

Energy Laboratories Inc

ANALYTICAL RUN Summary

14-Feb-22

Run ID VOA5975C.I_220119A

Run Start Date: 1/19/2022
 Analyst: Melissa Chavez
 Ical:
 Column ID:
 Comments:

| Instrument ID | Description |
|---------------|-------------|
| Bal #22 | Balance |

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|-----------|---|------------|-----------|-------------|------------|-------------|-----------------|
| VOCF3517 | Internal Standard / Surrogates (INT/SURR) | 8.4 | ul | 42 | ml | MBLK, ICV (| 12/31/2022 |
| VOCF3529B | 2nd Source MtBE | 1.05 | ul | 42 | ml | ICV | 1/29/2022 |
| VOCF3546B | Liquids | | ul | 42 | ml | CAL | 2/13/2022 |
| VOCF3558B | 2nd Source Liquids | 1.05 | ul | 42 | ml | ICV | 2/27/2022 |
| VOCF3559A | MtBE | | ul | 42 | ml | CAL | 1/27/2022 |
| VOCF3563 | Internals | 8.4 | ul | 42 | ml | CAL | 7/3/2022 |
| VOCF3567A | 2nd Source Ketones | 1.05 | ul | 42 | ml | ICV | 2/12/2022 |
| VOCF3569 | Ketones | | ul | 42 | ml | CAL | 2/17/2022 |
| VOCF3570A | Gases | | ul | 42 | ml | CAL | 1/25/2022 |
| VOCF3571A | 2nd Source Gases | 1.05 | ul | 42 | ml | ICV | 1/26/2022 |
| VOCF3573 | Calibration Surrogates | | ul | 42 | ml | CAL | 7/19/2022 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|-------|------|---|
| 14993103 | 19JAN02_D_TU | VOC-8260-BFB | TUNE | DA5975C\VG0111 | 1/19/2022 9:34:0 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 173, % of mass 174 | A | % | 1.1 | 1.1 | | 100 | 0 | 0 | 0 | 0 | 0 | 1% | 0 | 1.99 | 0% | |
| 174, % of mass 95 | A | % | 94.2 | 94.2 | | 100 | 0 | 0 | 0 | 0 | 0 | 94% | 50 | 99.99 | 0% | |
| 175, % of mass 174 | A | % | 7.5 | 7.5 | | 100 | 0 | 0 | 0 | 0 | 0 | 8% | 5 | 9 | 0% | |
| 176, % of mass 174 | A | % | 96.1 | 96.1 | | 100 | 0 | 0 | 0 | 0 | 0 | 96% | 95 | 101 | 0% | |
| 177, % of mass 176 | A | % | 6.6 | 6.6 | | 100 | 0 | 0 | 0 | 0 | 0 | 7% | 5 | 9 | 0% | |
| 50, % of mass 95 | A | % | 21.4 | 21.4 | | 100 | 0 | 0 | 0 | 0 | 0 | 21% | 15 | 40 | 0% | |
| 75, % of mass 95 | A | % | 50 | 50 | | 100 | 0 | 0 | 0 | 0 | 0 | 50% | 30 | 60 | 0% | |
| 95, Base Peak | A | % | 100 | 100 | | 100 | 0 | 0 | 0 | 0 | 0 | 100% | 0 | 100 | 0% | |
| 96, % of mass 95 | A | % | 6.7 | 6.7 | | 100 | 0 | 0 | 0 | 0 | 0 | 7% | 5 | 9 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|-------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993111 | MBLK011922_ | VOC-8260-W-Q | MBLK | DA5975CVVG0111 | 1/19/2022 10:13: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromomethane | A | ug/L | 2.5579 | 0 | | 0 | 0 | 0 | 0.253 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloroform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0789 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloromethane | A | ug/L | 0.37083 | 0 | | 0 | 0 | 0 | 0.162 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 0.5 | 500 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|-------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993111 | MBLK011922_ | VOC-8260-W-Q | MBLK | DA5975C\VG0111 | 1/19/2022 10:13: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 0.5 | 1000 | 0% | 0 | 0 | 0% | |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 10 | 5000 | 0% | 0 | 0 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Methylene chloride | A | ug/L | 1.79994 | 0 | | 0 | 0 | 0 | 0.338 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Toluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0679 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Vinyl chloride | A | ug/L | 0.3842 | 0 | | 0 | 0 | 0 | 0.153 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 1500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 296.9186 | 11.876744 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 119% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 281.32071 | 11.2528284 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 113% | 77 | 126 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 261.10788 | 10.4443152 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 104% | 76 | 127 | 0% | |
| Toluene-d8 | S | ug/L | 258.94128 | 10.3576512 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 104% | 79 | 122 | 0% | |

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|---------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993112 | ICAL011922_1 | VOC-8260-W-Q | CAL1 | DA5975C\VG0111 | 1/19/2022 10:48: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichlorobenzene | A | ug/L | 2.56161 | 0.1024644 | | 0.1 | 0 | 0 | 0.0746 | 0.5 | 500 | 102% | 50 | 150 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 2.90043 | 0.1160172 | | 0.1 | 0 | 0 | 0.116 | 0.5 | 500 | 116% | 50 | 150 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 2.60665 | 0.104266 | | 0.1 | 0 | 0 | 0.0803 | 0.5 | 500 | 104% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 2.71995 | 0.108798 | | 0.1 | 0 | 0 | 0.0858 | 0.5 | 500 | 109% | 50 | 150 | 0% | |
| Benzene | A | ug/L | 2.63388 | 0.1053552 | | 0.1 | 0 | 0 | 0.0914 | 0.5 | 500 | 105% | 50 | 150 | 0% | |
| Chloroform | A | ug/L | 3.06575 | 0.12263 | | 0.1 | 0 | 0 | 0.0789 | 0.5 | 500 | 123% | 50 | 150 | 0% | |
| Ethylbenzene | A | ug/L | 2.90887 | 0.1163548 | | 0.1 | 0 | 0 | 0.0836 | 0.5 | 500 | 116% | 50 | 150 | 0% | |
| m+p-Xylenes | A | ug/L | 6.17379 | 0.2469516 | | 0.2 | 0 | 0 | 0.15 | 0.5 | 1000 | 123% | 50 | 150 | 0% | |
| o-Xylene | A | ug/L | 3.08858 | 0.1235432 | | 0.1 | 0 | 0 | 0.0604 | 0.5 | 500 | 124% | 50 | 150 | 0% | |

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|------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993112 | ICAL011922_1 | VOC-8260-W-Q | CAL1 | DA5975C\VG011 | 1/19/2022 10:48: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Styrene | A | ug/L | 3.18392 | 0.1273568 | | 0.1 | 0 | 0 | 0.067 | 0.5 | 500 | 127% | 50 | 150 | 0% | |
| Tetrachloroethene | A | ug/L | 2.62409 | 0.1049636 | | 0.1 | 0 | 0 | 0.0671 | 0.5 | 500 | 105% | 50 | 150 | 0% | |
| Toluene | A | ug/L | 2.65 | 0.106 | | 0.1 | 0 | 0 | 0.0679 | 0.5 | 500 | 106% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Xylenes, Total | M | ug/L | 9.26237 | 0.3704948 | | 0.3 | 0 | 0 | 0.0604 | 0.5 | 1500 | 123% | 50 | 150 | 0% | |

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|---------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993113 | ICAL011922_2 | VOC-8260-W-Q | CAL2 | DA5975C\VG011 | 1/19/2022 11:15: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 12.03781 | 0.4815124 | | 0.5 | 0 | 0 | 0.101 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 11.55095 | 0.462038 | | 0.5 | 0 | 0 | 0.131 | 0.5 | 500 | 92% | 50 | 150 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 12.30338 | 0.4921352 | | 0.5 | 0 | 0 | 0.0872 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 11.9543 | 0.478172 | | 0.5 | 0 | 0 | 0.108 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 11.84931 | 0.4739724 | | 0.5 | 0 | 0 | 0.135 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 11.68996 | 0.4675984 | | 0.5 | 0 | 0 | 0.141 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 10.64606 | 0.4258424 | | 0.5 | 0 | 0 | 0.083 | 0.5 | 500 | 85% | 50 | 150 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 12.3825 | 0.4953 | | 0.5 | 0 | 0 | 0.235 | 0.5 | 500 | 99% | 50 | 150 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 11.21917 | 0.4487668 | | 0.5 | 0 | 0 | 0.0916 | 0.5 | 500 | 90% | 50 | 150 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 11.56015 | 0.462406 | | 0.5 | 0 | 0 | 0.0746 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 12.55104 | 0.5020416 | | 0.5 | 0 | 0 | 0.116 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 11.50326 | 0.4601304 | | 0.5 | 0 | 0 | 0.0847 | 0.5 | 500 | 92% | 50 | 150 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 11.51233 | 0.4604932 | | 0.5 | 0 | 0 | 0.0803 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 12.39024 | 0.4956096 | | 0.5 | 0 | 0 | 0.0791 | 0.5 | 500 | 99% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 11.70084 | 0.4680336 | | 0.5 | 0 | 0 | 0.0858 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 12.0798 | 0.483192 | | 0.5 | 0 | 0 | 0.186 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| 2-Chlorotoluene | A | ug/L | 11.12433 | 0.4449732 | | 0.5 | 0 | 0 | 0.0876 | 0.5 | 500 | 89% | 50 | 150 | 0% | |
| 4-Chlorotoluene | A | ug/L | 10.21022 | 0.4084088 | | 0.5 | 0 | 0 | 0.0728 | 0.5 | 500 | 82% | 50 | 150 | 0% | |
| Benzene | A | ug/L | 11.72138 | 0.4688552 | | 0.5 | 0 | 0 | 0.0914 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 11.92659 | 0.4770636 | | 0.5 | 0 | 0 | 0.0831 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| Bromochloromethane | A | ug/L | 12.15138 | 0.4860552 | | 0.5 | 0 | 0 | 0.141 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| Bromodichloromethane | A | ug/L | 12.28616 | 0.4914464 | | 0.5 | 0 | 0 | 0.12 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| Bromoform | A | ug/L | 13.0389 | 0.521556 | | 0.5 | 0 | 0 | 0.119 | 0.5 | 500 | 104% | 50 | 150 | 0% | |

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|--------------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993113 | ICAL011922_2 | VOC-8260-W-Q | CAL2 | DA5975C\VG0111 | 1/19/2022 11:15: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Bromomethane | A | ug/L | 12.94988 | 0.5179952 | | 0.5 | 0 | 0 | 0.253 | 0.5 | 500 | 104% | 50 | 150 | 0% | |
| Carbon tetrachloride | A | ug/L | 11.30839 | 0.4523356 | | 0.5 | 0 | 0 | 0.143 | 0.5 | 500 | 90% | 50 | 150 | 0% | |
| Chlorobenzene | A | ug/L | 11.93316 | 0.4773264 | | 0.5 | 0 | 0 | 0.0914 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| Chlorodibromomethane | A | ug/L | 12.44487 | 0.4977948 | | 0.5 | 0 | 0 | 0.0841 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Chloroethane | A | ug/L | 12.00958 | 0.4803832 | | 0.5 | 0 | 0 | 0.169 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| Chloroform | A | ug/L | 11.92708 | 0.4770832 | | 0.5 | 0 | 0 | 0.0789 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 12.10942 | 0.4843768 | | 0.5 | 0 | 0 | 0.162 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 11.68991 | 0.4675964 | | 0.5 | 0 | 0 | 0.108 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 11.6126 | 0.464504 | | 0.5 | 0 | 0 | 0.073 | 0.5 | 500 | 93% | 50 | 150 | 0% | |
| Dibromomethane | A | ug/L | 11.74498 | 0.4697992 | | 0.5 | 0 | 0 | 0.147 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 11.7428 | 0.469712 | | 0.5 | 0 | 0 | 0.175 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| Ethylbenzene | A | ug/L | 11.9196 | 0.476784 | | 0.5 | 0 | 0 | 0.0836 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| m+p-Xylenes | A | ug/L | 22.16451 | 0.8865804 | | 1 | 0 | 0 | 0.15 | 0.5 | 1000 | 89% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 123.19473 | 4.9277892 | | 5 | 0 | 0 | 1.77 | 10 | 5000 | 99% | 50 | 150 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 12.20038 | 0.4880152 | | 0.5 | 0 | 0 | 0.101 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| Methylene chloride | A | ug/L | 13.38833 | 0.5355332 | | 0.5 | 0 | 0 | 0.338 | 0.5 | 500 | 107% | 50 | 150 | 0% | |
| o-Xylene | A | ug/L | 11.32344 | 0.4529376 | | 0.5 | 0 | 0 | 0.0604 | 0.5 | 500 | 91% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 10.92337 | 0.4369348 | | 0.5 | 0 | 0 | 0.067 | 0.5 | 500 | 87% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 10.83554 | 0.4334216 | | 0.5 | 0 | 0 | 0.0671 | 0.5 | 500 | 87% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 10.7342 | 0.429368 | | 0.5 | 0 | 0 | 0.0679 | 0.5 | 500 | 86% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 12.53264 | 0.5013056 | | 0.5 | 0 | 0 | 0.125 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 11.17555 | 0.447022 | | 0.5 | 0 | 0 | 0.0846 | 0.5 | 500 | 89% | 50 | 150 | 0% | |
| Trichloroethene | A | ug/L | 11.65772 | 0.4663088 | | 0.5 | 0 | 0 | 0.0993 | 0.5 | 500 | 93% | 50 | 150 | 0% | |
| Trichlorofluoromethane | A | ug/L | 12.18881 | 0.4875524 | | 0.5 | 0 | 0 | 0.134 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| Vinyl chloride | A | ug/L | 12.29095 | 0.491638 | | 0.5 | 0 | 0 | 0.153 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 50 | 150 | 0% | |
| Xylenes, Total | M | ug/L | 33.48795 | 1.339518 | | 1.5 | 0 | 0 | 0.0604 | 0.5 | 1500 | 89% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 12.48825 | 0.49953 | | 0.5 | 0 | 0 | 0.229 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Dibromofluoromethane | S | ug/L | 12.2386 | 0.489544 | | 0.5 | 0 | 0 | 0.129 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 11.469 | 0.45876 | | 0.5 | 0 | 0 | 0.149 | 0.5 | 500 | 92% | 50 | 150 | 0% | |
| Toluene-d8 | S | ug/L | 11.09271 | 0.4437084 | | 0.5 | 0 | 0 | 0.23 | 0.5 | 500 | 89% | 50 | 150 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993114 | ICAL011922_3 | VOC-8260-W-Q | CAL3 | DA5975C\VG0111 | 1/19/2022 11:42: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 24.29982 | 0.9719928 | | 1 | 0 | 0 | 0.101 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 24.59188 | 0.9836752 | | 1 | 0 | 0 | 0.131 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 25.26178 | 1.0104712 | | 1 | 0 | 0 | 0.0872 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 23.98758 | 0.9595032 | | 1 | 0 | 0 | 0.108 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 25.32772 | 1.0131088 | | 1 | 0 | 0 | 0.135 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 25.12213 | 1.0048852 | | 1 | 0 | 0 | 0.141 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 23.25503 | 0.9302012 | | 1 | 0 | 0 | 0.083 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 25.64354 | 1.0257416 | | 1 | 0 | 0 | 0.235 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 25.34313 | 1.0137252 | | 1 | 0 | 0 | 0.0916 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 25.09561 | 1.0038244 | | 1 | 0 | 0 | 0.0746 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 24.11387 | 0.9645548 | | 1 | 0 | 0 | 0.116 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 24.05552 | 0.9622208 | | 1 | 0 | 0 | 0.0847 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 24.74451 | 0.9897804 | | 1 | 0 | 0 | 0.0803 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 24.4891 | 0.979564 | | 1 | 0 | 0 | 0.0791 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 24.93753 | 0.9975012 | | 1 | 0 | 0 | 0.0858 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 25.46947 | 1.0187788 | | 1 | 0 | 0 | 0.186 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 24.60375 | 0.98415 | | 1 | 0 | 0 | 0.0876 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 23.76256 | 0.9505024 | | 1 | 0 | 0 | 0.0728 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Benzene | A | ug/L | 23.44421 | 0.9377684 | | 1 | 0 | 0 | 0.0914 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 24.17617 | 0.9670468 | | 1 | 0 | 0 | 0.0831 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 25.29397 | 1.0117588 | | 1 | 0 | 0 | 0.141 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 24.88164 | 0.9952656 | | 1 | 0 | 0 | 0.12 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 25.73239 | 1.0292956 | | 1 | 0 | 0 | 0.119 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 26.14002 | 1.0456008 | | 1 | 0 | 0 | 0.253 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 24.59553 | 0.9838212 | | 1 | 0 | 0 | 0.143 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 24.30396 | 0.9721584 | | 1 | 0 | 0 | 0.0914 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 24.10204 | 0.9640816 | | 1 | 0 | 0 | 0.0841 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| Chloroethane | A | ug/L | 27.05322 | 1.0821288 | | 1 | 0 | 0 | 0.169 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 24.01936 | 0.9607744 | | 1 | 0 | 0 | 0.0789 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 26.08603 | 1.0434412 | | 1 | 0 | 0 | 0.162 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 24.17583 | 0.9670332 | | 1 | 0 | 0 | 0.108 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 22.71108 | 0.9084432 | | 1 | 0 | 0 | 0.073 | 0.5 | 500 | 91% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 25.53036 | 1.0212144 | | 1 | 0 | 0 | 0.147 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 25.20923 | 1.0083692 | | 1 | 0 | 0 | 0.175 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 24.09209 | 0.9636836 | | 1 | 0 | 0 | 0.0836 | 0.5 | 500 | 96% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993114 | ICAL011922_3 | VOC-8260-W-Q | CAL3 | DA5975C\VG0111 | 1/19/2022 11:42: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 47.56168 | 1.9024672 | | 2 | 0 | 0 | 0.15 | 0.5 | 1000 | 95% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 232.00881 | 9.2803524 | | 10 | 0 | 0 | 1.77 | 10 | 5000 | 93% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 23.51755 | 0.940702 | | 1 | 0 | 0 | 0.101 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 27.26568 | 1.0906272 | | 1 | 0 | 0 | 0.338 | 0.5 | 500 | 109% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 23.38337 | 0.9353348 | | 1 | 0 | 0 | 0.0604 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 23.22155 | 0.928862 | | 1 | 0 | 0 | 0.067 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 24.98591 | 0.9994364 | | 1 | 0 | 0 | 0.0671 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 23.1991 | 0.927964 | | 1 | 0 | 0 | 0.0679 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 25.11116 | 1.0044464 | | 1 | 0 | 0 | 0.125 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 23.21356 | 0.9285424 | | 1 | 0 | 0 | 0.0846 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 24.33224 | 0.9732896 | | 1 | 0 | 0 | 0.0993 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 25.40882 | 1.0163528 | | 1 | 0 | 0 | 0.134 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 25.49685 | 1.019874 | | 1 | 0 | 0 | 0.153 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 70.94505 | 2.837802 | | 3 | 0 | 0 | 0.0604 | 0.5 | 1500 | 95% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 25.16748 | 1.0066992 | | 1 | 0 | 0 | 0.229 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 25.01787 | 1.0007148 | | 1 | 0 | 0 | 0.129 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 24.24738 | 0.9698952 | | 1 | 0 | 0 | 0.149 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 23.00531 | 0.9202124 | | 1 | 0 | 0 | 0.23 | 0.5 | 500 | 92% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993115 | ICAL011922_4 | VOC-8260-W-Q | CAL4 | DA5975C\VG0111 | 1/19/2022 12:09: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 46.87757 | 1.8751028 | | 2 | 0 | 0 | 0.101 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 48.19441 | 1.9277764 | | 2 | 0 | 0 | 0.131 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 50.15311 | 2.0061244 | | 2 | 0 | 0 | 0.0872 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 47.51097 | 1.9004388 | | 2 | 0 | 0 | 0.108 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 48.16509 | 1.9266036 | | 2 | 0 | 0 | 0.135 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 47.66551 | 1.9066204 | | 2 | 0 | 0 | 0.141 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 44.64836 | 1.7859344 | | 2 | 0 | 0 | 0.083 | 0.5 | 500 | 89% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 47.9073 | 1.916292 | | 2 | 0 | 0 | 0.235 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 46.21521 | 1.8486084 | | 2 | 0 | 0 | 0.0916 | 0.5 | 500 | 92% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993115 | ICAL011922_4 | VOC-8260-W-Q | CAL4 | DA5975C\VG011 | 1/19/2022 12:09: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichlorobenzene | A | ug/L | 45.71628 | 1.8286512 | | 2 | 0 | 0 | 0.0746 | 0.5 | 500 | 91% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 48.93365 | 1.957346 | | 2 | 0 | 0 | 0.116 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 46.1437 | 1.845748 | | 2 | 0 | 0 | 0.0847 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 47.20101 | 1.8880404 | | 2 | 0 | 0 | 0.0803 | 0.5 | 500 | 94% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 46.55683 | 1.8622732 | | 2 | 0 | 0 | 0.0791 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 45.63319 | 1.8253276 | | 2 | 0 | 0 | 0.0858 | 0.5 | 500 | 91% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 47.95819 | 1.9183276 | | 2 | 0 | 0 | 0.186 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 43.82762 | 1.7531048 | | 2 | 0 | 0 | 0.0876 | 0.5 | 500 | 88% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 45.74521 | 1.8298084 | | 2 | 0 | 0 | 0.0728 | 0.5 | 500 | 91% | 70 | 130 | 0% | |
| Benzene | A | ug/L | 46.4135 | 1.85654 | | 2 | 0 | 0 | 0.0914 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 46.29672 | 1.8518688 | | 2 | 0 | 0 | 0.0831 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 48.86136 | 1.9544544 | | 2 | 0 | 0 | 0.141 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 46.66744 | 1.8666976 | | 2 | 0 | 0 | 0.12 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 46.23167 | 1.8492668 | | 2 | 0 | 0 | 0.119 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 48.05999 | 1.9223996 | | 2 | 0 | 0 | 0.253 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 47.36264 | 1.8945056 | | 2 | 0 | 0 | 0.143 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 46.72829 | 1.8691316 | | 2 | 0 | 0 | 0.0914 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 46.00583 | 1.8402332 | | 2 | 0 | 0 | 0.0841 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| Chloroethane | A | ug/L | 48.33063 | 1.9332252 | | 2 | 0 | 0 | 0.169 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 47.31287 | 1.8925148 | | 2 | 0 | 0 | 0.0789 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 49.62746 | 1.9850984 | | 2 | 0 | 0 | 0.162 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 46.09973 | 1.8439892 | | 2 | 0 | 0 | 0.108 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 43.36449 | 1.7345796 | | 2 | 0 | 0 | 0.073 | 0.5 | 500 | 87% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 47.76659 | 1.9106636 | | 2 | 0 | 0 | 0.147 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 47.76052 | 1.9104208 | | 2 | 0 | 0 | 0.175 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 44.73374 | 1.7893496 | | 2 | 0 | 0 | 0.0836 | 0.5 | 500 | 89% | 70 | 130 | 0% | |
| m+p-Xylenes | A | ug/L | 89.33288 | 3.5733152 | | 4 | 0 | 0 | 0.15 | 0.5 | 1000 | 89% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 474.78207 | 18.9912828 | | 20 | 0 | 0 | 1.77 | 10 | 5000 | 95% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 47.39841 | 1.8959364 | | 2 | 0 | 0 | 0.101 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 49.36125 | 1.97445 | | 2 | 0 | 0 | 0.338 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 44.23203 | 1.7692812 | | 2 | 0 | 0 | 0.0604 | 0.5 | 500 | 88% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 44.29737 | 1.7718948 | | 2 | 0 | 0 | 0.067 | 0.5 | 500 | 89% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 46.08198 | 1.8432792 | | 2 | 0 | 0 | 0.0671 | 0.5 | 500 | 92% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 44.66304 | 1.7865216 | | 2 | 0 | 0 | 0.0679 | 0.5 | 500 | 89% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 46.24552 | 1.8498208 | | 2 | 0 | 0 | 0.125 | 0.5 | 500 | 92% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993115 | ICAL011922_4 | VOC-8260-W-Q | CAL4 | DA5975C\VG011 | 1/19/2022 12:09: | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| trans-1,3-Dichloropropene | A | ug/L | 45.22155 | 1.808862 | | 2 | 0 | 0 | 0.0846 | 0.5 | 500 | 90% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 46.31489 | 1.8525956 | | 2 | 0 | 0 | 0.0993 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 47.3799 | 1.895196 | | 2 | 0 | 0 | 0.134 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 47.71052 | 1.9084208 | | 2 | 0 | 0 | 0.153 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 133.56491 | 5.3425964 | | 6 | 0 | 0 | 0.0604 | 0.5 | 1500 | 89% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 48.68311 | 1.9473244 | | 2 | 0 | 0 | 0.229 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 49.23347 | 1.9693388 | | 2 | 0 | 0 | 0.129 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 46.4666 | 1.858664 | | 2 | 0 | 0 | 0.149 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 45.84352 | 1.8337408 | | 2 | 0 | 0 | 0.23 | 0.5 | 500 | 92% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993116 | ICAL011922_5 | VOC-8260-W-Q | CAL5 | DA5975C\VG011 | 1/19/2022 1:04:2 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 122.79511 | 4.9118044 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 123.8043 | 4.952172 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 121.31807 | 4.8527228 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 125.78237 | 5.0312948 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 123.80376 | 4.9521504 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 122.95963 | 4.9183852 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 125.9718 | 5.038872 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 120.56102 | 4.8224408 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 126.20468 | 5.0481872 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 123.95073 | 4.9580292 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 115.6442 | 4.625768 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 122.95886 | 4.9183544 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 122.19059 | 4.8876236 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 119.39501 | 4.7758004 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 123.13122 | 4.9252488 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 122.57363 | 4.9029452 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 127.39561 | 5.0958244 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 129.55214 | 5.1820856 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 104% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993116 | ICAL011922_5 | VOC-8260-W-Q | CAL5 | DA5975C\VG0111 | 1/19/2022 1:04:2 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Benzene | A | ug/L | 124.45449 | 4.9781796 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 124.53646 | 4.9814584 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 124.02581 | 4.9610324 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 121.22551 | 4.8490204 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 120.91579 | 4.8366316 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 112.181 | 4.48724 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 90% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 123.95204 | 4.9580816 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 122.81845 | 4.912738 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 123.07292 | 4.9229168 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Chloroethane | A | ug/L | 112.26554 | 4.4906216 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 90% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 118.32456 | 4.7329824 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 95% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 125.79911 | 5.0319644 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 125.52039 | 5.0208156 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 123.40028 | 4.9360112 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 121.7998 | 4.871992 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 129.1152 | 5.164608 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 123.10214 | 4.9240856 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| m+p-Xylenes | A | ug/L | 248.10484 | 9.9241936 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 99% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1186.51975 | 47.46079 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 95% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 123.46483 | 4.9385932 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 120.03953 | 4.8015812 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 125.18718 | 5.0074872 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 123.7696 | 4.950784 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 125.30349 | 5.0121396 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 125.42915 | 5.017166 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 124.2147 | 4.968588 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 124.62799 | 4.9851196 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 121.80953 | 4.8723812 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 131.0926 | 5.243704 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 124.84079 | 4.9936316 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 373.29202 | 14.9316808 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 100% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 126.73026 | 5.0692104 | | 5 | 0 | 0 | 0.229 | 0.5 | 500 | 101% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993116 | ICAL011922_5 | VOC-8260-W-Q | CAL5 | DA5975C\VG011 | 1/19/2022 1:04:2 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Dibromofluoromethane | S | ug/L | 121.8025 | 4.8721 | | 5 | 0 | 0 | 0.129 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 125.01888 | 5.0007552 | | 5 | 0 | 0 | 0.149 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 128.03806 | 5.1215224 | | 5 | 0 | 0 | 0.23 | 0.5 | 500 | 102% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993117 | ICAL011922_6 | VOC-8260-W-Q | CAL6 | DA5975C\VG011 | 1/19/2022 1:58:4 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 263.1086 | 10.524344 | | 10 | 0 | 0 | 0.101 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 264.43182 | 10.5772728 | | 10 | 0 | 0 | 0.131 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 256.80676 | 10.2722704 | | 10 | 0 | 0 | 0.0872 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 260.6902 | 10.427608 | | 10 | 0 | 0 | 0.108 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 260.03776 | 10.4015104 | | 10 | 0 | 0 | 0.135 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 265.38957 | 10.6155828 | | 10 | 0 | 0 | 0.141 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 275.64546 | 11.0258184 | | 10 | 0 | 0 | 0.083 | 0.5 | 500 | 110% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 264.34203 | 10.5736812 | | 10 | 0 | 0 | 0.235 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 265.92909 | 10.6371636 | | 10 | 0 | 0 | 0.0916 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 265.45139 | 10.6180556 | | 10 | 0 | 0 | 0.0746 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 245.44039 | 9.8176156 | | 10 | 0 | 0 | 0.116 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 268.02802 | 10.7211208 | | 10 | 0 | 0 | 0.0847 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 264.23691 | 10.5694764 | | 10 | 0 | 0 | 0.0803 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 260.4297 | 10.417188 | | 10 | 0 | 0 | 0.0791 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 260.21395 | 10.408558 | | 10 | 0 | 0 | 0.0858 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 258.89815 | 10.355926 | | 10 | 0 | 0 | 0.186 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 274.60299 | 10.9841196 | | 10 | 0 | 0 | 0.0876 | 0.5 | 500 | 110% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 278.6073 | 11.144292 | | 10 | 0 | 0 | 0.0728 | 0.5 | 500 | 111% | 70 | 130 | 0% | |
| Benzene | A | ug/L | 263.37887 | 10.5351548 | | 10 | 0 | 0 | 0.0914 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 267.41392 | 10.6965568 | | 10 | 0 | 0 | 0.0831 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 262.8745 | 10.51498 | | 10 | 0 | 0 | 0.141 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 260.10154 | 10.4040616 | | 10 | 0 | 0 | 0.12 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 255.81511 | 10.2326044 | | 10 | 0 | 0 | 0.119 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 264.99935 | 10.599974 | | 10 | 0 | 0 | 0.253 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 266.17534 | 10.6470136 | | 10 | 0 | 0 | 0.143 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 263.10993 | 10.5243972 | | 10 | 0 | 0 | 0.0914 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 261.4293 | 10.457172 | | 10 | 0 | 0 | 0.0841 | 0.5 | 500 | 105% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993117 | ICAL011922_6 | VOC-8260-W-Q | CAL6 | DA5975C\VG0111 | 1/19/2022 1:58:4 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Chloroethane | A | ug/L | 286.46073 | 11.4584292 | | 10 | 0 | 0 | 0.169 | 0.5 | 500 | 115% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 247.58044 | 9.9032176 | | 10 | 0 | 0 | 0.0789 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 250.29568 | 10.0118272 | | 10 | 0 | 0 | 0.162 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 264.30406 | 10.5721624 | | 10 | 0 | 0 | 0.108 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 272.72128 | 10.9088512 | | 10 | 0 | 0 | 0.073 | 0.5 | 500 | 109% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 263.54118 | 10.5416472 | | 10 | 0 | 0 | 0.147 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 259.14165 | 10.365666 | | 10 | 0 | 0 | 0.175 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 259.56366 | 10.3825464 | | 10 | 0 | 0 | 0.0836 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| m+p-Xylenes | A | ug/L | 520.92181 | 20.8368724 | | 20 | 0 | 0 | 0.15 | 0.5 | 1000 | 104% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 2621.91595 | 104.876638 | | 100 | 0 | 0 | 1.77 | 10 | 5000 | 105% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 260.74156 | 10.4296624 | | 10 | 0 | 0 | 0.101 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 242.95313 | 9.7181252 | | 10 | 0 | 0 | 0.338 | 0.5 | 500 | 97% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 257.92761 | 10.3171044 | | 10 | 0 | 0 | 0.0604 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 261.64734 | 10.4658936 | | 10 | 0 | 0 | 0.067 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 263.51697 | 10.5406788 | | 10 | 0 | 0 | 0.0671 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 270.88303 | 10.8353212 | | 10 | 0 | 0 | 0.0679 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 257.35306 | 10.2941224 | | 10 | 0 | 0 | 0.125 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 268.88454 | 10.7553816 | | 10 | 0 | 0 | 0.0846 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 266.30721 | 10.6522884 | | 10 | 0 | 0 | 0.0993 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 251.01004 | 10.0404016 | | 10 | 0 | 0 | 0.134 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 259.06637 | 10.3626548 | | 10 | 0 | 0 | 0.153 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 778.84942 | 31.1539768 | | 30 | 0 | 0 | 0.0604 | 0.5 | 1500 | 104% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 253.93359 | 10.1573436 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 261.68206 | 10.4672824 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 268.52656 | 10.7410624 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 272.28351 | 10.8913404 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 109% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993118 | ICAL011922_7 | VOC-8260-W-Q | CAL7 | DA5975C\VG0111 | 1/19/2022 2:53:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993118 | ICAL011922_7 | VOC-8260-W-Q | CAL7 | DA5975C\VG0114 | 1/19/2022 2:53:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 395.11271 | 15.8045084 | | 15 | 0 | 0 | 0.101 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 384.82827 | 15.3931308 | | 15 | 0 | 0 | 0.131 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 373.82831 | 14.9531324 | | 15 | 0 | 0 | 0.0872 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 395.05316 | 15.8021264 | | 15 | 0 | 0 | 0.108 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 378.39611 | 15.1358444 | | 15 | 0 | 0 | 0.135 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 382.35444 | 15.2941776 | | 15 | 0 | 0 | 0.141 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 409.14804 | 16.3659216 | | 15 | 0 | 0 | 0.083 | 0.5 | 500 | 109% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 376.5948 | 15.063792 | | 15 | 0 | 0 | 0.235 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 395.10621 | 15.8042484 | | 15 | 0 | 0 | 0.0916 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 386.59304 | 15.4637216 | | 15 | 0 | 0 | 0.0746 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 373.42195 | 14.936878 | | 15 | 0 | 0 | 0.116 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 401.58544 | 16.0634176 | | 15 | 0 | 0 | 0.0847 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 385.60331 | 15.4241324 | | 15 | 0 | 0 | 0.0803 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 396.07721 | 15.8430884 | | 15 | 0 | 0 | 0.0791 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 380.66062 | 15.2264248 | | 15 | 0 | 0 | 0.0858 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 382.15371 | 15.2861484 | | 15 | 0 | 0 | 0.186 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 395.55888 | 15.8223552 | | 15 | 0 | 0 | 0.0876 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 403.67075 | 16.14683 | | 15 | 0 | 0 | 0.0728 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| Benzene | A | ug/L | 392.49506 | 15.6998024 | | 15 | 0 | 0 | 0.0914 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 387.26596 | 15.4906384 | | 15 | 0 | 0 | 0.0831 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 379.27949 | 15.1711796 | | 15 | 0 | 0 | 0.141 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 392.2653 | 15.690612 | | 15 | 0 | 0 | 0.12 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 374.34382 | 14.9737528 | | 15 | 0 | 0 | 0.119 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 380.37666 | 15.2150664 | | 15 | 0 | 0 | 0.253 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 388.77442 | 15.5509768 | | 15 | 0 | 0 | 0.143 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 397.30881 | 15.8923524 | | 15 | 0 | 0 | 0.0914 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 394.19912 | 15.7679648 | | 15 | 0 | 0 | 0.0841 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Chloroethane | A | ug/L | 382.26624 | 15.2906496 | | 15 | 0 | 0 | 0.169 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 369.36545 | 14.774618 | | 15 | 0 | 0 | 0.0789 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 373.55808 | 14.9423232 | | 15 | 0 | 0 | 0.162 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 392.49951 | 15.6999804 | | 15 | 0 | 0 | 0.108 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 413.10617 | 16.5242468 | | 15 | 0 | 0 | 0.073 | 0.5 | 500 | 110% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 388.24814 | 15.5299256 | | 15 | 0 | 0 | 0.147 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 376.2647 | 15.050588 | | 15 | 0 | 0 | 0.175 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 381.44832 | 15.2579328 | | 15 | 0 | 0 | 0.0836 | 0.5 | 500 | 102% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993118 | ICAL011922_7 | VOC-8260-W-Q | CAL7 | DA5975C\VG0111 | 1/19/2022 2:53:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 762.45088 | 30.4980352 | | 30 | 0 | 0 | 0.15 | 0.5 | 1000 | 102% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 3961.28713 | 158.451485 | | 150 | 0 | 0 | 1.77 | 10 | 5000 | 106% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 389.6885 | 15.58754 | | 15 | 0 | 0 | 0.101 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 359.82049 | 14.3928196 | | 15 | 0 | 0 | 0.338 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 384.01575 | 15.36063 | | 15 | 0 | 0 | 0.0604 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 382.73821 | 15.3095284 | | 15 | 0 | 0 | 0.067 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 393.42479 | 15.7369916 | | 15 | 0 | 0 | 0.0671 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 410.14612 | 16.4058448 | | 15 | 0 | 0 | 0.0679 | 0.5 | 500 | 109% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 382.96484 | 15.3185936 | | 15 | 0 | 0 | 0.125 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 414.16774 | 16.5667096 | | 15 | 0 | 0 | 0.0846 | 0.5 | 500 | 110% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 400.28495 | 16.011398 | | 15 | 0 | 0 | 0.0993 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 368.02903 | 14.7211612 | | 15 | 0 | 0 | 0.134 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 371.90211 | 14.8760844 | | 15 | 0 | 0 | 0.153 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 1146.46663 | 45.8586652 | | 45 | 0 | 0 | 0.0604 | 0.5 | 1500 | 102% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 372.17398 | 14.8869592 | | 15 | 0 | 0 | 0.229 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 375.7157 | 15.028628 | | 15 | 0 | 0 | 0.129 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 392.51572 | 15.7006288 | | 15 | 0 | 0 | 0.149 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 408.33456 | 16.3333824 | | 15 | 0 | 0 | 0.23 | 0.5 | 500 | 109% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993119 | ICAL011922_8 | VOC-8260-W-Q | CAL8 | DA5975C\VG0111 | 1/19/2022 3:47:4 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 519.50104 | 20.7800416 | | 20 | 0 | 0 | 0.101 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 526.99477 | 21.0797908 | | 20 | 0 | 0 | 0.131 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 503.77463 | 20.1509852 | | 20 | 0 | 0 | 0.0872 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 515.71916 | 20.6287664 | | 20 | 0 | 0 | 0.108 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 518.00352 | 20.7201408 | | 20 | 0 | 0 | 0.135 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 520.88026 | 20.8352104 | | 20 | 0 | 0 | 0.141 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 561.8648 | 22.474592 | | 20 | 0 | 0 | 0.083 | 0.5 | 500 | 112% | 70 | 130 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 499.70182 | 19.9880728 | | 20 | 0 | 0 | 0.235 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 518.73322 | 20.7493288 | | 20 | 0 | 0 | 0.0916 | 0.5 | 500 | 104% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993119 | ICAL011922_8 | VOC-8260-W-Q | CAL8 | DA5975C\VG011 | 1/19/2022 3:47:4 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichlorobenzene | A | ug/L | 524.03363 | 20.9613452 | | 20 | 0 | 0 | 0.0746 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 494.90571 | 19.7962284 | | 20 | 0 | 0 | 0.116 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 533.98337 | 21.3593348 | | 20 | 0 | 0 | 0.0847 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 519.90292 | 20.7961168 | | 20 | 0 | 0 | 0.0803 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 522.49769 | 20.8999076 | | 20 | 0 | 0 | 0.0791 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 512.39362 | 20.4957448 | | 20 | 0 | 0 | 0.0858 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 510.2077 | 20.408308 | | 20 | 0 | 0 | 0.186 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 2-Chlorotoluene | A | ug/L | 538.47525 | 21.53901 | | 20 | 0 | 0 | 0.0876 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| 4-Chlorotoluene | A | ug/L | 545.23705 | 21.809482 | | 20 | 0 | 0 | 0.0728 | 0.5 | 500 | 109% | 70 | 130 | 0% | |
| Benzene | A | ug/L | 523.44718 | 20.9378872 | | 20 | 0 | 0 | 0.0914 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromobenzene | A | ug/L | 527.11761 | 21.0847044 | | 20 | 0 | 0 | 0.0831 | 0.5 | 500 | 105% | 70 | 130 | 0% | |
| Bromochloromethane | A | ug/L | 491.89341 | 19.6757364 | | 20 | 0 | 0 | 0.141 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Bromodichloromethane | A | ug/L | 516.12107 | 20.6448428 | | 20 | 0 | 0 | 0.12 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Bromoform | A | ug/L | 507.06116 | 20.2824464 | | 20 | 0 | 0 | 0.119 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| Bromomethane | A | ug/L | 492.37196 | 19.6948784 | | 20 | 0 | 0 | 0.253 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Carbon tetrachloride | A | ug/L | 535.60256 | 21.4241024 | | 20 | 0 | 0 | 0.143 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Chlorobenzene | A | ug/L | 522.07254 | 20.8829016 | | 20 | 0 | 0 | 0.0914 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Chlorodibromomethane | A | ug/L | 519.35718 | 20.7742872 | | 20 | 0 | 0 | 0.0841 | 0.5 | 500 | 104% | 70 | 130 | 0% | |
| Chloroethane | A | ug/L | 463.57413 | 18.5429652 | | 20 | 0 | 0 | 0.169 | 0.5 | 500 | 93% | 70 | 130 | 0% | |
| Chloroform | A | ug/L | 495.30446 | 19.8121784 | | 20 | 0 | 0 | 0.0789 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| Chloromethane | A | ug/L | 495.76266 | 19.8305064 | | 20 | 0 | 0 | 0.162 | 0.5 | 500 | 99% | 70 | 130 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 533.86717 | 21.3546868 | | 20 | 0 | 0 | 0.108 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 557.77754 | 22.3111016 | | 20 | 0 | 0 | 0.073 | 0.5 | 500 | 112% | 70 | 130 | 0% | |
| Dibromomethane | A | ug/L | 509.98176 | 20.3992704 | | 20 | 0 | 0 | 0.147 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 512.06782 | 20.4827128 | | 20 | 0 | 0 | 0.175 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| Ethylbenzene | A | ug/L | 492.0069 | 19.680276 | | 20 | 0 | 0 | 0.0836 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| m+p-Xylenes | A | ug/L | 982.95572 | 39.3182288 | | 40 | 0 | 0 | 0.15 | 0.5 | 1000 | 98% | 70 | 130 | 0% | |
| Methyl ethyl ketone | A | ug/L | 5412.58688 | 216.503475 | | 200 | 0 | 0 | 1.77 | 10 | 5000 | 108% | 70 | 130 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 532.72265 | 21.308906 | | 20 | 0 | 0 | 0.101 | 0.5 | 500 | 107% | 70 | 130 | 0% | |
| Methylene chloride | A | ug/L | 479.71594 | 19.1886376 | | 20 | 0 | 0 | 0.338 | 0.5 | 500 | 96% | 70 | 130 | 0% | |
| o-Xylene | A | ug/L | 490.56964 | 19.6227856 | | 20 | 0 | 0 | 0.0604 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Styrene | A | ug/L | 489.99584 | 19.5998336 | | 20 | 0 | 0 | 0.067 | 0.5 | 500 | 98% | 70 | 130 | 0% | |
| Tetrachloroethene | A | ug/L | 528.40897 | 21.1363588 | | 20 | 0 | 0 | 0.0671 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Toluene | A | ug/L | 539.67631 | 21.5870524 | | 20 | 0 | 0 | 0.0679 | 0.5 | 500 | 108% | 70 | 130 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 511.83133 | 20.4732532 | | 20 | 0 | 0 | 0.125 | 0.5 | 500 | 102% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993119 | ICAL011922_8 | VOC-8260-W-Q | CAL8 | DA5975C\VG011 | 1/19/2022 3:47:4 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| trans-1,3-Dichloropropene | A | ug/L | 547.98665 | 21.919466 | | 20 | 0 | 0 | 0.0846 | 0.5 | 500 | 110% | 70 | 130 | 0% | |
| Trichloroethene | A | ug/L | 530.332 | 21.21328 | | 20 | 0 | 0 | 0.0993 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Trichlorofluoromethane | A | ug/L | 513.3762 | 20.535048 | | 20 | 0 | 0 | 0.134 | 0.5 | 500 | 103% | 70 | 130 | 0% | |
| Vinyl chloride | A | ug/L | 507.95433 | 20.3181732 | | 20 | 0 | 0 | 0.153 | 0.5 | 500 | 102% | 70 | 130 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 70 | 130 | 0% | |
| Xylenes, Total | M | ug/L | 1473.52536 | 58.9410144 | | 60 | 0 | 0 | 0.0604 | 0.5 | 1500 | 98% | 70 | 130 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 499.26904 | 19.9707616 | | 20 | 0 | 0 | 0.229 | 0.5 | 500 | 100% | 70 | 130 | 0% | |
| Dibromofluoromethane | S | ug/L | 506.23568 | 20.2494272 | | 20 | 0 | 0 | 0.129 | 0.5 | 500 | 101% | 70 | 130 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 531.14356 | 21.2457424 | | 20 | 0 | 0 | 0.149 | 0.5 | 500 | 106% | 70 | 130 | 0% | |
| Toluene-d8 | S | ug/L | 536.58503 | 21.4634012 | | 20 | 0 | 0 | 0.23 | 0.5 | 500 | 107% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993120 | ICV011922_ | VOC-8260-W-Q | ICV | DA5975C\VG011 | 1/19/2022 4:42:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 121.14346 | 4.8457384 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 97% | 80 | 120 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 123.10323 | 4.9241292 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 123.71034 | 4.9484136 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 99% | 80 | 120 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 122.33255 | 4.893302 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 126.68152 | 5.0672608 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 127.47339 | 5.0989356 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 122.69902 | 4.9079608 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 119.25111 | 4.7700444 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 95% | 80 | 120 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 123.8219 | 4.952876 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 99% | 80 | 120 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 126.78928 | 5.0715712 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 112.99307 | 4.5197228 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 90% | 80 | 120 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 125.26279 | 5.0105116 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 127.90714 | 5.1162856 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 115.25812 | 4.6103248 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 92% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 126.91589 | 5.0766356 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 130.60172 | 5.2240688 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| 2-Chlorotoluene | A | ug/L | 128.02447 | 5.1209788 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 4-Chlorotoluene | A | ug/L | 133.69052 | 5.3476208 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 107% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993120 | ICV011922_ | VOC-8260-W-Q | ICV | DA5975CVVG011 | 1/19/2022 4:42:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Benzene | A | ug/L | 124.79596 | 4.9918384 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Bromobenzene | A | ug/L | 128.75816 | 5.1503264 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Bromochloromethane | A | ug/L | 118.1582 | 4.726328 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 95% | 80 | 120 | 0% | |
| Bromodichloromethane | A | ug/L | 125.01778 | 5.0007112 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Bromoform | A | ug/L | 118.4586 | 4.738344 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 95% | 80 | 120 | 0% | |
| Bromomethane | A | ug/L | 125.47532 | 5.0190128 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Carbon tetrachloride | A | ug/L | 121.97422 | 4.8789688 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| Chlorobenzene | A | ug/L | 127.68425 | 5.10737 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| Chlorodibromomethane | A | ug/L | 118.71875 | 4.74875 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 95% | 80 | 120 | 0% | |
| Chloroethane | A | ug/L | 128.59249 | 5.1436996 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Chloroform | A | ug/L | 116.04065 | 4.641626 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 93% | 80 | 120 | 0% | |
| Chloromethane | A | ug/L | 108.15919 | 4.3263676 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 87% | 80 | 120 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 126.74809 | 5.0699236 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 121.1938 | 4.847752 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 97% | 80 | 120 | 0% | |
| Dibromomethane | A | ug/L | 119.73245 | 4.789298 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 96% | 80 | 120 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 109.491 | 4.37964 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 88% | 80 | 120 | 0% | |
| Ethylbenzene | A | ug/L | 127.55124 | 5.1020496 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| m+p-Xylenes | A | ug/L | 247.60848 | 9.9043392 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 99% | 80 | 120 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1190.01388 | 47.6005552 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 95% | 80 | 120 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 130.45844 | 5.2183376 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| Methylene chloride | A | ug/L | 117.91846 | 4.7167384 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 94% | 80 | 120 | 0% | |
| o-Xylene | A | ug/L | 125.95849 | 5.0383396 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Styrene | A | ug/L | 126.65625 | 5.06625 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Tetrachloroethene | A | ug/L | 126.00053 | 5.0400212 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Toluene | A | ug/L | 126.57376 | 5.0629504 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 125.16318 | 5.0065272 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 125.66541 | 5.0266164 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Trichloroethene | A | ug/L | 127.05504 | 5.0822016 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| Trichlorofluoromethane | A | ug/L | 112.56002 | 4.5024008 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 90% | 80 | 120 | 0% | |
| Vinyl chloride | A | ug/L | 115.35056 | 4.6140224 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 92% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 373.56697 | 14.9426788 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 100% | 80 | 120 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 269.97549 | 10.7990196 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 108% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------------------|------------|--------------|------------|----------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 14993120 | ICV011922_ | VOC-8260-W-Q | ICV | DA5975C\VG0111 | 1/19/2022 4:42:1 | 1 | R373580 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Dibromofluoromethane | S | ug/L | 230.60106 | 9.2240424 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 92% | 80 | 120 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 258.37948 | 10.3351792 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Toluene-d8 | S | ug/L | 272.49616 | 10.8998464 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 109% | 80 | 120 | 0% | |

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN01.D
Sample Name : PRIMER
Operator : MSC
Date injected : 19 Jan 2022 9:07 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 1

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN02.D
Sample Name : BFB011922_
Operator : MSC
Date injected : 19 Jan 2022 9:34 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 2

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN03.D
Sample Name : MBLK011922_
Operator : MSC
Date injected : 19 Jan 2022 10:13 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 3

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN04.D
Sample Name : ICAL011922_1
Operator : MSC
Date injected : 19 Jan 2022 10:48 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 4

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN05.D
Sample Name : ICAL011922_2
Operator : MSC

Date injected : 19 Jan 2022 11:15 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 5

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN06.D
Sample Name : ICAL011922_3
Operator : MSC
Date injected : 19 Jan 2022 11:42 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 6

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN07.D
Sample Name : ICAL011922_4
Operator : MSC
Date injected : 19 Jan 2022 12:09 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 7

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN08.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 12:37 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 8

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN09.D
Sample Name : ICAL011922_5
Operator : MSC
Date injected : 19 Jan 2022 1:04 pm
Instrument : VOA5975C
Method used : 5975CACQF

No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 9

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN10.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 1:31 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 10

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN11.D
Sample Name : ICAL011922_6
Operator : MSC
Date injected : 19 Jan 2022 1:58 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 11

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN12.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 2:26 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 12

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN13.D
Sample Name : ICAL011922_7
Operator : MSC
Date injected : 19 Jan 2022 2:53 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498

Vial Number : 13

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN14.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 3:20 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 14

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN15.D
Sample Name : ICAL011922_8
Operator : MSC
Date injected : 19 Jan 2022 3:47 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 15

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN16.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 4:15 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 16

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN17.D
Sample Name : ICV011922_
Operator : MSC
Date injected : 19 Jan 2022 4:42 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 17

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN18.D
Sample Name : BLK
Operator : MSC
Date injected : 19 Jan 2022 5:09 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 18

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN19.D
Sample Name : MDL011922_Q1_2
Operator : MSC
Date injected : 19 Jan 2022 5:36 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 19

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN20.D
Sample Name : LOD011922_HalfCal2
Operator : MSC
Date injected : 19 Jan 2022 6:03 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 20

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN21.D
Sample Name : LOD011922_2xCal1
Operator : MSC
Date injected : 19 Jan 2022 6:31 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 21

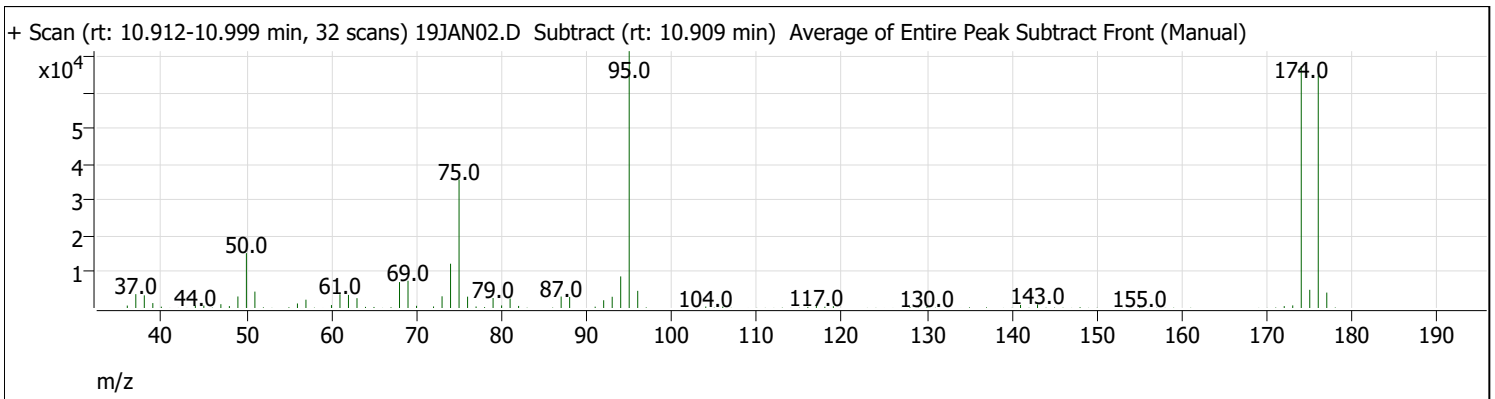
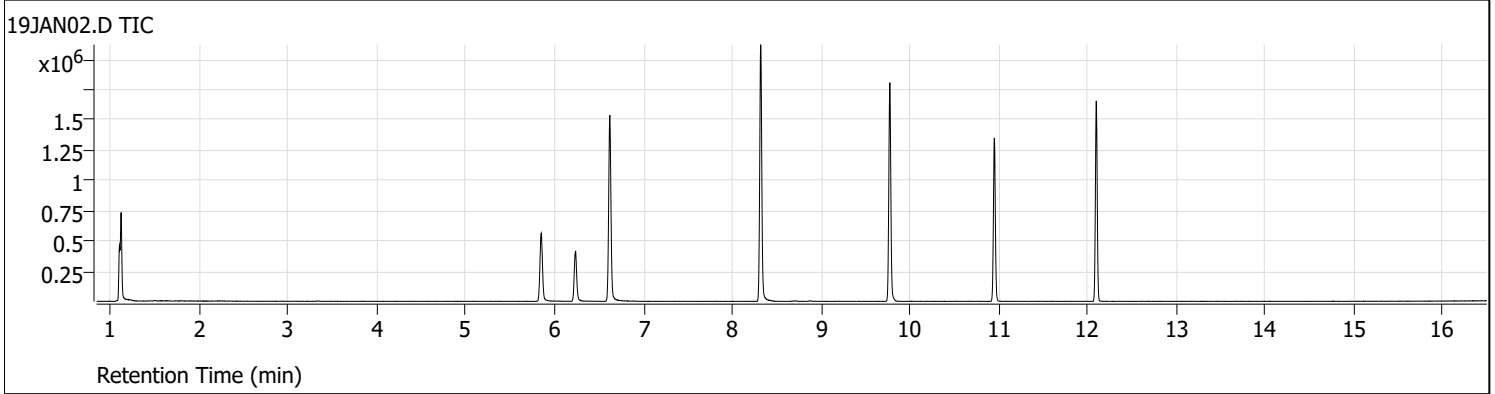
Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN22.D
Sample Name : MBLK011922_NoSurr
Operator : MSC

Date injected : 19 Jan 2022 6:58 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 22

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN23.D
Sample Name : MBLK011922_
Operator : MSC
Date injected : 19 Jan 2022 7:25 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 23

Tune Evaluation Report

Data Path: D:\Org\Data\VOA5975C\VG011922\19JAN02.D
 Acq on: 1/19/2022 9:34:49 AM
 Operator: MSC
 Sample: BFB011922_
 Inst Name: VOA5975C
 ALS Vial: 2
 Method: \\MASSHUNTER\Org\Data\Methods\BFBavg.m



| Target Mass | Rel. To Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|-----------|
| 50 | 95 | 15 | 40 | 21.4 | 15298 | Pass |
| 75 | 95 | 30 | 60 | 50.0 | 35802 | Pass |
| 95 | 95 | 100 | 100 | 100.0 | 71589 | Pass |
| 96 | 95 | 5 | 9 | 6.7 | 4783 | Pass |
| 173 | 174 | 0 | 2 | 1.1 | 722 | Pass |
| 174 | 95 | 50 | 100 | 94.2 | 67436 | Pass |
| 175 | 174 | 5 | 9 | 7.5 | 5067 | Pass |
| 176 | 174 | 95 | 101 | 96.1 | 64775 | Pass |
| 177 | 176 | 5 | 9 | 6.6 | 4289 | Pass |

Quantitative Analysis Results Summary Report

| | | | |
|---------------------|---|----------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 2/14/2022 3:09:49 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Sequence Table

| Data File | sample Name | Sample Type | Vial Position | Inj Vol | Level | Acq Method File |
|-----------|--------------|--------------|---------------|---------|-------|-----------------|
| 19JAN03.D | MBLK011922_ | Method Blank | 3 | 0 | | 5975CACQF.M |
| 19JAN04.D | ICAL011922_1 | Cal | 4 | 0 | 1 | 5975CACQF.M |
| 19JAN05.D | ICAL011922_2 | Cal | 5 | 0 | 2 | 5975CACQF.M |
| 19JAN06.D | ICAL011922_3 | Cal | 6 | 0 | 3 | 5975CACQF.M |
| 19JAN07.D | ICAL011922_4 | Cal | 7 | 0 | 4 | 5975CACQF.M |
| 19JAN09.D | ICAL011922_5 | Cal | 9 | 0 | 5 | 5975CACQF.M |
| 19JAN11.D | ICAL011922_6 | Cal | 11 | 0 | 6 | 5975CACQF.M |
| 19JAN13.D | ICAL011922_7 | Cal | 13 | 0 | 7 | 5975CACQF.M |
| 19JAN15.D | ICAL011922_8 | Cal | 15 | 0 | 8 | 5975CACQF.M |
| 19JAN17.D | ICV011922_ | QC | 17 | 0 | QC | 5975CACQF.M |

Quantitation Results

Compound: Dichlorodifluoromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 1.247 | 4690 | 794248 | 0.0059 | 4.3915 | 2.5000 | 175.7 |
| 19JAN05.D | Calibration | Fluorobenzene | 1.241 | 12682 | 803183 | 0.0158 | 11.7428 | 12.5000 | 93.9 |
| 19JAN06.D | Calibration | Fluorobenzene | 1.241 | 27745 | 818509 | 0.0339 | 25.2092 | 25.0000 | 100.8 |
| 19JAN07.D | Calibration | Fluorobenzene | 1.244 | 51785 | 806368 | 0.0642 | 47.7605 | 50.0000 | 95.5 |
| 19JAN09.D | Calibration | Fluorobenzene | 1.244 | 148367 | 854591 | 0.1736 | 129.1152 | 125.0000 | 103.3 |
| 19JAN11.D | Calibration | Fluorobenzene | 1.241 | 304740 | 874562 | 0.3484 | 259.1417 | 250.0000 | 103.7 |
| 19JAN13.D | Calibration | Fluorobenzene | 1.241 | 452793 | 894962 | 0.5059 | 376.2647 | 375.0000 | 100.3 |
| 19JAN15.D | Calibration | Fluorobenzene | 1.241 | 629961 | 914923 | 0.6885 | 512.0678 | 500.0000 | 102.4 |
| 19JAN17.D | QC | Fluorobenzene | 1.244 | 130579 | 886938 | 0.1472 | 109.4910 | 125.0000 | |

Compound: Chloromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 1.420 | 477 | 812130 | 0.0006 | 0.3708 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 1.411 | 6614 | 794248 | 0.0083 | 5.2603 | 2.5000 | 210.4 |
| 19JAN05.D | Calibration | Fluorobenzene | 1.411 | 15397 | 803183 | 0.0192 | 12.1094 | 12.5000 | 96.9 |
| 19JAN06.D | Calibration | Fluorobenzene | 1.408 | 33801 | 818509 | 0.0413 | 26.0860 | 25.0000 | 104.3 |
| 19JAN07.D | Calibration | Fluorobenzene | 1.408 | 63351 | 806368 | 0.0786 | 49.6275 | 50.0000 | 99.3 |
| 19JAN09.D | Calibration | Fluorobenzene | 1.408 | 170190 | 854591 | 0.1991 | 125.7991 | 125.0000 | 100.6 |
| 19JAN11.D | Calibration | Fluorobenzene | 1.409 | 346531 | 874562 | 0.3962 | 250.2957 | 250.0000 | 100.1 |
| 19JAN13.D | Calibration | Fluorobenzene | 1.408 | 529250 | 894962 | 0.5914 | 373.5581 | 375.0000 | 99.6 |
| 19JAN15.D | Calibration | Fluorobenzene | 1.409 | 718053 | 914923 | 0.7848 | 495.7627 | 500.0000 | 99.2 |

Quantitative Analysis Results Summary Report

Compound: Chloromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN17.D | QC | Fluorobenzene | 1.409 | 151864 | 886938 | 0.1712 | 108.1592 | 125.0000 | |

Compound: Vinyl chloride

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 1.501 | 450 | 812130 | 0.0006 | 0.3842 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 1.503 | 5818 | 794248 | 0.0073 | 5.0835 | 2.5000 | 203.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 1.498 | 14225 | 803183 | 0.0177 | 12.2910 | 12.5000 | 98.3 |
| 19JAN06.D | Calibration | Fluorobenzene | 1.498 | 30072 | 818509 | 0.0367 | 25.4969 | 25.0000 | 102.0 |
| 19JAN07.D | Calibration | Fluorobenzene | 1.495 | 55437 | 806368 | 0.0687 | 47.7105 | 50.0000 | 95.4 |
| 19JAN09.D | Calibration | Fluorobenzene | 1.498 | 153733 | 854591 | 0.1799 | 124.8408 | 125.0000 | 99.9 |
| 19JAN11.D | Calibration | Fluorobenzene | 1.498 | 326478 | 874562 | 0.3733 | 259.0664 | 250.0000 | 103.6 |
| 19JAN13.D | Calibration | Fluorobenzene | 1.498 | 479607 | 894962 | 0.5359 | 371.9021 | 375.0000 | 99.2 |
| 19JAN15.D | Calibration | Fluorobenzene | 1.498 | 669671 | 914923 | 0.7319 | 507.9543 | 500.0000 | 101.6 |
| 19JAN17.D | QC | Fluorobenzene | 1.498 | 147423 | 886938 | 0.1662 | 115.3506 | 125.0000 | |

Compound: Bromomethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 1.807 | 344 | 812130 | 0.0004 | 2.5579 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 1.804 | 2332 | 794248 | 0.0029 | 6.7043 | 2.5000 | 268.2 |
| 19JAN05.D | Calibration | Fluorobenzene | 1.799 | 5411 | 803183 | 0.0067 | 12.9499 | 12.5000 | 103.6 |
| 19JAN06.D | Calibration | Fluorobenzene | 1.802 | 12135 | 818509 | 0.0148 | 26.1400 | 25.0000 | 104.6 |
| 19JAN07.D | Calibration | Fluorobenzene | 1.796 | 22944 | 806368 | 0.0285 | 48.0600 | 50.0000 | 96.1 |
| 19JAN09.D | Calibration | Fluorobenzene | 1.799 | 59520 | 854591 | 0.0696 | 112.1810 | 125.0000 | 89.7 |
| 19JAN11.D | Calibration | Fluorobenzene | 1.796 | 153759 | 874562 | 0.1758 | 264.9993 | 250.0000 | 106.0 |
| 19JAN13.D | Calibration | Fluorobenzene | 1.793 | 235754 | 894962 | 0.2634 | 380.3767 | 375.0000 | 101.4 |
| 19JAN15.D | Calibration | Fluorobenzene | 1.793 | 324434 | 914923 | 0.3546 | 492.3720 | 500.0000 | 98.5 |
| 19JAN17.D | QC | Fluorobenzene | 1.796 | 69568 | 886938 | 0.0784 | 125.4753 | 125.0000 | |

Compound: Chloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 1.905 | 2651 | 794248 | 0.0033 | 4.8967 | 2.5000 | 195.9 |
| 19JAN05.D | Calibration | Fluorobenzene | 1.897 | 6576 | 803183 | 0.0082 | 12.0096 | 12.5000 | 96.1 |
| 19JAN06.D | Calibration | Fluorobenzene | 1.896 | 15096 | 818509 | 0.0184 | 27.0532 | 25.0000 | 108.2 |
| 19JAN07.D | Calibration | Fluorobenzene | 1.894 | 26569 | 806368 | 0.0329 | 48.3306 | 50.0000 | 96.7 |
| 19JAN09.D | Calibration | Fluorobenzene | 1.897 | 65407 | 854591 | 0.0765 | 112.2655 | 125.0000 | 89.8 |
| 19JAN11.D | Calibration | Fluorobenzene | 1.897 | 170795 | 874562 | 0.1953 | 286.4607 | 250.0000 | 114.6 |
| 19JAN13.D | Calibration | Fluorobenzene | 1.894 | 233233 | 894962 | 0.2606 | 382.2662 | 375.0000 | 101.9 |
| 19JAN15.D | Calibration | Fluorobenzene | 1.894 | 289150 | 914923 | 0.3160 | 463.5741 | 500.0000 | 92.7 |
| 19JAN17.D | QC | Fluorobenzene | 1.897 | 77755 | 886938 | 0.0877 | 128.5925 | 125.0000 | |

Quantitative Analysis Results Summary Report

Compound: Trichlorofluoromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 2.150 | 6220 | 794248 | 0.0078 | 4.5322 | 2.5000 | 181.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 2.148 | 16916 | 803183 | 0.0211 | 12.1888 | 12.5000 | 97.5 |
| 19JAN06.D | Calibration | Fluorobenzene | 2.145 | 35936 | 818509 | 0.0439 | 25.4088 | 25.0000 | 101.6 |
| 19JAN07.D | Calibration | Fluorobenzene | 2.142 | 66016 | 806368 | 0.0819 | 47.3799 | 50.0000 | 94.8 |
| 19JAN09.D | Calibration | Fluorobenzene | 2.147 | 193579 | 854591 | 0.2265 | 131.0926 | 125.0000 | 104.9 |
| 19JAN11.D | Calibration | Fluorobenzene | 2.145 | 379318 | 874562 | 0.4337 | 251.0100 | 250.0000 | 100.4 |
| 19JAN13.D | Calibration | Fluorobenzene | 2.145 | 569126 | 894962 | 0.6359 | 368.0290 | 375.0000 | 98.1 |
| 19JAN15.D | Calibration | Fluorobenzene | 2.142 | 811600 | 914923 | 0.8871 | 513.3762 | 500.0000 | 102.7 |
| 19JAN17.D | QC | Fluorobenzene | 2.145 | 172504 | 886938 | 0.1945 | 112.5600 | 125.0000 | |

Compound: 1,1-Dichloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 2.694 | 2342 | 794248 | 0.0029 | 2.9328 | 2.5000 | 117.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 2.703 | 9440 | 803183 | 0.0118 | 11.6900 | 12.5000 | 93.5 |
| 19JAN06.D | Calibration | Fluorobenzene | 2.700 | 20674 | 818509 | 0.0253 | 25.1221 | 25.0000 | 100.5 |
| 19JAN07.D | Calibration | Fluorobenzene | 2.702 | 38644 | 806368 | 0.0479 | 47.6655 | 50.0000 | 95.3 |
| 19JAN09.D | Calibration | Fluorobenzene | 2.702 | 105649 | 854591 | 0.1236 | 122.9596 | 125.0000 | 98.4 |
| 19JAN11.D | Calibration | Fluorobenzene | 2.700 | 233356 | 874562 | 0.2668 | 265.3896 | 250.0000 | 106.2 |
| 19JAN13.D | Calibration | Fluorobenzene | 2.700 | 344045 | 894962 | 0.3844 | 382.3544 | 375.0000 | 102.0 |
| 19JAN15.D | Calibration | Fluorobenzene | 2.700 | 479145 | 914923 | 0.5237 | 520.8803 | 500.0000 | 104.2 |
| 19JAN17.D | QC | Fluorobenzene | 2.700 | 113673 | 886938 | 0.1282 | 127.4734 | 125.0000 | |

Compound: Methylene chloride

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 3.341 | 2137 | 812130 | 0.0026 | 1.7999 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 3.327 | 4701 | 794248 | 0.0059 | 4.0490 | 2.5000 | 162.0 |
| 19JAN05.D | Calibration | Fluorobenzene | 3.330 | 15719 | 803183 | 0.0196 | 13.3883 | 12.5000 | 107.1 |
| 19JAN06.D | Calibration | Fluorobenzene | 3.333 | 32623 | 818509 | 0.0399 | 27.2657 | 25.0000 | 109.1 |
| 19JAN07.D | Calibration | Fluorobenzene | 3.327 | 58184 | 806368 | 0.0722 | 49.3612 | 50.0000 | 98.7 |
| 19JAN09.D | Calibration | Fluorobenzene | 3.333 | 149957 | 854591 | 0.1755 | 120.0395 | 125.0000 | 96.0 |
| 19JAN11.D | Calibration | Fluorobenzene | 3.330 | 310597 | 874562 | 0.3551 | 242.9531 | 250.0000 | 97.2 |
| 19JAN13.D | Calibration | Fluorobenzene | 3.330 | 470733 | 894962 | 0.5260 | 359.8205 | 375.0000 | 96.0 |
| 19JAN15.D | Calibration | Fluorobenzene | 3.333 | 641583 | 914923 | 0.7012 | 479.7159 | 500.0000 | 95.9 |
| 19JAN17.D | QC | Fluorobenzene | 3.333 | 152883 | 886938 | 0.1724 | 117.9185 | 125.0000 | |

Compound: trans-1,2-Dichloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|-------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 3.717 | 2132 | 794248 | 0.0027 | 2.5845 | 2.5000 | 103.4 |
| 19JAN05.D | Calibration | Fluorobenzene | 3.718 | 10455 | 803183 | 0.0130 | 12.5326 | 12.5000 | 100.3 |

Quantitative Analysis Results Summary Report

Compound: trans-1,2-Dichloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN06.D | Calibration | Fluorobenzene | 3.715 | 21348 | 818509 | 0.0261 | 25.1112 | 25.0000 | 100.4 |
| 19JAN07.D | Calibration | Fluorobenzene | 3.717 | 38732 | 806368 | 0.0480 | 46.2455 | 50.0000 | 92.5 |
| 19JAN09.D | Calibration | Fluorobenzene | 3.720 | 110255 | 854591 | 0.1290 | 124.2147 | 125.0000 | 99.4 |
| 19JAN11.D | Calibration | Fluorobenzene | 3.720 | 233769 | 874562 | 0.2673 | 257.3531 | 250.0000 | 102.9 |
| 19JAN13.D | Calibration | Fluorobenzene | 3.715 | 355984 | 894962 | 0.3978 | 382.9648 | 375.0000 | 102.1 |
| 19JAN15.D | Calibration | Fluorobenzene | 3.715 | 486383 | 914923 | 0.5316 | 511.8313 | 500.0000 | 102.4 |
| 19JAN17.D | QC | Fluorobenzene | 3.718 | 115302 | 886938 | 0.1300 | 125.1632 | 125.0000 | |

Compound: Methyl tert-butyl ether (MTBE)

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 3.762 | 2662 | 794248 | 0.0034 | 2.5817 | 2.5000 | 103.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 3.757 | 12721 | 803183 | 0.0158 | 12.2004 | 12.5000 | 97.6 |
| 19JAN06.D | Calibration | Fluorobenzene | 3.751 | 24989 | 818509 | 0.0305 | 23.5175 | 25.0000 | 94.1 |
| 19JAN07.D | Calibration | Fluorobenzene | 3.751 | 49617 | 806368 | 0.0615 | 47.3984 | 50.0000 | 94.8 |
| 19JAN09.D | Calibration | Fluorobenzene | 3.754 | 136973 | 854591 | 0.1603 | 123.4648 | 125.0000 | 98.8 |
| 19JAN11.D | Calibration | Fluorobenzene | 3.754 | 296029 | 874562 | 0.3385 | 260.7416 | 250.0000 | 104.3 |
| 19JAN13.D | Calibration | Fluorobenzene | 3.757 | 452747 | 894962 | 0.5059 | 389.6885 | 375.0000 | 103.9 |
| 19JAN15.D | Calibration | Fluorobenzene | 3.751 | 632731 | 914923 | 0.6916 | 532.7227 | 500.0000 | 106.5 |
| 19JAN17.D | QC | Fluorobenzene | 3.751 | 150210 | 886938 | 0.1694 | 130.4584 | 125.0000 | |

Compound: 1,1-Dichloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 4.378 | 4131 | 794248 | 0.0052 | 2.6757 | 2.5000 | 107.0 |
| 19JAN05.D | Calibration | Fluorobenzene | 4.381 | 18500 | 803183 | 0.0230 | 11.8493 | 12.5000 | 94.8 |
| 19JAN06.D | Calibration | Fluorobenzene | 4.384 | 40298 | 818509 | 0.0492 | 25.3277 | 25.0000 | 101.3 |
| 19JAN07.D | Calibration | Fluorobenzene | 4.384 | 75497 | 806368 | 0.0936 | 48.1651 | 50.0000 | 96.3 |
| 19JAN09.D | Calibration | Fluorobenzene | 4.378 | 205663 | 854591 | 0.2407 | 123.8038 | 125.0000 | 99.0 |
| 19JAN11.D | Calibration | Fluorobenzene | 4.381 | 442070 | 874562 | 0.5055 | 260.0378 | 250.0000 | 104.0 |
| 19JAN13.D | Calibration | Fluorobenzene | 4.381 | 658287 | 894962 | 0.7355 | 378.3961 | 375.0000 | 100.9 |
| 19JAN15.D | Calibration | Fluorobenzene | 4.381 | 921258 | 914923 | 1.0069 | 518.0035 | 500.0000 | 103.6 |
| 19JAN17.D | QC | Fluorobenzene | 4.378 | 218409 | 886938 | 0.2463 | 126.6815 | 125.0000 | |

Compound: 2,2-Dichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.181 | 3183 | 794248 | 0.0040 | 2.7359 | 2.5000 | 109.4 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.190 | 14213 | 803183 | 0.0177 | 12.0798 | 12.5000 | 96.6 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.193 | 30539 | 818509 | 0.0373 | 25.4695 | 25.0000 | 101.9 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.193 | 56651 | 806368 | 0.0703 | 47.9582 | 50.0000 | 95.9 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.193 | 153450 | 854591 | 0.1796 | 122.5736 | 125.0000 | 98.1 |

Quantitative Analysis Results Summary Report

Compound: 2,2-Dichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN11.D | Calibration | Fluorobenzene | 5.193 | 331689 | 874562 | 0.3793 | 258.8981 | 250.0000 | 103.6 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.195 | 501019 | 894962 | 0.5598 | 382.1537 | 375.0000 | 101.9 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.190 | 683822 | 914923 | 0.7474 | 510.2077 | 500.0000 | 102.0 |
| 19JAN17.D | QC | Fluorobenzene | 5.193 | 169689 | 886938 | 0.1913 | 130.6017 | 125.0000 | |

Compound: cis-1,2-Dichloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.215 | 2334 | 794248 | 0.0029 | 2.7941 | 2.5000 | 111.8 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.209 | 9874 | 803183 | 0.0123 | 11.6899 | 12.5000 | 93.5 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.215 | 20810 | 818509 | 0.0254 | 24.1758 | 25.0000 | 96.7 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.212 | 39093 | 806368 | 0.0485 | 46.0997 | 50.0000 | 92.2 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.215 | 112808 | 854591 | 0.1320 | 125.5204 | 125.0000 | 100.4 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.215 | 243087 | 874562 | 0.2780 | 264.3041 | 250.0000 | 105.7 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.215 | 369412 | 894962 | 0.4128 | 392.4995 | 375.0000 | 104.7 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.212 | 513671 | 914923 | 0.5614 | 533.8672 | 500.0000 | 106.8 |
| 19JAN17.D | QC | Fluorobenzene | 5.212 | 118223 | 886938 | 0.1333 | 126.7481 | 125.0000 | |

Compound: Methyl ethyl ketone

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.293 | 2962 | 794248 | 0.0037 | 24.5342 | 25.0000 | 98.1 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.288 | 15038 | 803183 | 0.0187 | 123.1947 | 125.0000 | 98.6 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.282 | 28861 | 818509 | 0.0353 | 232.0088 | 250.0000 | 92.8 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.285 | 58185 | 806368 | 0.0722 | 474.7821 | 500.0000 | 95.0 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.279 | 154105 | 854591 | 0.1803 | 1186.5197 | 1250.0000 | 94.9 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.279 | 348492 | 874562 | 0.3985 | 2621.9160 | 2500.0000 | 104.9 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.279 | 538796 | 894962 | 0.6020 | 3961.2871 | 3750.0000 | 105.6 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.279 | 752615 | 914923 | 0.8226 | 5412.5869 | 5000.0000 | 108.3 |
| 19JAN17.D | QC | Fluorobenzene | 5.282 | 160409 | 886938 | 0.1809 | 1190.0139 | 1250.0000 | |

Compound: Bromochloromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.516 | 901 | 794248 | 0.0011 | 2.6151 | 2.5000 | 104.6 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.516 | 4232 | 803183 | 0.0053 | 12.1514 | 12.5000 | 97.2 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.519 | 8977 | 818509 | 0.0110 | 25.2940 | 25.0000 | 101.2 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.511 | 17084 | 806368 | 0.0212 | 48.8614 | 50.0000 | 97.7 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.516 | 45958 | 854591 | 0.0538 | 124.0258 | 125.0000 | 99.2 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.516 | 99685 | 874562 | 0.1140 | 262.8745 | 250.0000 | 105.1 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.519 | 147182 | 894962 | 0.1645 | 379.2795 | 375.0000 | 101.1 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.519 | 195140 | 914923 | 0.2133 | 491.8934 | 500.0000 | 98.4 |

Quantitative Analysis Results Summary Report

Compound: Bromochloromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|-------|-----------|------------|------------|-----------|----------|
| 19JAN17.D | QC | Fluorobenzene | 5.519 | 45441 | 886938 | 0.0512 | 118.1582 | 125.0000 | |

Compound: Chloroform

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.656 | 4726 | 794248 | 0.0060 | 3.0658 | 2.5000 | 122.6 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.653 | 18593 | 803183 | 0.0231 | 11.9271 | 12.5000 | 95.4 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.647 | 38158 | 818509 | 0.0466 | 24.0194 | 25.0000 | 96.1 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.647 | 74048 | 806368 | 0.0918 | 47.3129 | 50.0000 | 94.6 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.653 | 196261 | 854591 | 0.2297 | 118.3246 | 125.0000 | 94.7 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.653 | 420250 | 874562 | 0.4805 | 247.5804 | 250.0000 | 99.0 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.653 | 641596 | 894962 | 0.7169 | 369.3654 | 375.0000 | 98.5 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.650 | 879544 | 914923 | 0.9613 | 495.3045 | 500.0000 | 99.1 |
| 19JAN17.D | QC | Fluorobenzene | 5.653 | 199758 | 886938 | 0.2252 | 116.0406 | 125.0000 | |

Compound: 1,1,1-Trichloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.834 | 3627 | 794248 | 0.0046 | 2.5502 | 2.5000 | 102.0 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.829 | 16614 | 803183 | 0.0207 | 11.5510 | 12.5000 | 92.4 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.828 | 36046 | 818509 | 0.0440 | 24.5919 | 25.0000 | 98.4 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.834 | 69594 | 806368 | 0.0863 | 48.1944 | 50.0000 | 96.4 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.831 | 189468 | 854591 | 0.2217 | 123.8043 | 125.0000 | 99.0 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.834 | 414139 | 874562 | 0.4735 | 264.4318 | 250.0000 | 105.8 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.834 | 616756 | 894962 | 0.6891 | 384.8283 | 375.0000 | 102.6 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.831 | 863441 | 914923 | 0.9437 | 526.9948 | 500.0000 | 105.4 |
| 19JAN17.D | QC | Fluorobenzene | 5.831 | 195526 | 886938 | 0.2205 | 123.1032 | 125.0000 | |

Compound: Dibromofluoromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 5.845 | 221291 | 812130 | 0.2725 | 281.3207 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 5.851 | 2660 | 794248 | 0.0033 | 3.4579 | 2.5000 | 138.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 5.845 | 9521 | 803183 | 0.0119 | 12.2386 | 12.5000 | 97.9 |
| 19JAN06.D | Calibration | Fluorobenzene | 5.851 | 19834 | 818509 | 0.0242 | 25.0179 | 25.0000 | 100.1 |
| 19JAN07.D | Calibration | Fluorobenzene | 5.848 | 38453 | 806368 | 0.0477 | 49.2335 | 50.0000 | 98.5 |
| 19JAN09.D | Calibration | Fluorobenzene | 5.851 | 100821 | 854591 | 0.1180 | 121.8025 | 125.0000 | 97.4 |
| 19JAN11.D | Calibration | Fluorobenzene | 5.851 | 221667 | 874562 | 0.2535 | 261.6821 | 250.0000 | 104.7 |
| 19JAN13.D | Calibration | Fluorobenzene | 5.845 | 325687 | 894962 | 0.3639 | 375.7157 | 375.0000 | 100.2 |
| 19JAN15.D | Calibration | Fluorobenzene | 5.845 | 448615 | 914923 | 0.4903 | 506.2357 | 500.0000 | 101.2 |
| 19JAN17.D | QC | Fluorobenzene | 5.848 | 198103 | 886938 | 0.2234 | 230.6011 | 250.0000 | |

Quantitative Analysis Results Summary Report

Compound: Carbon tetrachloride

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 6.035 | 3586 | 794248 | 0.0045 | 2.5993 | 2.5000 | 104.0 |
| 19JAN05.D | Calibration | Fluorobenzene | 6.024 | 15775 | 803183 | 0.0196 | 11.3084 | 12.5000 | 90.5 |
| 19JAN06.D | Calibration | Fluorobenzene | 6.026 | 34965 | 818509 | 0.0427 | 24.5955 | 25.0000 | 98.4 |
| 19JAN07.D | Calibration | Fluorobenzene | 6.026 | 66332 | 806368 | 0.0823 | 47.3626 | 50.0000 | 94.7 |
| 19JAN09.D | Calibration | Fluorobenzene | 6.024 | 183978 | 854591 | 0.2153 | 123.9520 | 125.0000 | 99.2 |
| 19JAN11.D | Calibration | Fluorobenzene | 6.027 | 404308 | 874562 | 0.4623 | 266.1753 | 250.0000 | 106.5 |
| 19JAN13.D | Calibration | Fluorobenzene | 6.026 | 604305 | 894962 | 0.6752 | 388.7744 | 375.0000 | 103.7 |
| 19JAN15.D | Calibration | Fluorobenzene | 6.027 | 851101 | 914923 | 0.9302 | 535.6026 | 500.0000 | 107.1 |
| 19JAN17.D | QC | Fluorobenzene | 6.024 | 187895 | 886938 | 0.2118 | 121.9742 | 125.0000 | |

Compound: 1,1-Dichloropropene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 6.052 | 2749 | 794248 | 0.0035 | 2.3833 | 2.5000 | 95.3 |
| 19JAN05.D | Calibration | Fluorobenzene | 6.041 | 12417 | 803183 | 0.0155 | 10.6461 | 12.5000 | 85.2 |
| 19JAN06.D | Calibration | Fluorobenzene | 6.035 | 27641 | 818509 | 0.0338 | 23.2550 | 25.0000 | 93.0 |
| 19JAN07.D | Calibration | Fluorobenzene | 6.038 | 52282 | 806368 | 0.0648 | 44.6484 | 50.0000 | 89.3 |
| 19JAN09.D | Calibration | Fluorobenzene | 6.040 | 156331 | 854591 | 0.1829 | 125.9718 | 125.0000 | 100.8 |
| 19JAN11.D | Calibration | Fluorobenzene | 6.038 | 350070 | 874562 | 0.4003 | 275.6455 | 250.0000 | 110.3 |
| 19JAN13.D | Calibration | Fluorobenzene | 6.043 | 531739 | 894962 | 0.5941 | 409.1480 | 375.0000 | 109.1 |
| 19JAN15.D | Calibration | Fluorobenzene | 6.038 | 746500 | 914923 | 0.8159 | 561.8648 | 500.0000 | 112.4 |
| 19JAN17.D | QC | Fluorobenzene | 6.040 | 158033 | 886938 | 0.1782 | 122.6990 | 125.0000 | |

Compound: 1,2-Dichloroethane-d4

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | 6.233 | 100892 | 812130 | 0.1242 | 296.9186 | | |
| 19JAN04.D | Calibration | Fluorobenzene | 6.241 | 979 | 794248 | 0.0012 | 2.9446 | 2.5000 | 117.8 |
| 19JAN05.D | Calibration | Fluorobenzene | 6.227 | 4197 | 803183 | 0.0052 | 12.4883 | 12.5000 | 99.9 |
| 19JAN06.D | Calibration | Fluorobenzene | 6.238 | 8619 | 818509 | 0.0105 | 25.1675 | 25.0000 | 100.7 |
| 19JAN07.D | Calibration | Fluorobenzene | 6.233 | 16425 | 806368 | 0.0204 | 48.6831 | 50.0000 | 97.4 |
| 19JAN09.D | Calibration | Fluorobenzene | 6.230 | 45314 | 854591 | 0.0530 | 126.7303 | 125.0000 | 101.4 |
| 19JAN11.D | Calibration | Fluorobenzene | 6.236 | 92919 | 874562 | 0.1062 | 253.9336 | 250.0000 | 101.6 |
| 19JAN13.D | Calibration | Fluorobenzene | 6.233 | 139362 | 894962 | 0.1557 | 372.1740 | 375.0000 | 99.2 |
| 19JAN15.D | Calibration | Fluorobenzene | 6.230 | 191123 | 914923 | 0.2089 | 499.2690 | 500.0000 | 99.9 |
| 19JAN17.D | QC | Fluorobenzene | 6.233 | 100187 | 886938 | 0.1130 | 269.9755 | 250.0000 | |

Compound: Benzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|-------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 6.275 | 8357 | 794248 | 0.0105 | 2.6339 | 2.5000 | 105.4 |
| 19JAN05.D | Calibration | Fluorobenzene | 6.286 | 37609 | 803183 | 0.0468 | 11.7214 | 12.5000 | 93.8 |

Quantitative Analysis Results Summary Report

Compound: Benzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|---------|-----------|------------|------------|-----------|----------|
| 19JAN06.D | Calibration | Fluorobenzene | 6.283 | 76658 | 818509 | 0.0937 | 23.4442 | 25.0000 | 93.8 |
| 19JAN07.D | Calibration | Fluorobenzene | 6.277 | 149512 | 806368 | 0.1854 | 46.4135 | 50.0000 | 92.8 |
| 19JAN09.D | Calibration | Fluorobenzene | 6.283 | 424881 | 854591 | 0.4972 | 124.4545 | 125.0000 | 99.6 |
| 19JAN11.D | Calibration | Fluorobenzene | 6.277 | 920174 | 874562 | 1.0522 | 263.3789 | 250.0000 | 105.4 |
| 19JAN13.D | Calibration | Fluorobenzene | 6.280 | 1403257 | 894962 | 1.5680 | 392.4951 | 375.0000 | 104.7 |
| 19JAN15.D | Calibration | Fluorobenzene | 6.280 | 1913180 | 914923 | 2.0911 | 523.4472 | 500.0000 | 104.7 |
| 19JAN17.D | QC | Fluorobenzene | 6.280 | 442173 | 886938 | 0.4985 | 124.7960 | 125.0000 | |

Compound: 1,2-Dichloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|---------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Fluorobenzene | | | 812130 | | ND | | |
| 19JAN04.D | Calibration | Fluorobenzene | 6.316 | 2542 | 794248 | 0.0032 | 2.9004 | 2.5000 | 116.0 |
| 19JAN05.D | Calibration | Fluorobenzene | 6.322 | 11123 | 803183 | 0.0138 | 12.5510 | 12.5000 | 100.4 |
| 19JAN06.D | Calibration | Fluorobenzene | 6.322 | 21778 | 818509 | 0.0266 | 24.1139 | 25.0000 | 96.5 |
| 19JAN07.D | Calibration | Fluorobenzene | 6.322 | 43538 | 806368 | 0.0540 | 48.9336 | 50.0000 | 97.9 |
| 19JAN09.D | Calibration | Fluorobenzene | 6.325 | 109046 | 854591 | 0.1276 | 115.6442 | 125.0000 | 92.5 |
| 19JAN11.D | Calibration | Fluorobenzene | 6.322 | 236845 | 874562 | 0.2708 | 245.4404 | 250.0000 | 98.2 |
| 19JAN13.D | Calibration | Fluorobenzene | 6.322 | 368750 | 894962 | 0.4120 | 373.4220 | 375.0000 | 99.6 |
| 19JAN15.D | Calibration | Fluorobenzene | 6.325 | 499614 | 914923 | 0.5461 | 494.9057 | 500.0000 | 99.0 |
| 19JAN17.D | QC | Fluorobenzene | 6.325 | 110579 | 886938 | 0.1247 | 112.9931 | 125.0000 | |

Compound: Trichloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 7.030 | 2545 | 316490 | 0.0080 | 2.6860 | 2.5000 | 107.4 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 7.022 | 10949 | 313722 | 0.0349 | 11.6577 | 12.5000 | 93.3 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 7.030 | 23390 | 321094 | 0.0728 | 24.3322 | 25.0000 | 97.3 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 7.030 | 44214 | 318877 | 0.1387 | 46.3149 | 50.0000 | 92.6 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 7.025 | 120511 | 330468 | 0.3647 | 121.8095 | 125.0000 | 97.4 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 7.028 | 265703 | 333271 | 0.7973 | 266.3072 | 250.0000 | 106.5 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 7.028 | 399934 | 333736 | 1.1984 | 400.2849 | 375.0000 | 106.7 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 7.028 | 553822 | 348824 | 1.5877 | 530.3320 | 500.0000 | 106.1 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 7.028 | 128332 | 337386 | 0.3804 | 127.0550 | 125.0000 | |

Compound: 1,2-Dichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 7.267 | 2351 | 316490 | 0.0074 | 2.8222 | 2.5000 | 112.9 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 7.273 | 9499 | 313722 | 0.0303 | 11.5033 | 12.5000 | 92.0 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 7.267 | 20331 | 321094 | 0.0633 | 24.0555 | 25.0000 | 96.2 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 7.270 | 38730 | 318877 | 0.1215 | 46.1437 | 50.0000 | 92.3 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 7.270 | 106955 | 330468 | 0.3236 | 122.9589 | 125.0000 | 98.4 |

Quantitative Analysis Results Summary Report

Compound: 1,2-Dichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 7.270 | 235120 | 333271 | 0.7055 | 268.0280 | 250.0000 | 107.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 7.270 | 352771 | 333736 | 1.0570 | 401.5854 | 375.0000 | 107.1 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 7.270 | 490282 | 348824 | 1.4055 | 533.9834 | 500.0000 | 106.8 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 7.273 | 111240 | 337386 | 0.3297 | 125.2628 | 125.0000 | |

Compound: Dibromomethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 7.398 | 1166 | 316490 | 0.0037 | 3.3195 | 2.5000 | 132.8 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 7.396 | 4088 | 313722 | 0.0130 | 11.7450 | 12.5000 | 94.0 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 7.398 | 9095 | 321094 | 0.0283 | 25.5304 | 25.0000 | 102.1 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 7.393 | 16899 | 318877 | 0.0530 | 47.7666 | 50.0000 | 95.5 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 7.398 | 44657 | 330468 | 0.1351 | 121.7998 | 125.0000 | 97.4 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 7.396 | 97445 | 333271 | 0.2924 | 263.5412 | 250.0000 | 105.4 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 7.396 | 143756 | 333736 | 0.4307 | 388.2481 | 375.0000 | 103.5 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 7.393 | 197367 | 348824 | 0.5658 | 509.9818 | 500.0000 | 102.0 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 7.399 | 44818 | 337386 | 0.1328 | 119.7325 | 125.0000 | |

Compound: Bromodichloromethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 7.588 | 2606 | 316490 | 0.0082 | 2.6393 | 2.5000 | 105.6 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 7.585 | 12025 | 313722 | 0.0383 | 12.2862 | 12.5000 | 98.3 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 7.585 | 24925 | 321094 | 0.0776 | 24.8816 | 25.0000 | 99.5 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 7.585 | 46426 | 318877 | 0.1456 | 46.6674 | 50.0000 | 93.3 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 7.580 | 124982 | 330468 | 0.3782 | 121.2255 | 125.0000 | 97.0 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 7.585 | 270436 | 333271 | 0.8115 | 260.1015 | 250.0000 | 104.0 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 7.583 | 408420 | 333736 | 1.2238 | 392.2653 | 375.0000 | 104.6 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 7.585 | 561671 | 348824 | 1.6102 | 516.1211 | 500.0000 | 103.2 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 7.583 | 131590 | 337386 | 0.3900 | 125.0178 | 125.0000 | |

Compound: cis-1,3-Dichloropropene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.057 | 3052 | 316490 | 0.0096 | 2.8168 | 2.5000 | 112.7 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.059 | 12472 | 313722 | 0.0398 | 11.6126 | 12.5000 | 92.9 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.057 | 24965 | 321094 | 0.0777 | 22.7111 | 25.0000 | 90.8 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.059 | 47339 | 318877 | 0.1485 | 43.3645 | 50.0000 | 86.7 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.059 | 139607 | 330468 | 0.4225 | 123.4003 | 125.0000 | 98.7 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.057 | 311156 | 333271 | 0.9336 | 272.7213 | 250.0000 | 109.1 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.057 | 471983 | 333736 | 1.4142 | 413.1062 | 375.0000 | 110.2 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.057 | 666084 | 348824 | 1.9095 | 557.7775 | 500.0000 | 111.6 |

Quantitative Analysis Results Summary Report

Compound: cis-1,3-Dichloropropene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.057 | 139981 | 337386 | 0.4149 | 121.1938 | 125.0000 | |

Compound: Toluene-d8

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | 8.322 | 833211 | 329825 | 2.5262 | 258.9413 | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.319 | 8454 | 316490 | 0.0267 | 2.7380 | 2.5000 | 109.5 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.319 | 33951 | 313722 | 0.1082 | 11.0927 | 12.5000 | 88.7 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.319 | 72066 | 321094 | 0.2244 | 23.0053 | 25.0000 | 92.0 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.322 | 142617 | 318877 | 0.4472 | 45.8435 | 50.0000 | 91.7 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.319 | 412799 | 330468 | 1.2491 | 128.0381 | 125.0000 | 102.4 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.322 | 885297 | 333271 | 2.6564 | 272.2835 | 250.0000 | 108.9 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.322 | 1329503 | 333736 | 3.9837 | 408.3346 | 375.0000 | 108.9 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.322 | 1826060 | 348824 | 5.2349 | 536.5850 | 500.0000 | 107.3 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.319 | 896928 | 337386 | 2.6585 | 272.4962 | 250.0000 | |

Compound: Toluene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.380 | 5454 | 316490 | 0.0172 | 2.6500 | 2.5000 | 106.0 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.386 | 21899 | 313722 | 0.0698 | 10.7342 | 12.5000 | 85.9 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.391 | 48441 | 321094 | 0.1509 | 23.1991 | 25.0000 | 92.8 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.386 | 92615 | 318877 | 0.2904 | 44.6630 | 50.0000 | 89.3 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.386 | 269549 | 330468 | 0.8157 | 125.4292 | 125.0000 | 100.3 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.388 | 587069 | 333271 | 1.7615 | 270.8830 | 250.0000 | 108.4 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.388 | 890126 | 333736 | 2.6672 | 410.1461 | 375.0000 | 109.4 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.389 | 1224192 | 348824 | 3.5095 | 539.6763 | 500.0000 | 107.9 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.389 | 277703 | 337386 | 0.8231 | 126.5738 | 125.0000 | |

Compound: trans-1,3-Dichloropropene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.639 | 2153 | 316490 | 0.0068 | 2.7242 | 2.5000 | 109.0 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.634 | 8755 | 313722 | 0.0279 | 11.1755 | 12.5000 | 89.4 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.637 | 18613 | 321094 | 0.0580 | 23.2136 | 25.0000 | 92.9 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.637 | 36009 | 318877 | 0.1129 | 45.2216 | 50.0000 | 90.4 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.637 | 102846 | 330468 | 0.3112 | 124.6280 | 125.0000 | 99.7 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.637 | 223772 | 333271 | 0.6714 | 268.8845 | 250.0000 | 107.6 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.637 | 345161 | 333736 | 1.0342 | 414.1677 | 375.0000 | 110.4 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.637 | 477330 | 348824 | 1.3684 | 547.9867 | 500.0000 | 109.6 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.637 | 105873 | 337386 | 0.3138 | 125.6654 | 125.0000 | |

Quantitative Analysis Results Summary Report

Compound: 1,1,2-Trichloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.818 | 1045 | 316490 | 0.0033 | 2.6009 | 2.5000 | 104.0 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.815 | 4762 | 313722 | 0.0152 | 11.9543 | 12.5000 | 95.6 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.821 | 9780 | 321094 | 0.0305 | 23.9876 | 25.0000 | 96.0 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.818 | 19237 | 318877 | 0.0603 | 47.5110 | 50.0000 | 95.0 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.818 | 52780 | 330468 | 0.1597 | 125.7824 | 125.0000 | 100.6 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.818 | 110317 | 333271 | 0.3310 | 260.6902 | 250.0000 | 104.3 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.815 | 167409 | 333736 | 0.5016 | 395.0532 | 375.0000 | 105.3 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.815 | 228423 | 348824 | 0.6548 | 515.7192 | 500.0000 | 103.1 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.815 | 52407 | 337386 | 0.1553 | 122.3326 | 125.0000 | |

Compound: Tetrachloroethene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.927 | 2190 | 316490 | 0.0069 | 2.6241 | 2.5000 | 105.0 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.938 | 8964 | 313722 | 0.0286 | 10.8355 | 12.5000 | 86.7 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.938 | 21156 | 321094 | 0.0659 | 24.9859 | 25.0000 | 99.9 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.935 | 38749 | 318877 | 0.1215 | 46.0820 | 50.0000 | 92.2 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.935 | 109194 | 330468 | 0.3304 | 125.3035 | 125.0000 | 100.2 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.938 | 231586 | 333271 | 0.6949 | 263.5170 | 250.0000 | 105.4 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.935 | 346235 | 333736 | 1.0375 | 393.4248 | 375.0000 | 104.9 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.935 | 486052 | 348824 | 1.3934 | 528.4090 | 500.0000 | 105.7 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.938 | 112100 | 337386 | 0.3323 | 126.0005 | 125.0000 | |

Compound: 1,3-Dichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 8.977 | 2260 | 316490 | 0.0071 | 2.7790 | 2.5000 | 111.2 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 8.985 | 9988 | 313722 | 0.0318 | 12.3902 | 12.5000 | 99.1 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 8.977 | 20205 | 321094 | 0.0629 | 24.4891 | 25.0000 | 98.0 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 8.977 | 38147 | 318877 | 0.1196 | 46.5568 | 50.0000 | 93.1 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 8.980 | 101384 | 330468 | 0.3068 | 119.3950 | 125.0000 | 95.5 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 8.982 | 223019 | 333271 | 0.6692 | 260.4297 | 250.0000 | 104.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 8.980 | 339654 | 333736 | 1.0177 | 396.0772 | 375.0000 | 105.6 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 8.980 | 468322 | 348824 | 1.3426 | 522.4977 | 500.0000 | 104.5 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 8.980 | 99920 | 337386 | 0.2962 | 115.2581 | 125.0000 | |

Compound: Chlorodibromomethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 9.205 | 2004 | 316490 | 0.0063 | 3.0962 | 2.5000 | 123.8 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 9.203 | 7984 | 313722 | 0.0254 | 12.4449 | 12.5000 | 99.6 |

Quantitative Analysis Results Summary Report

Compound: Chlorodibromomethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 9.205 | 15826 | 321094 | 0.0493 | 24.1020 | 25.0000 | 96.4 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 9.203 | 30000 | 318877 | 0.0941 | 46.0058 | 50.0000 | 92.0 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 9.206 | 83172 | 330468 | 0.2517 | 123.0729 | 125.0000 | 98.5 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 9.203 | 178171 | 333271 | 0.5346 | 261.4293 | 250.0000 | 104.6 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 9.203 | 269032 | 333736 | 0.8061 | 394.1991 | 375.0000 | 105.1 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 9.203 | 370474 | 348824 | 1.0621 | 519.3572 | 500.0000 | 103.9 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 9.206 | 81909 | 337386 | 0.2428 | 118.7188 | 125.0000 | |

Compound: 1,2-Dibromoethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 9.309 | 1089 | 316490 | 0.0034 | 2.4525 | 2.5000 | 98.1 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 9.306 | 4936 | 313722 | 0.0157 | 11.2192 | 12.5000 | 89.8 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 9.303 | 11412 | 321094 | 0.0355 | 25.3431 | 25.0000 | 101.4 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 9.303 | 20667 | 318877 | 0.0648 | 46.2152 | 50.0000 | 92.4 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 9.300 | 58489 | 330468 | 0.1770 | 126.2047 | 125.0000 | 101.0 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 9.303 | 124289 | 333271 | 0.3729 | 265.9291 | 250.0000 | 106.4 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 9.306 | 184921 | 333736 | 0.5541 | 395.1062 | 375.0000 | 105.4 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 9.303 | 253758 | 348824 | 0.7275 | 518.7332 | 500.0000 | 103.7 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 9.306 | 58586 | 337386 | 0.1736 | 123.8219 | 125.0000 | |

Compound: Chlorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 9.799 | 6152 | 316490 | 0.0194 | 2.7267 | 2.5000 | 109.1 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 9.797 | 26688 | 313722 | 0.0851 | 11.9332 | 12.5000 | 95.5 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 9.802 | 55632 | 321094 | 0.1733 | 24.3040 | 25.0000 | 97.2 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 9.802 | 106223 | 318877 | 0.3331 | 46.7283 | 50.0000 | 93.5 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 9.800 | 289340 | 330468 | 0.8755 | 122.8185 | 125.0000 | 98.3 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 9.802 | 625101 | 333271 | 1.8757 | 263.1099 | 250.0000 | 105.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 9.799 | 945250 | 333736 | 2.8323 | 397.3088 | 375.0000 | 105.9 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 9.802 | 1298233 | 348824 | 3.7217 | 522.0725 | 500.0000 | 104.4 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 9.802 | 307100 | 337386 | 0.9102 | 127.6842 | 125.0000 | |

Compound: 1,1,1,2-Tetrachloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 9.891 | 2284 | 316490 | 0.0072 | 2.8847 | 2.5000 | 115.4 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 9.894 | 9446 | 313722 | 0.0301 | 12.0378 | 12.5000 | 96.3 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 9.891 | 19516 | 321094 | 0.0608 | 24.2998 | 25.0000 | 97.2 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 9.889 | 37389 | 318877 | 0.1173 | 46.8776 | 50.0000 | 93.8 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 9.894 | 101500 | 330468 | 0.3071 | 122.7951 | 125.0000 | 98.2 |

Quantitative Analysis Results Summary Report

Compound: 1,1,1,2-Tetrachloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|--------|-----------|------------|------------|-----------|----------|
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 9.889 | 219325 | 333271 | 0.6581 | 263.1086 | 250.0000 | 105.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 9.889 | 329822 | 333736 | 0.9883 | 395.1127 | 375.0000 | 105.4 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 9.892 | 453261 | 348824 | 1.2994 | 519.5010 | 500.0000 | 103.9 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 9.892 | 102231 | 337386 | 0.3030 | 121.1435 | 125.0000 | |

Compound: Ethylbenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|-------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 9.922 | 8834 | 316490 | 0.0279 | 2.9089 | 2.5000 | 116.4 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 9.914 | 42980 | 313722 | 0.1370 | 11.9196 | 12.5000 | 95.4 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 9.917 | 91590 | 321094 | 0.2852 | 24.0921 | 25.0000 | 96.4 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 9.919 | 171854 | 318877 | 0.5389 | 44.7337 | 50.0000 | 89.5 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 9.919 | 505127 | 330468 | 1.5285 | 123.1021 | 125.0000 | 98.5 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 9.919 | 1116949 | 333271 | 3.3515 | 259.5637 | 250.0000 | 103.8 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 9.919 | 1697682 | 333736 | 5.0869 | 381.4483 | 375.0000 | 101.7 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 9.920 | 2354058 | 348824 | 6.7486 | 492.0069 | 500.0000 | 98.4 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 9.919 | 535079 | 337386 | 1.5860 | 127.5512 | 125.0000 | |

Compound: m+p-Xylenes

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|--------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 10.036 | 6744 | 316490 | 0.0213 | 6.1738 | 5.0000 | 123.5 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 10.037 | 31103 | 313722 | 0.0991 | 22.1645 | 25.0000 | 88.7 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 10.036 | 71705 | 321094 | 0.2233 | 47.5617 | 50.0000 | 95.1 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 10.039 | 136806 | 318877 | 0.4290 | 89.3329 | 100.0000 | 89.3 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 10.039 | 405724 | 330468 | 1.2277 | 248.1048 | 250.0000 | 99.2 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 10.039 | 887253 | 333271 | 2.6623 | 520.9218 | 500.0000 | 104.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 10.037 | 1334216 | 333736 | 3.9978 | 762.4509 | 750.0000 | 101.7 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 10.039 | 1838610 | 348824 | 5.2709 | 982.9557 | 1000.0000 | 98.3 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 10.037 | 413361 | 337386 | 1.2252 | 247.6085 | 250.0000 | |

Compound: o-Xylene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 10.432 | 2826 | 316490 | 0.0089 | 3.0886 | 2.5000 | 123.5 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 10.435 | 13717 | 313722 | 0.0437 | 11.3234 | 12.5000 | 90.6 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 10.427 | 30498 | 321094 | 0.0950 | 23.3834 | 25.0000 | 93.5 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 10.433 | 58814 | 318877 | 0.1844 | 44.2320 | 50.0000 | 88.5 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 10.433 | 179108 | 330468 | 0.5420 | 125.1872 | 125.0000 | 100.1 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 10.430 | 387676 | 333271 | 1.1632 | 257.9276 | 250.0000 | 103.2 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 10.433 | 598606 | 333736 | 1.7937 | 384.0157 | 375.0000 | 102.4 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 10.433 | 822173 | 348824 | 2.3570 | 490.5696 | 500.0000 | 98.1 |

Quantitative Analysis Results Summary Report

Compound: o-Xylene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN17.D | QC | Chlorobenzene-d5 | 10.430 | 184033 | 337386 | 0.5455 | 125.9585 | 125.0000 | |

Compound: Styrene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------|--------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | Chlorobenzene-d5 | | | 329825 | | ND | | |
| 19JAN04.D | Calibration | Chlorobenzene-d5 | 10.444 | 4834 | 316490 | 0.0153 | 3.1839 | 2.5000 | 127.4 |
| 19JAN05.D | Calibration | Chlorobenzene-d5 | 10.447 | 21872 | 313722 | 0.0697 | 10.9234 | 12.5000 | 87.4 |
| 19JAN06.D | Calibration | Chlorobenzene-d5 | 10.446 | 50294 | 321094 | 0.1566 | 23.2215 | 25.0000 | 92.9 |
| 19JAN07.D | Calibration | Chlorobenzene-d5 | 10.446 | 97810 | 318877 | 0.3067 | 44.2974 | 50.0000 | 88.6 |
| 19JAN09.D | Calibration | Chlorobenzene-d5 | 10.446 | 292722 | 330468 | 0.8858 | 123.7696 | 125.0000 | 99.0 |
| 19JAN11.D | Calibration | Chlorobenzene-d5 | 10.449 | 646327 | 333271 | 1.9393 | 261.6473 | 250.0000 | 104.7 |
| 19JAN13.D | Calibration | Chlorobenzene-d5 | 10.449 | 973131 | 333736 | 2.9159 | 382.7382 | 375.0000 | 102.1 |
| 19JAN15.D | Calibration | Chlorobenzene-d5 | 10.447 | 1332807 | 348824 | 3.8209 | 489.9958 | 500.0000 | 98.0 |
| 19JAN17.D | QC | Chlorobenzene-d5 | 10.449 | 306077 | 337386 | 0.9072 | 126.6563 | 125.0000 | |

Compound: Bromoform

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.633 | 928 | 241587 | 0.0038 | 2.8662 | 2.5000 | 114.6 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.631 | 4402 | 251947 | 0.0175 | 13.0389 | 12.5000 | 104.3 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.628 | 8920 | 258693 | 0.0345 | 25.7324 | 25.0000 | 102.9 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.628 | 16290 | 262955 | 0.0619 | 46.2317 | 50.0000 | 92.5 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.625 | 45045 | 278012 | 0.1620 | 120.9158 | 125.0000 | 96.7 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.625 | 96001 | 280059 | 0.3428 | 255.8151 | 250.0000 | 102.3 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.625 | 143943 | 286959 | 0.5016 | 374.3438 | 375.0000 | 99.8 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.625 | 198345 | 291918 | 0.6795 | 507.0612 | 500.0000 | 101.4 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 10.622 | 45029 | 283678 | 0.1587 | 118.4586 | 125.0000 | |

Compound: p-Bromofluorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | 10.951 | 244714 | 253834 | 0.9641 | 261.1079 | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.946 | 3195 | 241587 | 0.0132 | 3.5819 | 2.5000 | 143.3 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.954 | 10669 | 251947 | 0.0423 | 11.4690 | 12.5000 | 91.8 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.951 | 23160 | 258693 | 0.0895 | 24.2474 | 25.0000 | 97.0 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.954 | 45114 | 262955 | 0.1716 | 46.4666 | 50.0000 | 92.9 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.948 | 128330 | 278012 | 0.4616 | 125.0189 | 125.0000 | 100.0 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.951 | 277668 | 280059 | 0.9915 | 268.5266 | 250.0000 | 107.4 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.951 | 415878 | 286959 | 1.4493 | 392.5157 | 375.0000 | 104.7 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 10.951 | 572482 | 291918 | 1.9611 | 531.1436 | 500.0000 | 106.2 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 10.948 | 270628 | 283678 | 0.9540 | 258.3795 | 250.0000 | |

Quantitative Analysis Results Summary Report

Compound: Bromobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 2095 | 241587 | 0.0087 | 2.6633 | 2.5000 | 106.5 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.091 | 9784 | 251947 | 0.0388 | 11.9266 | 12.5000 | 95.4 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 20364 | 258693 | 0.0787 | 24.1762 | 25.0000 | 96.7 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 39639 | 262955 | 0.1507 | 46.2967 | 50.0000 | 92.6 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 112733 | 278012 | 0.4055 | 124.5365 | 125.0000 | 99.6 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 243851 | 280059 | 0.8707 | 267.4139 | 250.0000 | 107.0 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.093 | 361843 | 286959 | 1.2610 | 387.2660 | 375.0000 | 103.3 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.094 | 501025 | 291918 | 1.7163 | 527.1176 | 500.0000 | 105.4 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 11.091 | 118930 | 283678 | 0.4192 | 128.7582 | 125.0000 | |

Compound: 1,1,2,2-Tetrachloroethane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.116 | 1247 | 241587 | 0.0052 | 2.7802 | 2.5000 | 111.2 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.113 | 5757 | 251947 | 0.0229 | 12.3034 | 12.5000 | 98.4 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.116 | 12137 | 258693 | 0.0469 | 25.2618 | 25.0000 | 101.0 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.113 | 24493 | 262955 | 0.0931 | 50.1531 | 50.0000 | 100.3 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.113 | 62640 | 278012 | 0.2253 | 121.3181 | 125.0000 | 97.1 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.110 | 133573 | 280059 | 0.4769 | 256.8068 | 250.0000 | 102.7 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.113 | 199230 | 286959 | 0.6943 | 373.8283 | 375.0000 | 99.7 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.113 | 273124 | 291918 | 0.9356 | 503.7746 | 500.0000 | 100.8 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 11.110 | 65177 | 283678 | 0.2298 | 123.7103 | 125.0000 | |

Compound: 1,2,3-Trichloropropane

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|-------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.149 | 358 | 241587 | 0.0015 | 3.0373 | 2.5000 | 121.5 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.147 | 1522 | 251947 | 0.0060 | 12.3825 | 12.5000 | 99.1 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.144 | 3237 | 258693 | 0.0125 | 25.6435 | 25.0000 | 102.6 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.149 | 6147 | 262955 | 0.0234 | 47.9073 | 50.0000 | 95.8 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.152 | 16355 | 278012 | 0.0588 | 120.5610 | 125.0000 | 96.4 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.146 | 36124 | 280059 | 0.1290 | 264.3420 | 250.0000 | 105.7 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.149 | 52732 | 286959 | 0.1838 | 376.5948 | 375.0000 | 100.4 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.149 | 71179 | 291918 | 0.2438 | 499.7018 | 500.0000 | 99.9 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 11.152 | 16507 | 283678 | 0.0582 | 119.2511 | 125.0000 | |

Compound: 2-Chlorotoluene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.289 | 2035 | 241587 | 0.0084 | 2.6139 | 2.5000 | 104.6 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.292 | 9032 | 251947 | 0.0358 | 11.1243 | 12.5000 | 89.0 |

Quantitative Analysis Results Summary Report

Compound: 2-Chlorotoluene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.291 | 20511 | 258693 | 0.0793 | 24.6038 | 25.0000 | 98.4 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.291 | 37139 | 262955 | 0.1412 | 43.8276 | 50.0000 | 87.7 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.291 | 114135 | 278012 | 0.4105 | 127.3956 | 125.0000 | 101.9 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.291 | 247831 | 280059 | 0.8849 | 274.6030 | 250.0000 | 109.8 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.291 | 365790 | 286959 | 1.2747 | 395.5589 | 375.0000 | 105.5 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.292 | 506556 | 291918 | 1.7353 | 538.4753 | 500.0000 | 107.7 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 11.291 | 117036 | 283678 | 0.4126 | 128.0245 | 125.0000 | |

Compound: 4-Chlorotoluene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|---------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 5544 | 241587 | 0.0229 | 2.1986 | 2.5000 | 87.9 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 26850 | 251947 | 0.1066 | 10.2102 | 12.5000 | 81.7 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.403 | 64162 | 258693 | 0.2480 | 23.7626 | 25.0000 | 95.1 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 125553 | 262955 | 0.4775 | 45.7452 | 50.0000 | 91.5 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 375931 | 278012 | 1.3522 | 129.5521 | 125.0000 | 103.6 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.397 | 814408 | 280059 | 2.9080 | 278.6073 | 250.0000 | 111.4 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 1209058 | 286959 | 4.2133 | 403.6708 | 375.0000 | 107.6 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 11.400 | 1661293 | 291918 | 5.6910 | 545.2370 | 500.0000 | 109.0 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 11.400 | 395846 | 283678 | 1.3954 | 133.6905 | 125.0000 | |

Compound: 1,3-Dichlorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.030 | 3715 | 241587 | 0.0154 | 2.6066 | 2.5000 | 104.3 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 17111 | 251947 | 0.0679 | 11.5123 | 12.5000 | 92.1 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.028 | 37763 | 258693 | 0.1460 | 24.7445 | 25.0000 | 99.0 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 73221 | 262955 | 0.2785 | 47.2010 | 50.0000 | 94.4 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 200403 | 278012 | 0.7208 | 122.1906 | 125.0000 | 97.8 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 436562 | 280059 | 1.5588 | 264.2369 | 250.0000 | 105.7 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 652775 | 286959 | 2.2748 | 385.6033 | 375.0000 | 102.8 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.033 | 895336 | 291918 | 3.0671 | 519.9029 | 500.0000 | 104.0 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 12.036 | 214054 | 283678 | 0.7546 | 127.9071 | 125.0000 | |

Compound: 1,4-Dichlorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 3952 | 241587 | 0.0164 | 2.7200 | 2.5000 | 108.8 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.125 | 17730 | 251947 | 0.0704 | 11.7008 | 12.5000 | 93.6 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 38799 | 258693 | 0.1500 | 24.9375 | 25.0000 | 99.8 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 72168 | 262955 | 0.2745 | 45.6332 | 50.0000 | 91.3 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 205880 | 278012 | 0.7405 | 123.1312 | 125.0000 | 98.5 |

Quantitative Analysis Results Summary Report

Compound: 1,4-Dichlorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 438291 | 280059 | 1.5650 | 260.2139 | 250.0000 | 104.1 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.122 | 656962 | 286959 | 2.2894 | 380.6606 | 375.0000 | 101.5 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.123 | 899595 | 291918 | 3.0817 | 512.3936 | 500.0000 | 102.5 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 12.122 | 216533 | 283678 | 0.7633 | 126.9159 | 125.0000 | |

Compound: 1,2-Dichlorobenzene

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|-----------|-------------|------------------------|--------|--------|-----------|------------|------------|-----------|----------|
| 19JAN03.D | Blank | 1,4-Dichlorobenzene-d4 | | | 253834 | | ND | | |
| 19JAN04.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.488 | 3048 | 241587 | 0.0126 | 2.5616 | 2.5000 | 102.5 |
| 19JAN05.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.496 | 14345 | 251947 | 0.0569 | 11.5601 | 12.5000 | 92.5 |
| 19JAN06.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.496 | 31975 | 258693 | 0.1236 | 25.0956 | 25.0000 | 100.4 |
| 19JAN07.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.493 | 59208 | 262955 | 0.2252 | 45.7163 | 50.0000 | 91.4 |
| 19JAN09.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.493 | 169723 | 278012 | 0.6105 | 123.9507 | 125.0000 | 99.2 |
| 19JAN11.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.493 | 366153 | 280059 | 1.3074 | 265.4514 | 250.0000 | 106.2 |
| 19JAN13.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.493 | 546389 | 286959 | 1.9041 | 386.5930 | 375.0000 | 103.1 |
| 19JAN15.D | Calibration | 1,4-Dichlorobenzene-d4 | 12.493 | 753439 | 291918 | 2.5810 | 524.0336 | 500.0000 | 104.8 |
| 19JAN17.D | QC | 1,4-Dichlorobenzene-d4 | 12.493 | 177148 | 283678 | 0.6245 | 126.7893 | 125.0000 | |

Initial Calibration Report - VOA5975C

Method Path \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL
 Method File VOA5975C_8260B_SHT_DoD_L4_011922.m
 Batch Name D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin
 Last Calib Update 1/20/2022 9:28:12 AM

| Level Name | Calibration Files | Acq. Date-Time | Level Last Update Time |
|------------|---|-----------------------|------------------------|
| 1 | D:\Org\Data\VOA5975C\VG011922\19JAN04.D | 1/19/2022 10:48:21 AM | 1/20/2022 9:28:12 AM |
| 2 | D:\Org\Data\VOA5975C\VG011922\19JAN05.D | 1/19/2022 11:15:33 AM | 1/20/2022 9:28:12 AM |
| 3 | D:\Org\Data\VOA5975C\VG011922\19JAN06.D | 1/19/2022 11:42:44 AM | 1/20/2022 9:28:12 AM |
| 4 | D:\Org\Data\VOA5975C\VG011922\19JAN07.D | 1/19/2022 12:09:57 PM | 1/20/2022 9:28:12 AM |
| 5 | D:\Org\Data\VOA5975C\VG011922\19JAN09.D | 1/19/2022 1:04:20 PM | 1/20/2022 9:28:12 AM |
| 6 | D:\Org\Data\VOA5975C\VG011922\19JAN11.D | 1/19/2022 1:58:41 PM | 1/20/2022 9:28:12 AM |
| 7 | D:\Org\Data\VOA5975C\VG011922\19JAN13.D | 1/19/2022 2:53:18 PM | 1/20/2022 9:28:12 AM |
| 8 | D:\Org\Data\VOA5975C\VG011922\19JAN15.D | 1/19/2022 3:47:49 PM | 1/20/2022 9:28:12 AM |

| Compound | Curve Fit | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Avg RF | %RSD |
|----------------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|
| ----- ISTD ----- | | | | | | | | | | | |
| I Fluorobenzene | | | | | | | | | | | |
| T Dichlorodifluoromethane | Avg RF | | 0.3158 | 0.3390 | 0.3211 | 0.3472 | 0.3484 | 0.3373 | 0.3443 | 0.3362 | 3.821 |
| T Chloromethane | Avg RF | | 0.3834 | 0.4130 | 0.3928 | 0.3983 | 0.3962 | 0.3942 | 0.3924 | 0.3958 | 2.254 |
| T Vinyl chloride | Avg RF | | 0.3542 | 0.3674 | 0.3437 | 0.3598 | 0.3733 | 0.3573 | 0.3660 | 0.3602 | 2.711 |
| T Bromomethane | Quadratic | | 0.1347 | 0.1483 | 0.1423 | 0.1393 | 0.1758 | 0.1756 | 0.1773 | 0.1562 | 12.289 |
| T Chloroethane | Avg RF | | 0.1637 | 0.1844 | 0.1647 | 0.1531 | 0.1953 | 0.1737 | 0.1580 | 0.1704 | 8.825 |
| T Trichlorofluoromethane | Avg RF | | 0.4212 | 0.4390 | 0.4093 | 0.4530 | 0.4337 | 0.4239 | 0.4435 | 0.4320 | 3.437 |
| T 1,1-Dichloroethene | Avg RF | | 0.2351 | 0.2526 | 0.2396 | 0.2473 | 0.2668 | 0.2563 | 0.2618 | 0.2514 | 4.580 |
| T Methylene chloride | Avg RF | | 0.3914 | 0.3986 | 0.3608 | 0.3509 | 0.3551 | 0.3507 | 0.3506 | 0.3654 | 5.639 |
| T trans-1,2-Dichloroethene | Avg RF | | 0.2603 | 0.2608 | 0.2402 | 0.2580 | 0.2673 | 0.2652 | 0.2658 | 0.2597 | 3.554 |
| T Methyl tert-butyl ether (MTBE) | Avg RF | | 0.3168 | 0.3053 | 0.3077 | 0.3206 | 0.3385 | 0.3373 | 0.3458 | 0.3245 | 4.935 |
| T 1,1-Dichloroethane | Avg RF | | 0.4607 | 0.4923 | 0.4681 | 0.4813 | 0.5055 | 0.4904 | 0.5035 | 0.4860 | 3.491 |
| T 2,2-Dichloropropane | Avg RF | | 0.3539 | 0.3731 | 0.3513 | 0.3591 | 0.3793 | 0.3732 | 0.3737 | 0.3662 | 3.048 |
| T cis-1,2-Dichloroethene | Avg RF | | 0.2459 | 0.2542 | 0.2424 | 0.2640 | 0.2780 | 0.2752 | 0.2807 | 0.2629 | 5.976 |
| T Methyl ethyl ketone | Avg RF | | 0.0374 | 0.0353 | 0.0361 | 0.0361 | 0.0398 | 0.0401 | 0.0411 | 0.0380 # | 6.174 |
| T Bromochloromethane | Avg RF | | 0.1054 | 0.1097 | 0.1059 | 0.1076 | 0.1140 | 0.1096 | 0.1066 | 0.1084 | 2.751 |
| T Chloroform | Avg RF | 0.5950 | 0.4630 | 0.4662 | 0.4591 | 0.4593 | 0.4805 | 0.4779 | 0.4807 | 0.4852 | 9.335 |
| T 1,1,1-Trichloroethane | Avg RF | | 0.4137 | 0.4404 | 0.4315 | 0.4434 | 0.4735 | 0.4594 | 0.4719 | 0.4477 | 4.892 |
| S Dibromofluoromethane | Avg RF | | 0.2371 | 0.2423 | 0.2384 | 0.2360 | 0.2535 | 0.2426 | 0.2452 | 0.2421 | 2.473 |
| T Carbon tetrachloride | Avg RF | | 0.3928 | 0.4272 | 0.4113 | 0.4306 | 0.4623 | 0.4502 | 0.4651 | 0.4342 | 6.165 |
| T 1,1-Dichloropropene | Avg RF | | 0.3092 | 0.3377 | 0.3242 | 0.3659 | 0.4003 | 0.3961 | 0.4080 | 0.3630 | 10.993 |
| S 1,2-Dichloroethane-d4 | Avg RF | | 0.1045 | 0.1053 | 0.1018 | 0.1060 | 0.1062 | 0.1038 | 0.1044 | 0.1046 | 1.436 |
| T Benzene | Avg RF | 1.0522 | 0.9365 | 0.9366 | 0.9271 | 0.9943 | 1.0522 | 1.0453 | 1.0455 | 0.9987 | 5.735 |
| T 1,2-Dichloroethane | Avg RF | 0.3200 | 0.2770 | 0.2661 | 0.2700 | 0.2552 | 0.2708 | 0.2747 | 0.2730 | 0.2758 | 6.912 |
| ----- ISTD ----- | | | | | | | | | | | |
| I Chlorobenzene-d5 | | | | | | | | | | | |
| T Trichloroethene | Avg RF | | 0.6980 | 0.7284 | 0.6933 | 0.7293 | 0.7973 | 0.7989 | 0.7938 | 0.7484 | 6.301 |
| T 1,2-Dichloropropane | Avg RF | | 0.6056 | 0.6332 | 0.6073 | 0.6473 | 0.7055 | 0.7047 | 0.7028 | 0.6580 | 6.934 |
| T Dibromomethane | Avg RF | | 0.2606 | 0.2833 | 0.2650 | 0.2703 | 0.2924 | 0.2872 | 0.2829 | 0.2774 | 4.345 |
| T Bromodichloromethane | Avg RF | | 0.7666 | 0.7763 | 0.7280 | 0.7564 | 0.8115 | 0.8159 | 0.8051 | 0.7799 | 4.176 |

Initial Calibration Report - VOA5975C

| Compound | Curve Fit | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Avg RF | %RSD |
|-----------------------------|-----------|--------|--------|--------|--------|--------|------------------|--------|--------|--------|--------|
| T cis-1,3-Dichloropropene | Avg RF | | 0.7951 | 0.7775 | 0.7423 | 0.8449 | 0.9336 | 0.9428 | 0.9548 | 0.8559 | 10.258 |
| S Toluene-d8 | Avg RF | | 2.1644 | 2.2444 | 2.2362 | 2.4983 | 2.6564 | 2.6558 | 2.6175 | 2.4390 | 8.920 |
| T Toluene | Avg RF | 1.7233 | 1.3961 | 1.5086 | 1.4522 | 1.6313 | 1.7615 | 1.7781 | 1.7547 | 1.6257 | 9.427 |
| T trans-1,3-Dichloropropene | Avg RF | | 0.5581 | 0.5797 | 0.5646 | 0.6224 | 0.6714 | 0.6895 | 0.6842 | 0.6243 | 9.247 |
| T 1,1,2-Trichloroethane | Avg RF | | 0.3036 | 0.3046 | 0.3016 | 0.3194 | 0.3310 | 0.3344 | 0.3274 | 0.3174 | 4.423 |
| T Tetrachloroethene | Avg RF | 0.6920 | 0.5715 | 0.6589 | 0.6076 | 0.6608 | 0.6949 | 0.6916 | 0.6967 | 0.6592 | 7.062 |
| T 1,3-Dichloropropane | Avg RF | | 0.6367 | 0.6293 | 0.5981 | 0.6136 | 0.6692 | 0.6785 | 0.6713 | 0.6424 | 4.860 |
| T Chlorodibromomethane | Avg RF | | 0.5090 | 0.4929 | 0.4704 | 0.5034 | 0.5346 | 0.5374 | 0.5310 | 0.5112 | 4.854 |
| T 1,2-Dibromoethane | Avg RF | | 0.3147 | 0.3554 | 0.3241 | 0.3540 | 0.3729 | 0.3694 | 0.3637 | 0.3506 | 6.435 |
| T Chlorobenzene | Avg RF | | 1.7014 | 1.7326 | 1.6656 | 1.7511 | 1.8757 | 1.8882 | 1.8609 | 1.7822 | 5.108 |
| T 1,1,1,2-Tetrachloroethane | Avg RF | | 0.6022 | 0.6078 | 0.5863 | 0.6143 | 0.6581 | 0.6588 | 0.6497 | 0.6253 | 4.745 |
| T Ethylbenzene | Quadratic | 2.7912 | 2.7400 | 2.8524 | 2.6947 | 3.0570 | 3.3515 | 3.3913 | 3.3743 | 3.0316 | 9.960 |
| T m+p-Xylenes | Quadratic | 1.0654 | 0.9914 | 1.1166 | 1.0726 | 1.2277 | 1.3311 | 1.3326 | 1.3177 | 1.1819 | 11.601 |
| T o-Xylene | Quadratic | 0.8929 | 0.8745 | 0.9498 | 0.9222 | 1.0840 | 1.1632 | 1.1958 | 1.1785 | 1.0326 | 13.257 |
| T Styrene | Quadratic | 1.5274 | 1.3944 | 1.5663 | 1.5337 | 1.7716 | 1.9393 | 1.9439 | 1.9104 | 1.6984 | 12.879 |
| I 1,4-Dichlorobenzene-d4 | | | | | | | ----- ISTD ----- | | | | |
| T Bromoform | Avg RF | | 0.3494 | 0.3448 | 0.3097 | 0.3241 | 0.3428 | 0.3344 | 0.3397 | 0.3350 | 4.125 |
| S p-Bromofluorobenzene | Avg RF | | 0.8469 | 0.8953 | 0.8578 | 0.9232 | 0.9915 | 0.9662 | 0.9806 | 0.9231 | 6.358 |
| T Bromobenzene | Avg RF | | 0.7767 | 0.7872 | 0.7537 | 0.8110 | 0.8707 | 0.8406 | 0.8582 | 0.8140 | 5.409 |
| T 1,1,2,2-Tetrachloroethane | Avg RF | | 0.4570 | 0.4692 | 0.4657 | 0.4506 | 0.4769 | 0.4629 | 0.4678 | 0.4643 | 1.845 |
| T 1,2,3-Trichloropropane | Avg RF | | 0.1208 | 0.1251 | 0.1169 | 0.1177 | 0.1290 | 0.1225 | 0.1219 | 0.1220 | 3.434 |
| T 2-Chlorotoluene | Avg RF | | 0.7170 | 0.7929 | 0.7062 | 0.8211 | 0.8849 | 0.8498 | 0.8676 | 0.8056 | 8.811 |
| T 4-Chlorotoluene | Avg RF | | 2.1314 | 2.4802 | 2.3873 | 2.7044 | 2.9080 | 2.8089 | 2.8455 | 2.6094 | 10.931 |
| T 1,3-Dichlorobenzene | Avg RF | 1.5377 | 1.3583 | 1.4598 | 1.3923 | 1.4417 | 1.5588 | 1.5165 | 1.5335 | 1.4748 | 4.990 |
| T 1,4-Dichlorobenzene | Avg RF | 1.6358 | 1.4074 | 1.4998 | 1.3723 | 1.4811 | 1.5650 | 1.5263 | 1.5408 | 1.5036 | 5.631 |
| T 1,2-Dichlorobenzene | Avg RF | 1.2617 | 1.1387 | 1.2360 | 1.1258 | 1.2210 | 1.3074 | 1.2694 | 1.2905 | 1.2313 | 5.447 |

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Compounds with Curve fitting not using Avg Response Factor:

| Compound | Curve Fit | Curve Fit Formula | Curve Fit R2 |
|----------------|-----------|--|--------------|
| T Bromomethane | Quadratic | $y = 0.015061 * x ^ 2 + 0.150956 * x - 0.001123$ | 0.997553 |
| T Ethylbenzene | Quadratic | $y = 0.212781 * x ^ 2 + 3.013988 * x - 0.007186$ | 0.998933 |
| T m+p-Xylenes | Quadratic | $y = 0.032978 * x ^ 2 + 1.213111 * x - 0.008669$ | 0.998704 |
| T o-Xylene | Quadratic | $y = 0.077136 * x ^ 2 + 1.051862 * x - 0.004078$ | 0.998666 |
| T Styrene | Quadratic | $y = 0.102118 * x ^ 2 + 1.752890 * x - 0.007067$ | 0.998333 |

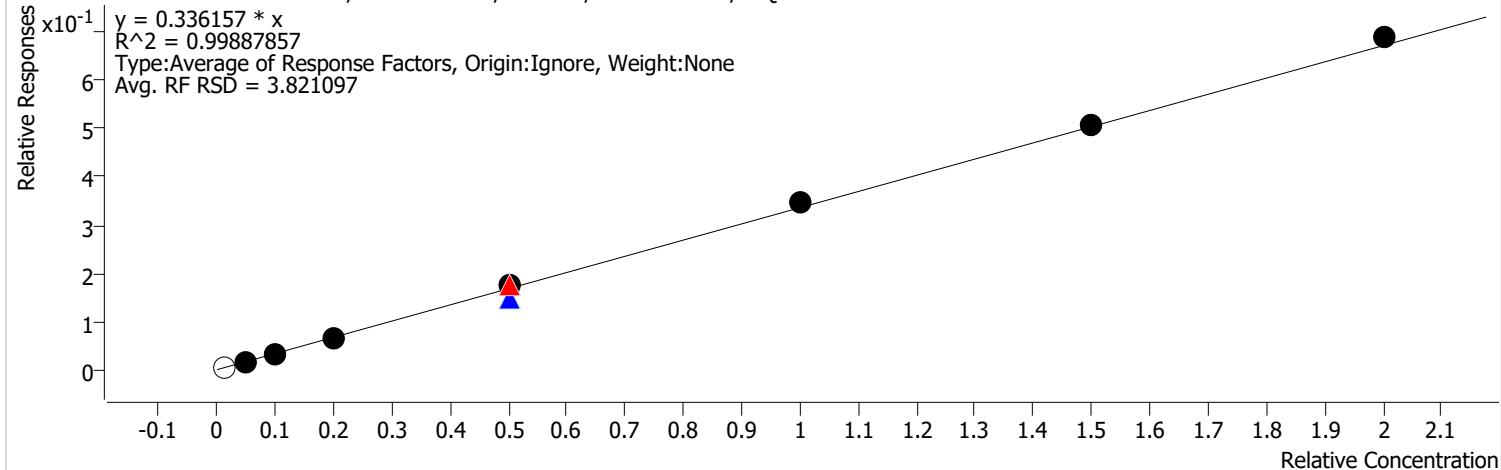
(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
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| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:39 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Dichlorodifluoromethane %RSE = 3.8

Dichlorodifluoromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



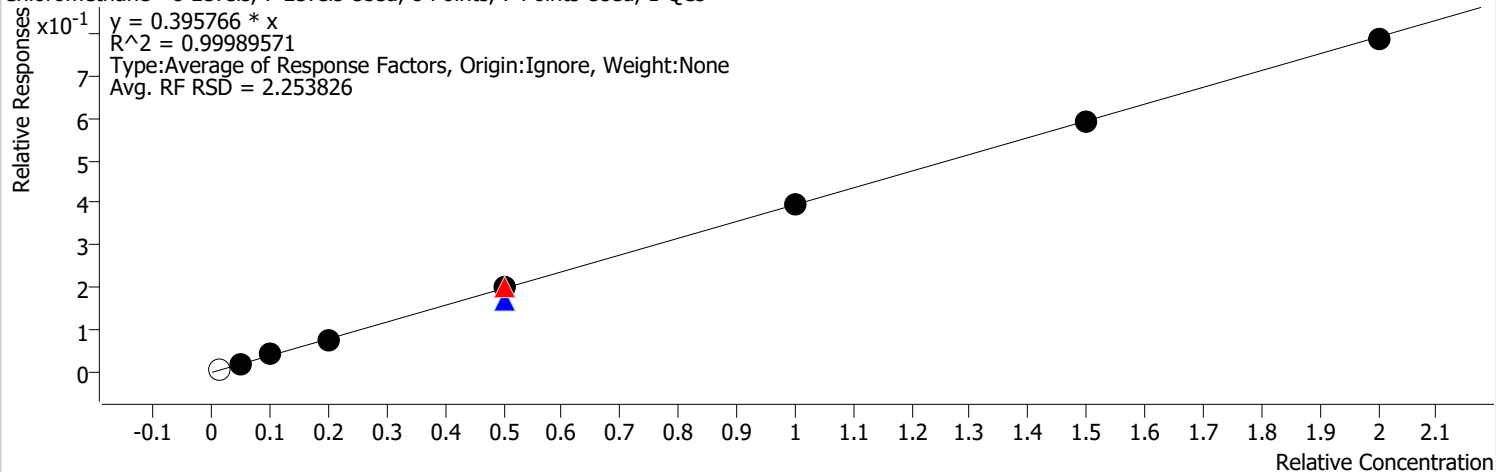
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 4690 | 2.5000 | 0.5905 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 12682 | 12.5000 | 0.3158 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 27745 | 25.0000 | 0.3390 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 51785 | 50.0000 | 0.3211 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 148367 | 125.0000 | 0.3472 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 130579 | 125.0000 | 0.2944 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 148367 | 125.0000 | 0.3472 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 304740 | 250.0000 | 0.3484 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 452793 | 375.0000 | 0.3373 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 629961 | 500.0000 | 0.3443 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Chloromethane %RSE = 2.3

Chloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

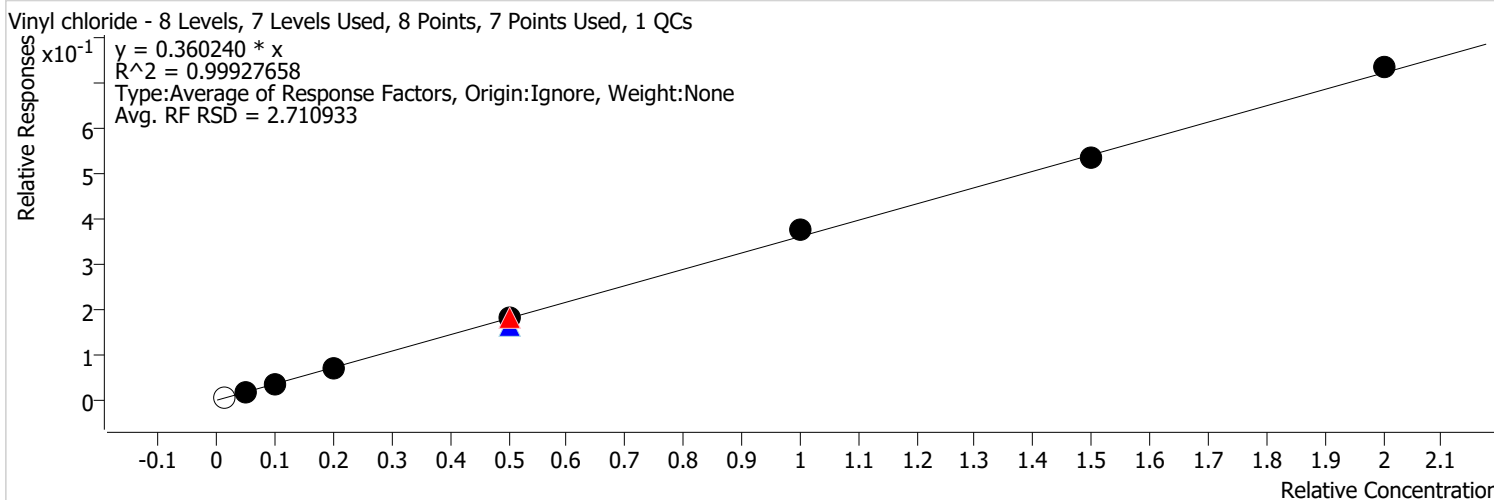


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 6614 | 2.5000 | 0.8327 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 15397 | 12.5000 | 0.3834 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 33801 | 25.0000 | 0.4130 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 63351 | 50.0000 | 0.3928 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 170190 | 125.0000 | 0.3983 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 151864 | 125.0000 | 0.3424 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 170190 | 125.0000 | 0.3983 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 346531 | 250.0000 | 0.3962 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 529250 | 375.0000 | 0.3942 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 718053 | 500.0000 | 0.3924 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Vinyl chloride %RSE = 2.7



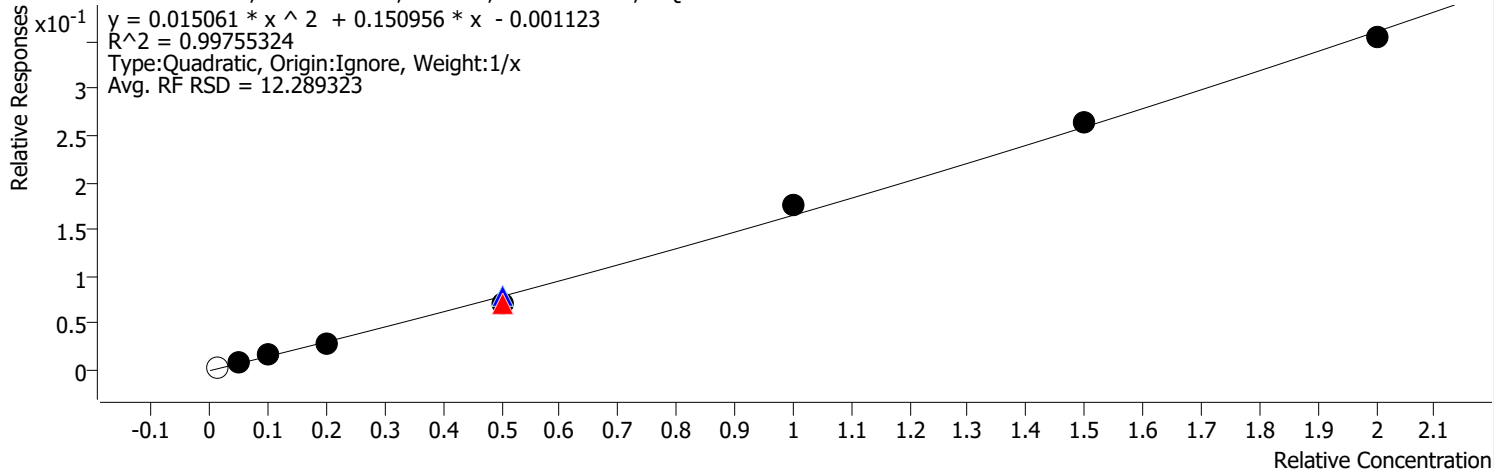
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 5818 | 2.5000 | 0.7325 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 14225 | 12.5000 | 0.3542 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 30072 | 25.0000 | 0.3674 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 55437 | 50.0000 | 0.3437 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 153733 | 125.0000 | 0.3598 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 147423 | 125.0000 | 0.3324 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 153733 | 125.0000 | 0.3598 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 326478 | 250.0000 | 0.3733 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 479607 | 375.0000 | 0.3573 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 669671 | 500.0000 | 0.3660 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Bromomethane %RSE = 7.0

Bromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



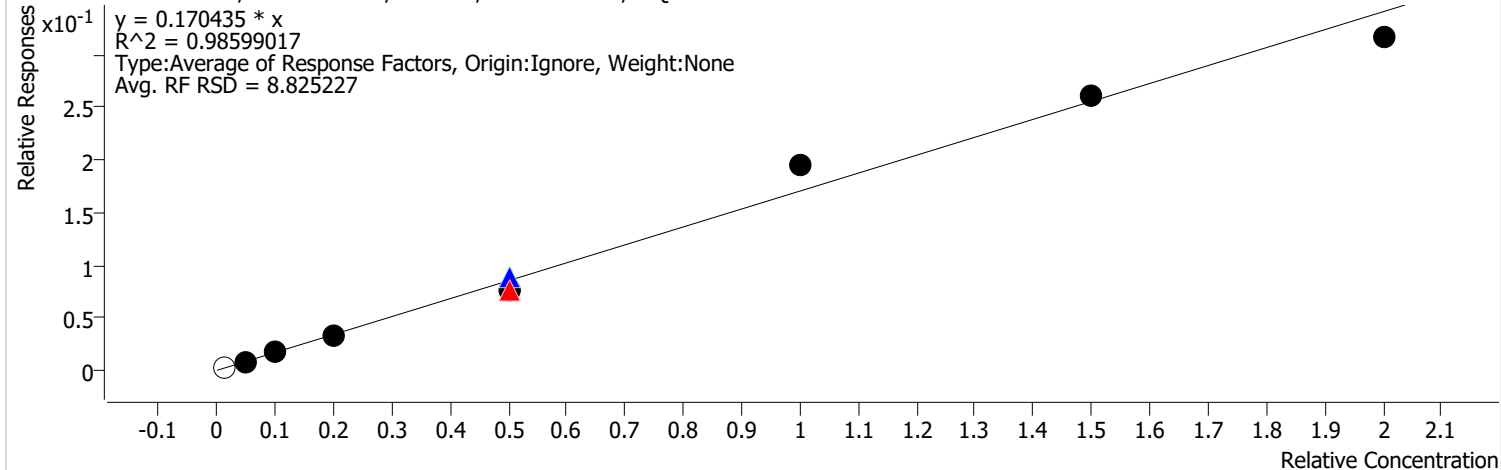
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2332 | 2.5000 | 0.2936 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 5411 | 12.5000 | 0.1347 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 12135 | 25.0000 | 0.1483 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 22944 | 50.0000 | 0.1423 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 59520 | 125.0000 | 0.1393 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 69568 | 125.0000 | 0.1569 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 59520 | 125.0000 | 0.1393 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 153759 | 250.0000 | 0.1758 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 235754 | 375.0000 | 0.1756 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 324434 | 500.0000 | 0.1773 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Chloroethane %RSE = 8.8

Chloroethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



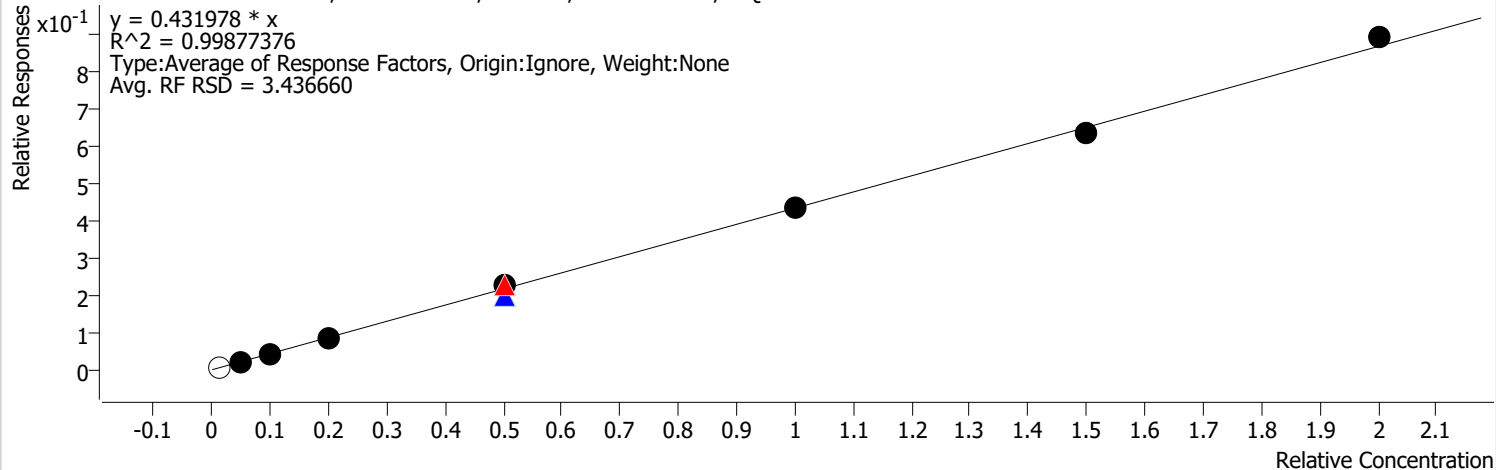
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2651 | 2.5000 | 0.3338 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 6576 | 12.5000 | 0.1637 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 15096 | 25.0000 | 0.1844 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 26569 | 50.0000 | 0.1647 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 65407 | 125.0000 | 0.1531 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 77755 | 125.0000 | 0.1753 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 65407 | 125.0000 | 0.1531 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 170795 | 250.0000 | 0.1953 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 233233 | 375.0000 | 0.1737 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 289150 | 500.0000 | 0.1580 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Trichlorofluoromethane %RSE = 3.4

Trichlorofluoromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

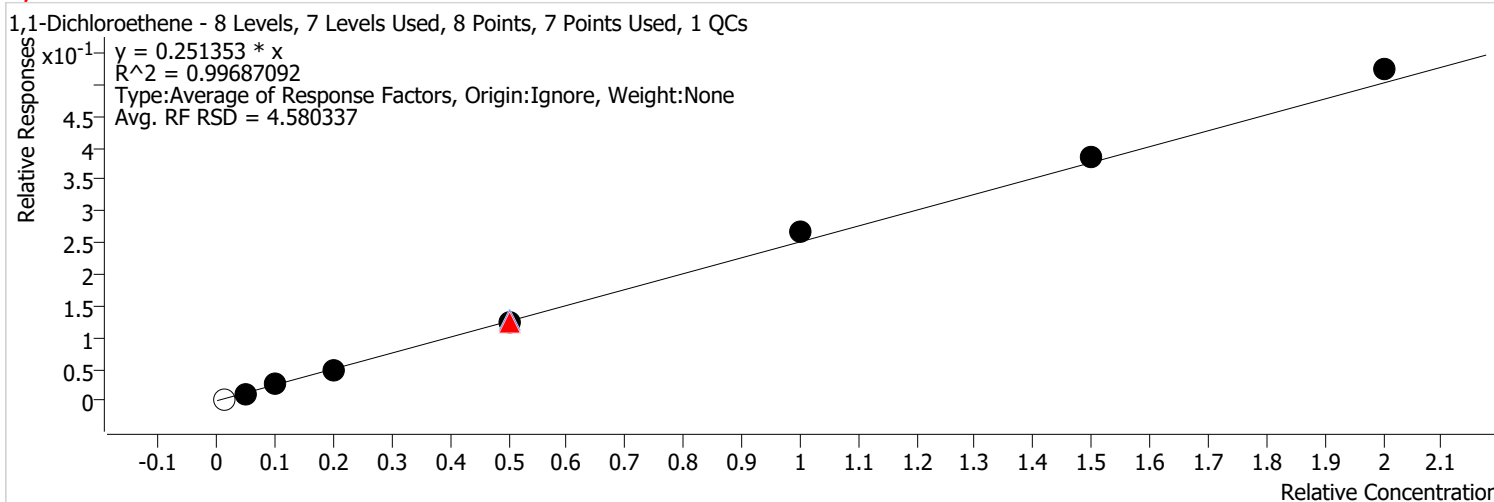


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 6220 | 2.5000 | 0.7831 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 16916 | 12.5000 | 0.4212 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 35936 | 25.0000 | 0.4390 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 66016 | 50.0000 | 0.4093 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 193579 | 125.0000 | 0.4530 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 172504 | 125.0000 | 0.3890 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 193579 | 125.0000 | 0.4530 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 379318 | 250.0000 | 0.4337 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 569126 | 375.0000 | 0.4239 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 811600 | 500.0000 | 0.4435 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1-Dichloroethene %RSE = 4.6

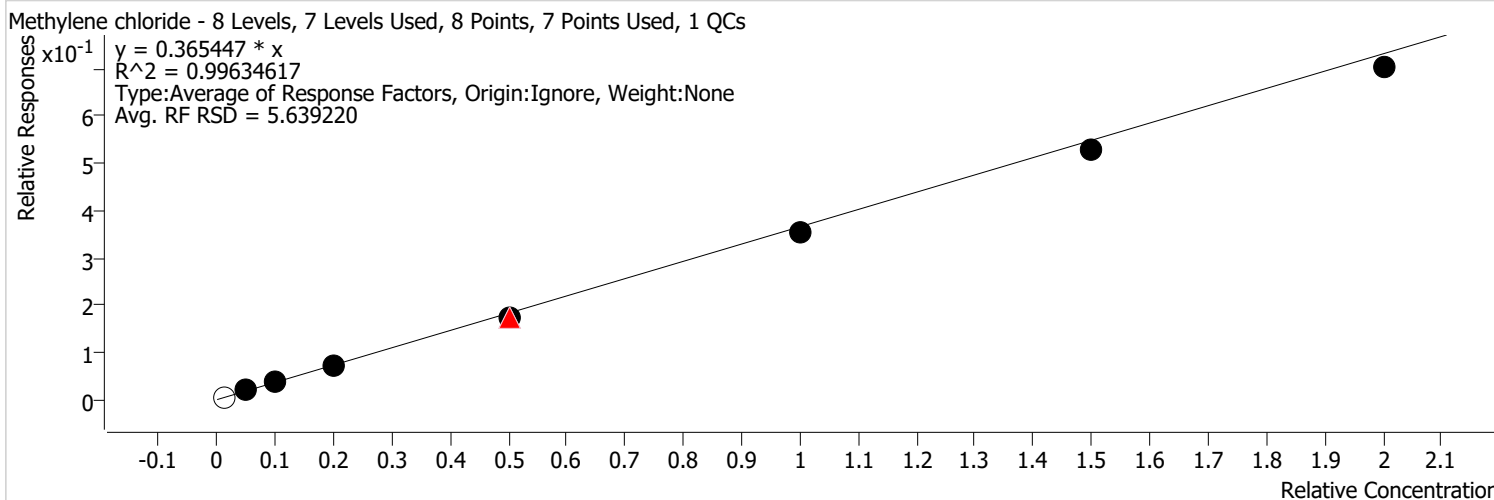


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2342 | 2.5000 | 0.2949 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9440 | 12.5000 | 0.2351 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20674 | 25.0000 | 0.2526 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38644 | 50.0000 | 0.2396 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 105649 | 125.0000 | 0.2473 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 113673 | 125.0000 | 0.2563 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 105649 | 125.0000 | 0.2473 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 233356 | 250.0000 | 0.2668 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 344045 | 375.0000 | 0.2563 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 479145 | 500.0000 | 0.2618 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Methylene chloride %RSE = 5.6

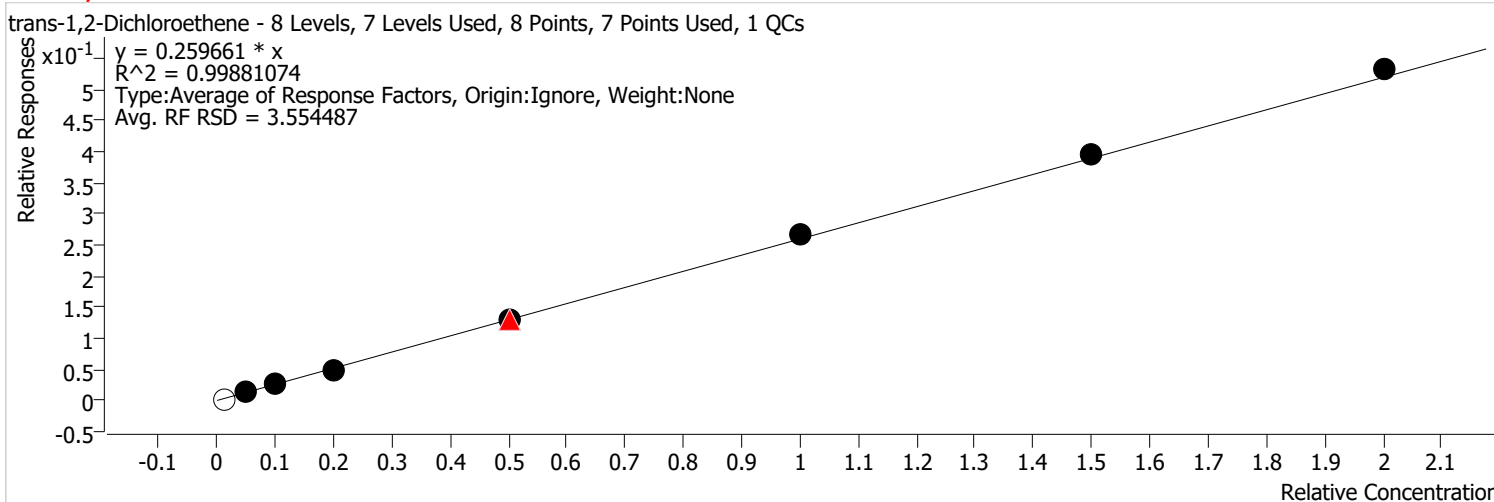


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 4701 | 2.5000 | 0.5919 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 15719 | 12.5000 | 0.3914 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 32623 | 25.0000 | 0.3986 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 58184 | 50.0000 | 0.3608 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 149957 | 125.0000 | 0.3509 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 152883 | 125.0000 | 0.3447 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 149957 | 125.0000 | 0.3509 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 310597 | 250.0000 | 0.3551 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 470733 | 375.0000 | 0.3507 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 641583 | 500.0000 | 0.3506 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

trans-1,2-Dichloroethene %RSE = 3.6



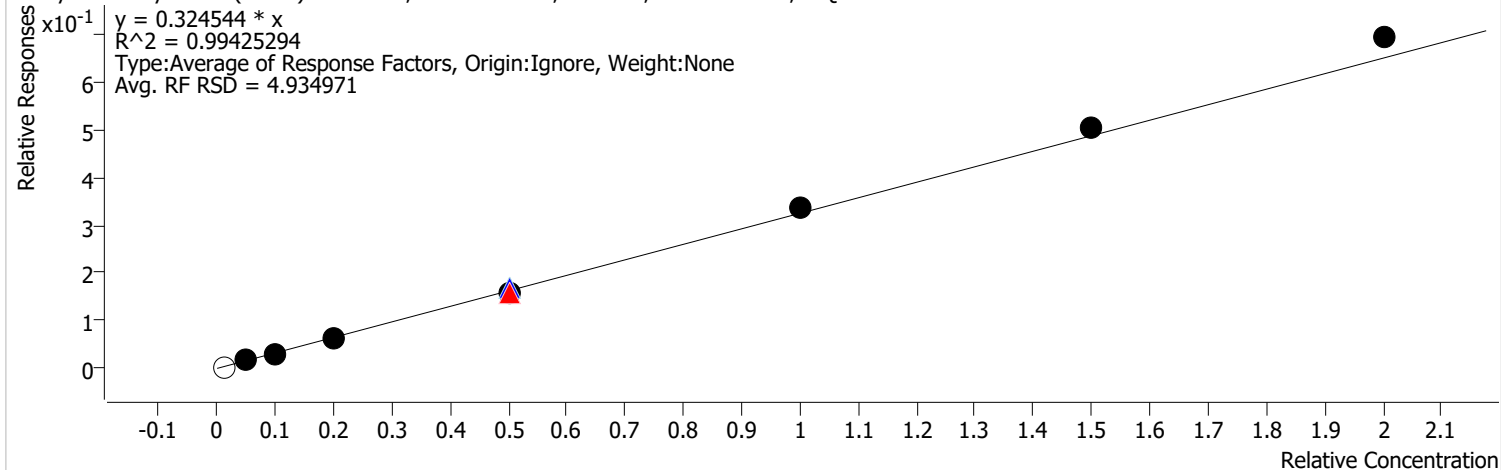
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2132 | 2.5000 | 0.2684 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 10455 | 12.5000 | 0.2603 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 21348 | 25.0000 | 0.2608 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38732 | 50.0000 | 0.2402 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 110255 | 125.0000 | 0.2580 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 115302 | 125.0000 | 0.2600 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 110255 | 125.0000 | 0.2580 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 233769 | 250.0000 | 0.2673 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 355984 | 375.0000 | 0.2652 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 486383 | 500.0000 | 0.2658 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Methyl tert-butyl ether (MTBE) %RSE = 4.9

Methyl tert-butyl ether (MTBE) - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

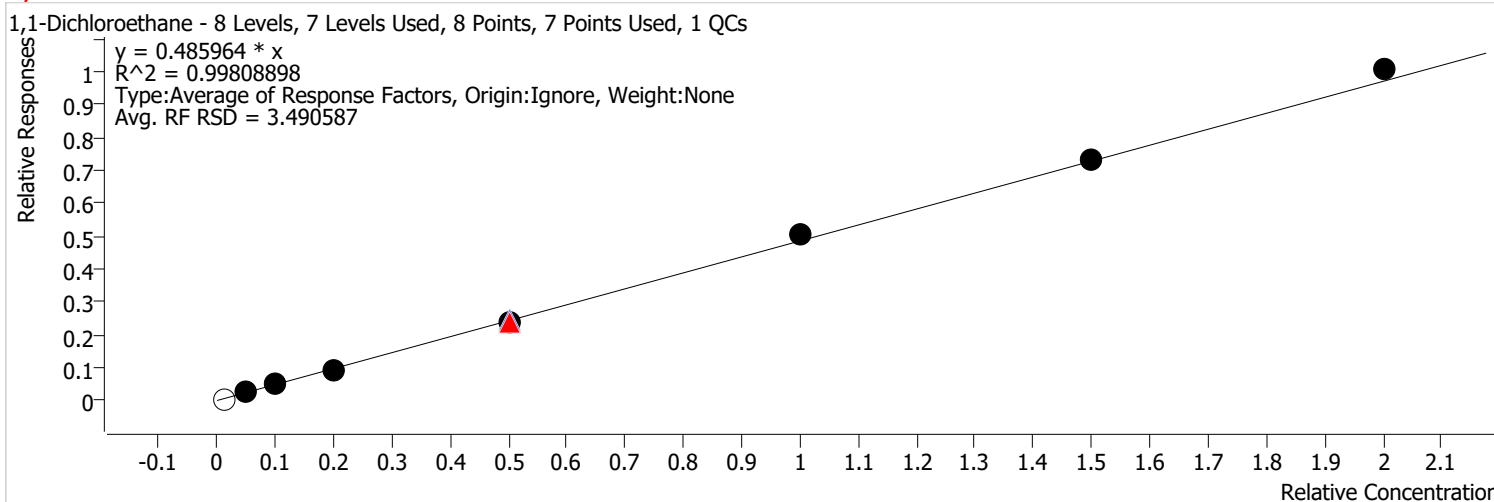


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2662 | 2.5000 | 0.3352 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 12721 | 12.5000 | 0.3168 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 24989 | 25.0000 | 0.3053 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 49617 | 50.0000 | 0.3077 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 136973 | 125.0000 | 0.3206 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 150210 | 125.0000 | 0.3387 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 136973 | 125.0000 | 0.3206 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 296029 | 250.0000 | 0.3385 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 452747 | 375.0000 | 0.3373 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 632731 | 500.0000 | 0.3458 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1-Dichloroethane %RSE = 3.5



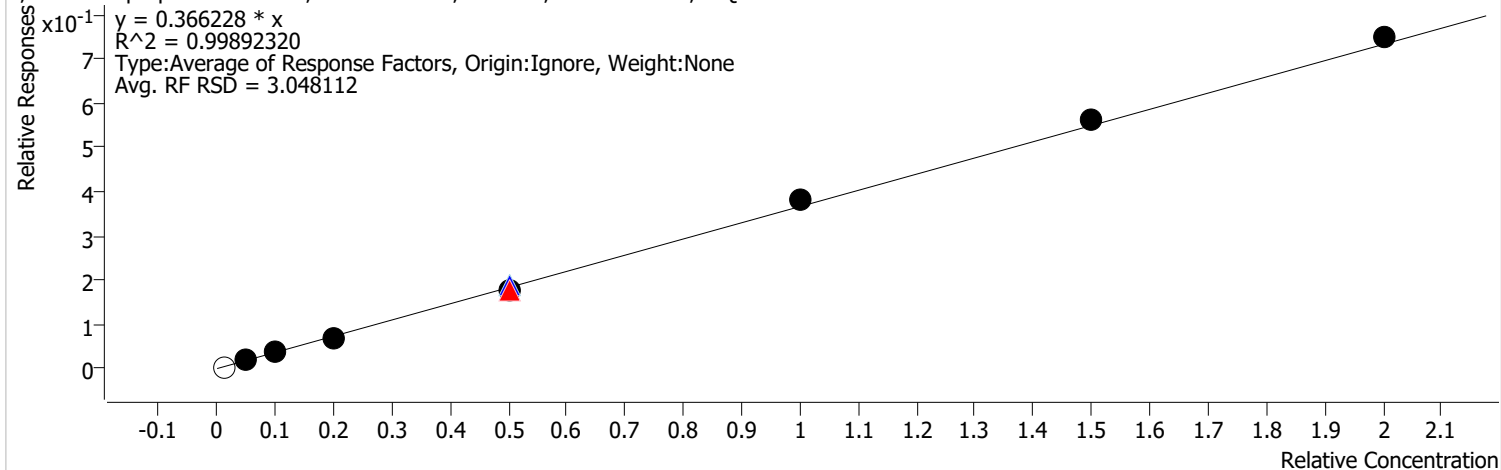
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 4131 | 2.5000 | 0.5201 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 18500 | 12.5000 | 0.4607 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 40298 | 25.0000 | 0.4923 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 75497 | 50.0000 | 0.4681 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 205663 | 125.0000 | 0.4813 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 218409 | 125.0000 | 0.4925 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 205663 | 125.0000 | 0.4813 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 442070 | 250.0000 | 0.5055 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 658287 | 375.0000 | 0.4904 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 921258 | 500.0000 | 0.5035 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:43 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

2,2-Dichloropropane %RSE = 3.0

2,2-Dichloropropane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



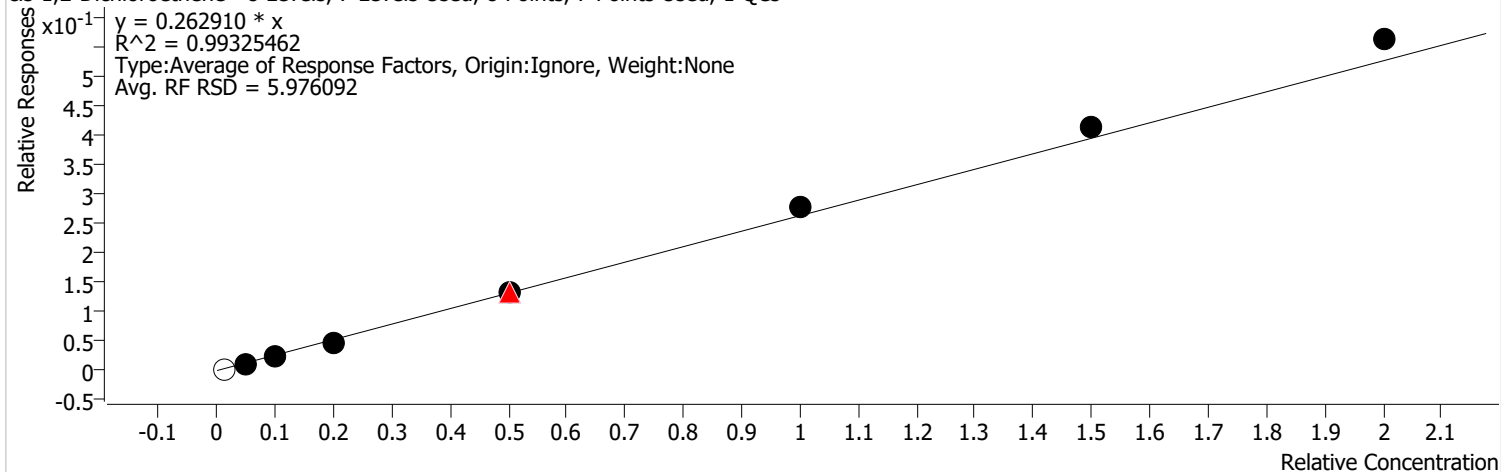
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 3183 | 2.5000 | 0.4008 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 14213 | 12.5000 | 0.3539 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 30539 | 25.0000 | 0.3731 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 56651 | 50.0000 | 0.3513 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 153450 | 125.0000 | 0.3591 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 169689 | 125.0000 | 0.3826 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 153450 | 125.0000 | 0.3591 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 331689 | 250.0000 | 0.3793 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 501019 | 375.0000 | 0.3732 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 683822 | 500.0000 | 0.3737 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

cis-1,2-Dichloroethene %RSE = 6.0

cis-1,2-Dichloroethene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

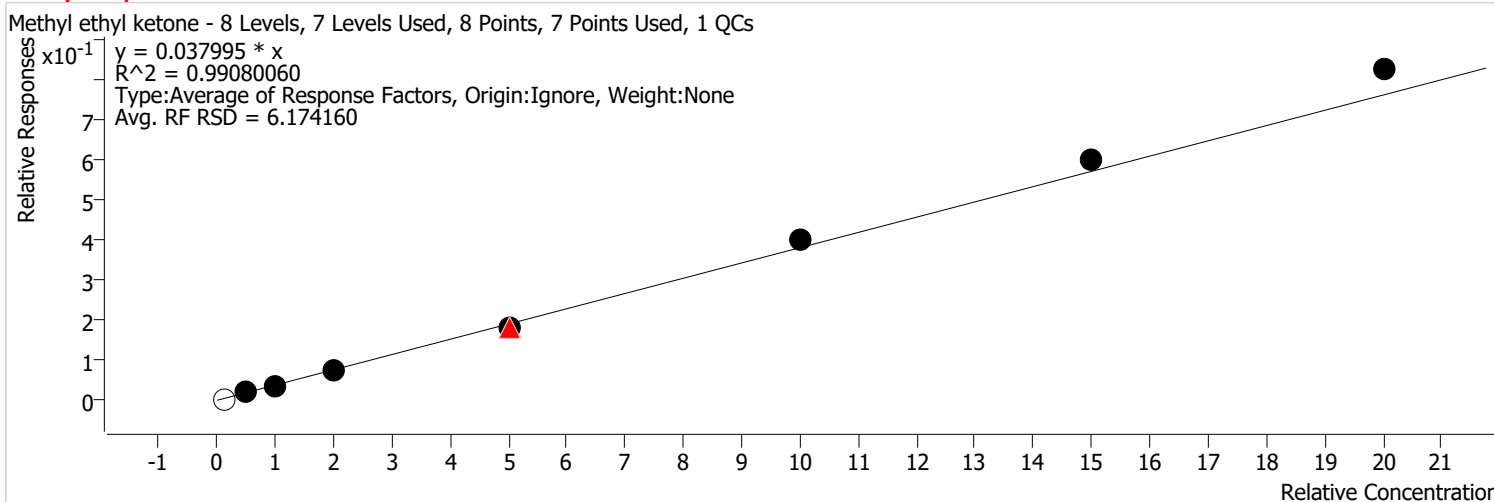


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2334 | 2.5000 | 0.2938 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9874 | 12.5000 | 0.2459 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20810 | 25.0000 | 0.2542 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 39093 | 50.0000 | 0.2424 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 112808 | 125.0000 | 0.2640 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 118223 | 125.0000 | 0.2666 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 112808 | 125.0000 | 0.2640 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 243087 | 250.0000 | 0.2780 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 369412 | 375.0000 | 0.2752 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 513671 | 500.0000 | 0.2807 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Methyl ethyl ketone %RSE = 6.2



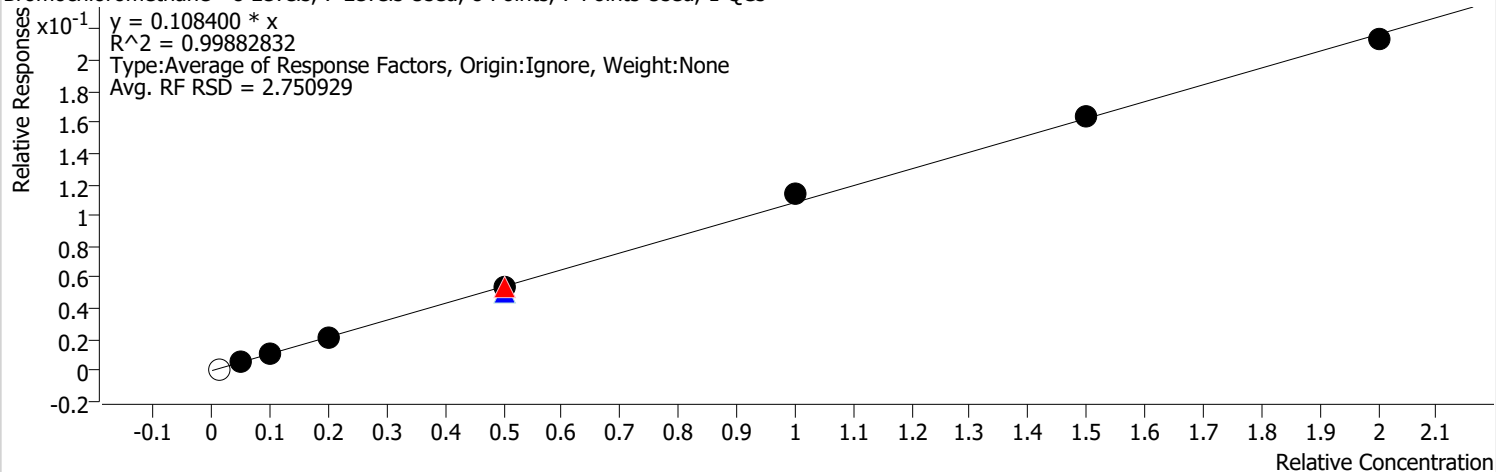
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2962 | 25.0000 | 0.0373 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 15038 | 125.0000 | 0.0374 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 28861 | 250.0000 | 0.0353 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 58185 | 500.0000 | 0.0361 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 154105 | 1250.0000 | 0.0361 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 160409 | 1250.0000 | 0.0362 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 154105 | 1250.0000 | 0.0361 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 348492 | 2500.0000 | 0.0398 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 538796 | 3750.0000 | 0.0401 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 752615 | 5000.0000 | 0.0411 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Bromochloromethane %RSE = 2.8

Bromochloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



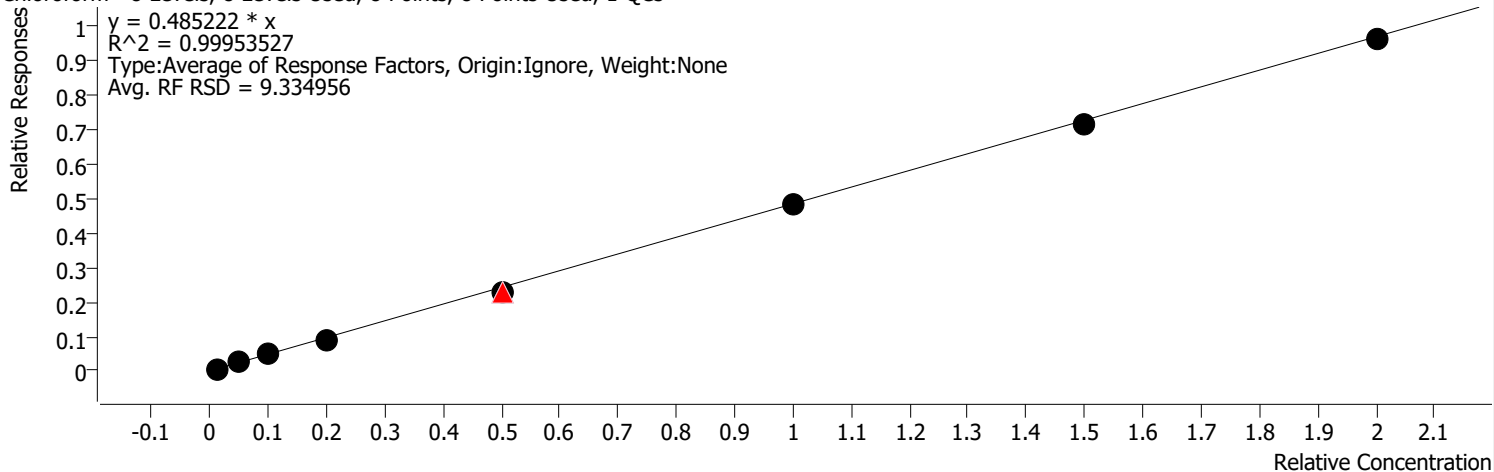
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 901 | 2.5000 | 0.1134 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4232 | 12.5000 | 0.1054 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 8977 | 25.0000 | 0.1097 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 17084 | 50.0000 | 0.1059 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 45958 | 125.0000 | 0.1076 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 45441 | 125.0000 | 0.1025 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 45958 | 125.0000 | 0.1076 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 99685 | 250.0000 | 0.1140 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 147182 | 375.0000 | 0.1096 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 195140 | 500.0000 | 0.1066 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Chloroform %RSE = 9.3

Chloroform - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

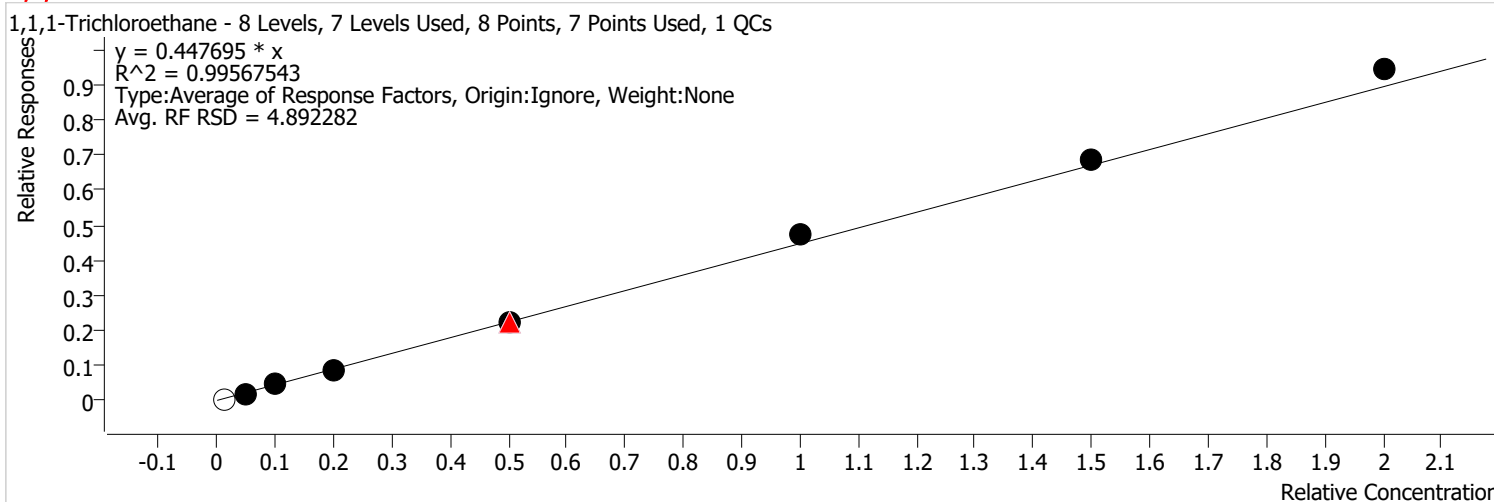


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 4726 | 2.5000 | 0.5950 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 18593 | 12.5000 | 0.4630 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 38158 | 25.0000 | 0.4662 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 74048 | 50.0000 | 0.4591 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 196261 | 125.0000 | 0.4593 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 199758 | 125.0000 | 0.4504 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 196261 | 125.0000 | 0.4593 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 420250 | 250.0000 | 0.4805 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 641596 | 375.0000 | 0.4779 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 879544 | 500.0000 | 0.4807 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1,1-Trichloroethane %RSE = 4.9

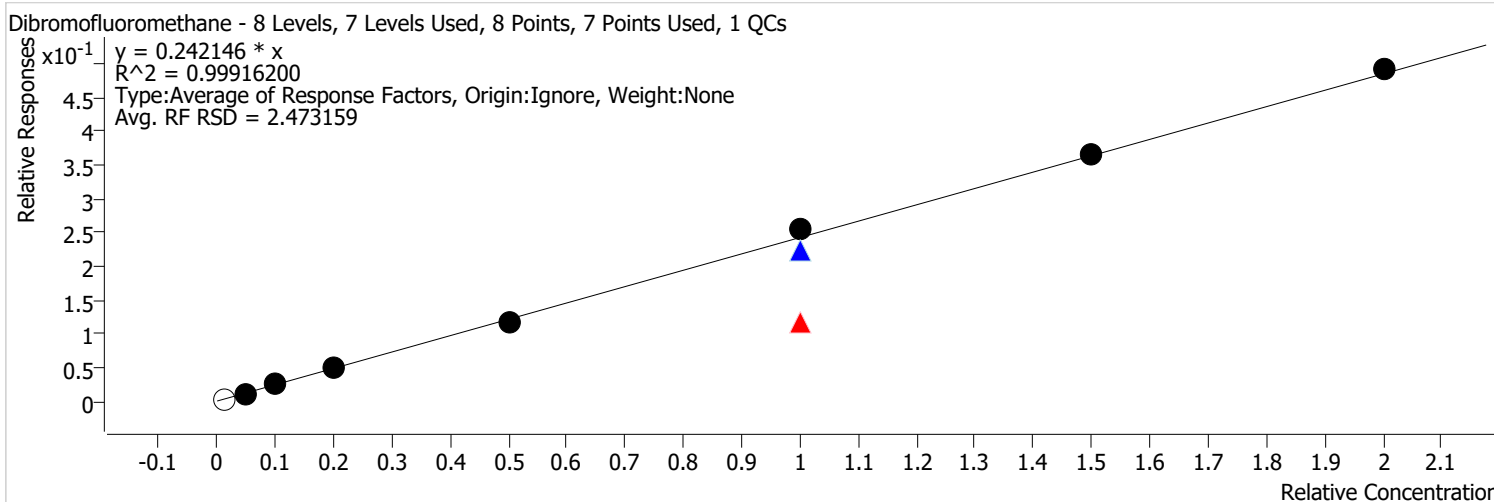


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 3627 | 2.5000 | 0.4567 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 16614 | 12.5000 | 0.4137 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 36046 | 25.0000 | 0.4404 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 69594 | 50.0000 | 0.4315 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 189468 | 125.0000 | 0.4434 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 195526 | 125.0000 | 0.4409 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 189468 | 125.0000 | 0.4434 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 414139 | 250.0000 | 0.4735 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 616756 | 375.0000 | 0.4594 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 863441 | 500.0000 | 0.4719 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Dibromofluoromethane %RSE =



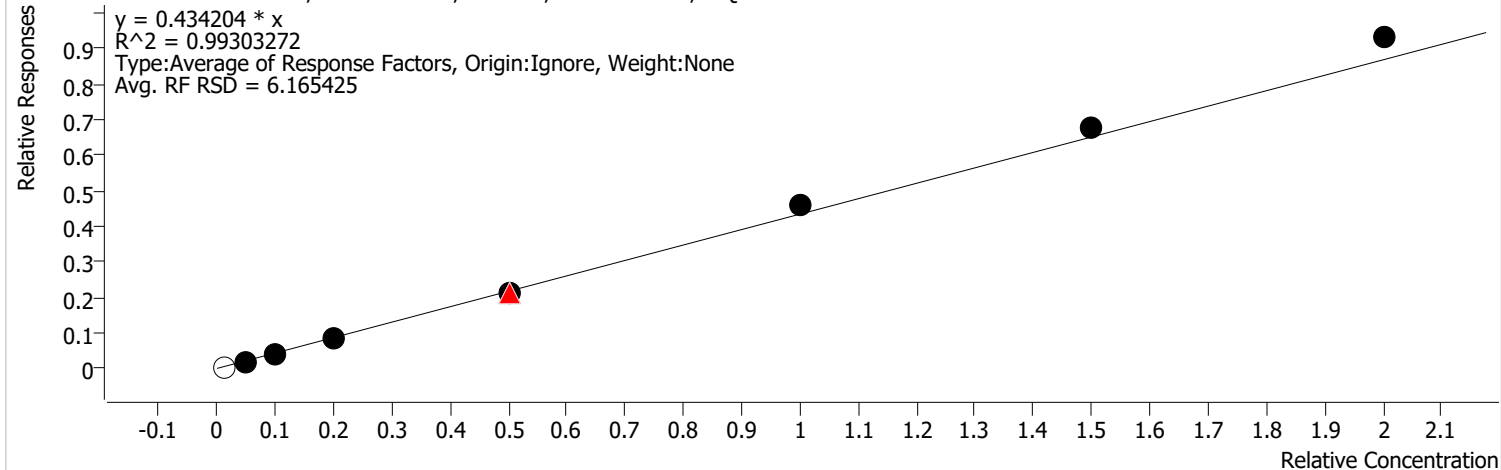
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2660 | 2.5000 | 0.3349 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9521 | 12.5000 | 0.2371 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 19834 | 25.0000 | 0.2423 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38453 | 50.0000 | 0.2384 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 100821 | 125.0000 | 0.2360 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 100821 | 250.0000 | 0.1180 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 198103 | 250.0000 | 0.2234 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 221667 | 250.0000 | 0.2535 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 325687 | 375.0000 | 0.2426 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 448615 | 500.0000 | 0.2452 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Carbon tetrachloride %RSE = 6.2

Carbon tetrachloride - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

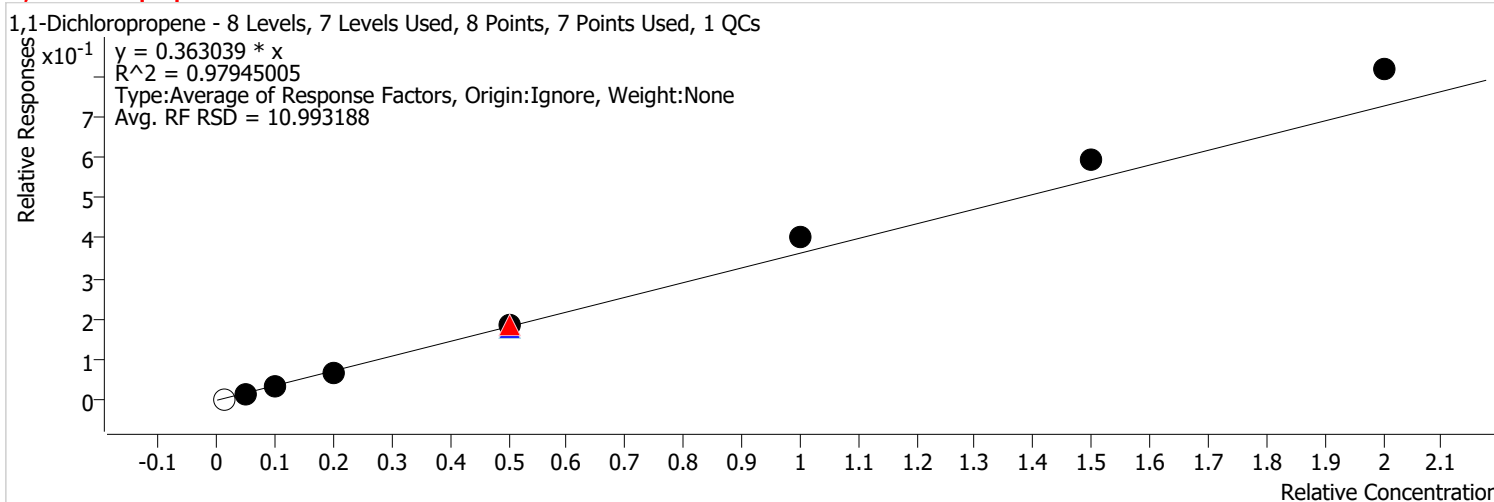


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 3586 | 2.5000 | 0.4514 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 15775 | 12.5000 | 0.3928 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 34965 | 25.0000 | 0.4272 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 66332 | 50.0000 | 0.4113 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 183978 | 125.0000 | 0.4306 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 187895 | 125.0000 | 0.4237 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 183978 | 125.0000 | 0.4306 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 404308 | 250.0000 | 0.4623 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 604305 | 375.0000 | 0.4502 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 851101 | 500.0000 | 0.4651 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1-Dichloropropene %RSE = 11.0

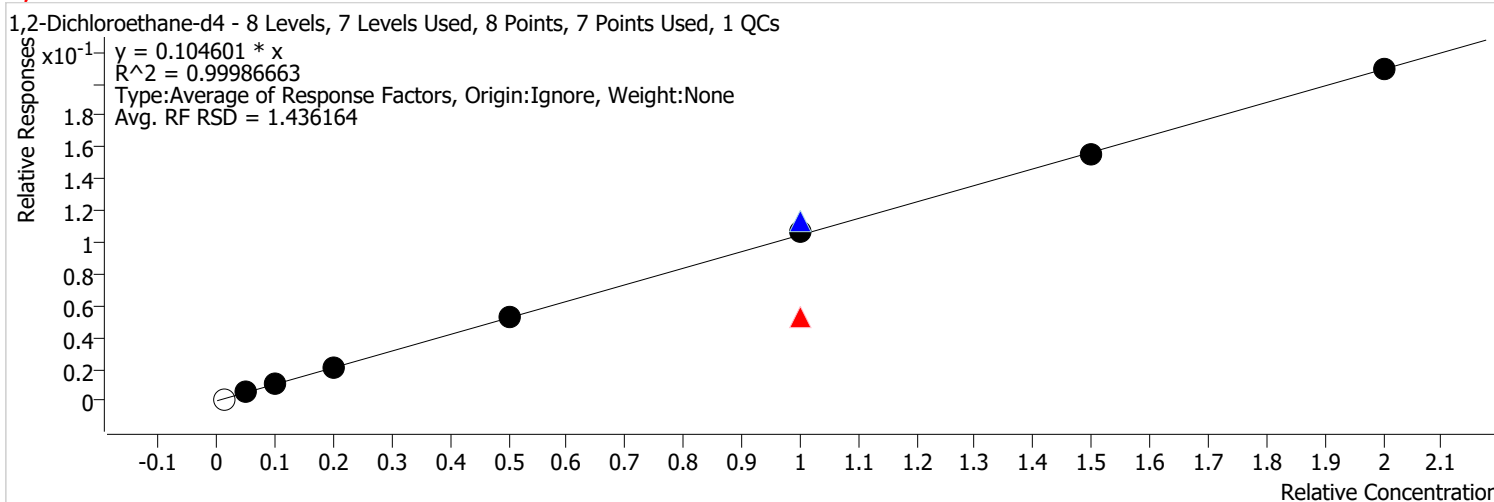


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2749 | 2.5000 | 0.3461 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 12417 | 12.5000 | 0.3092 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 27641 | 25.0000 | 0.3377 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 52282 | 50.0000 | 0.3242 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 156331 | 125.0000 | 0.3659 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 158033 | 125.0000 | 0.3564 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 156331 | 125.0000 | 0.3659 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 350070 | 250.0000 | 0.4003 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 531739 | 375.0000 | 0.3961 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 746500 | 500.0000 | 0.4080 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,2-Dichloroethane-d4 %RSE =



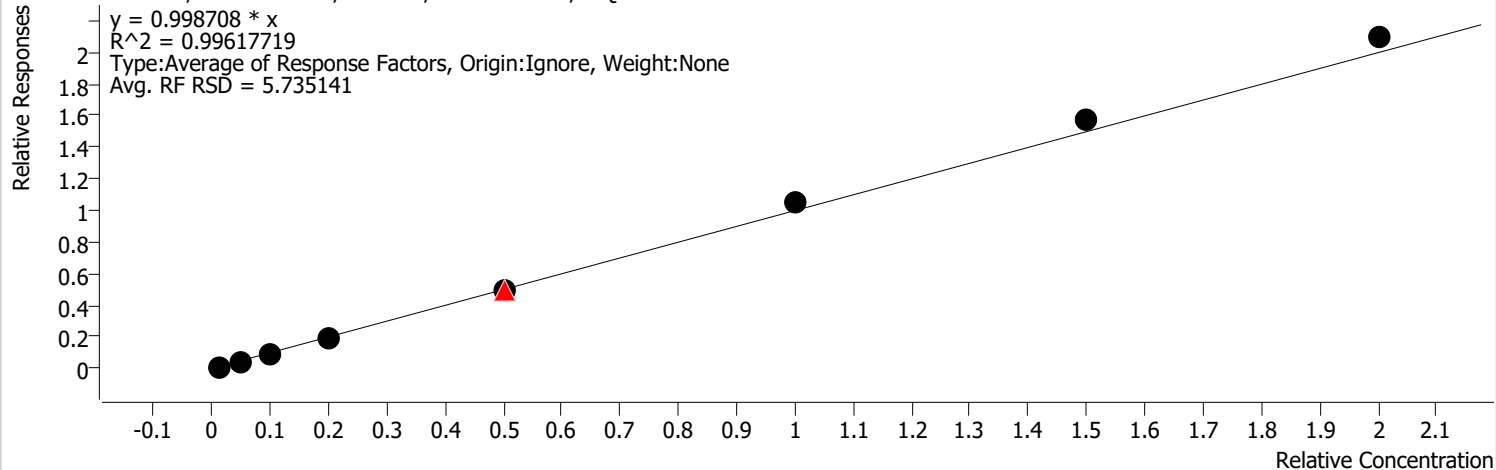
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 979 | 2.5000 | 0.1232 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4197 | 12.5000 | 0.1045 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 8619 | 25.0000 | 0.1053 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 16425 | 50.0000 | 0.1018 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 45314 | 125.0000 | 0.1060 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 45314 | 250.0000 | 0.0530 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 100187 | 250.0000 | 0.1130 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 92919 | 250.0000 | 0.1062 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 139362 | 375.0000 | 0.1038 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 191123 | 500.0000 | 0.1044 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Benzene %RSE = 5.7

Benzene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

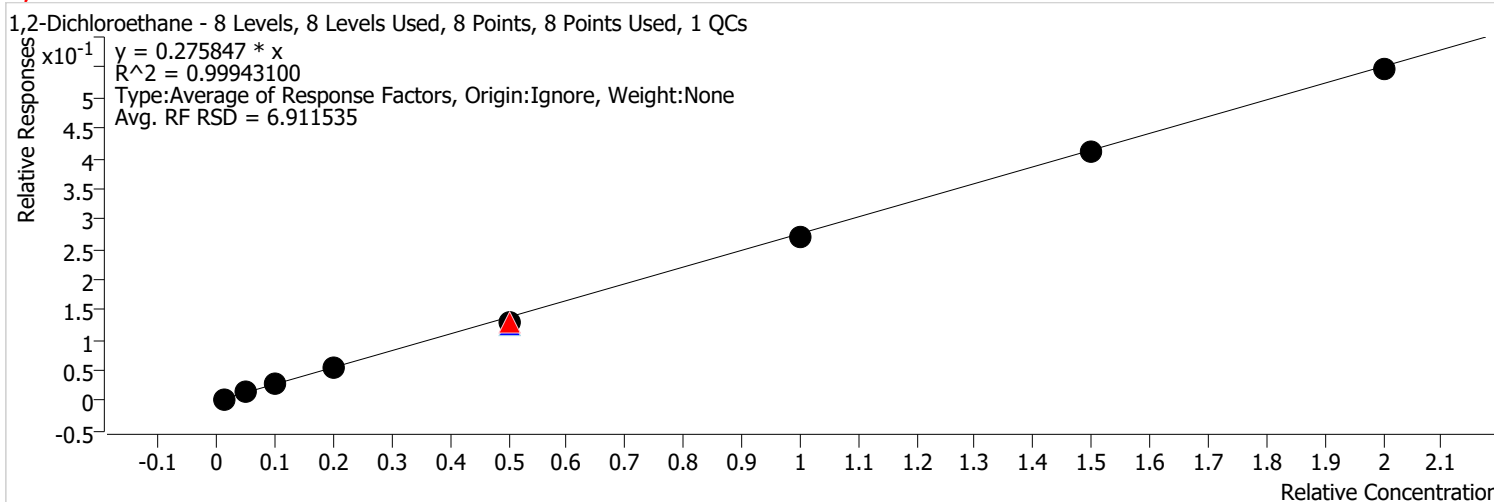


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 8357 | 2.5000 | 1.0522 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 37609 | 12.5000 | 0.9365 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 76658 | 25.0000 | 0.9366 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 149512 | 50.0000 | 0.9271 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 424881 | 125.0000 | 0.9943 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 442173 | 125.0000 | 0.9971 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 424881 | 125.0000 | 0.9943 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 920174 | 250.0000 | 1.0522 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 1403257 | 375.0000 | 1.0453 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1913180 | 500.0000 | 1.0455 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,2-Dichloroethane %RSE = 6.9

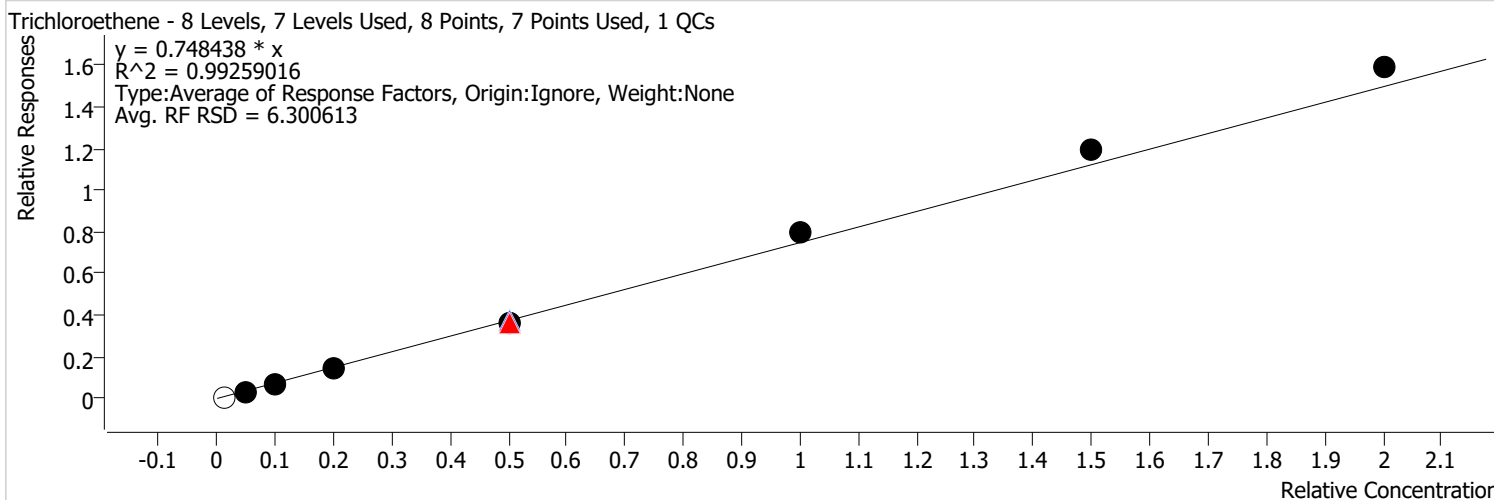


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 2542 | 2.5000 | 0.3200 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 11123 | 12.5000 | 0.2770 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 21778 | 25.0000 | 0.2661 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 43538 | 50.0000 | 0.2700 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 109046 | 125.0000 | 0.2552 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 110579 | 125.0000 | 0.2494 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 109046 | 125.0000 | 0.2552 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 236845 | 250.0000 | 0.2708 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 368750 | 375.0000 | 0.2747 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 499614 | 500.0000 | 0.2730 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Trichloroethene %RSE = 6.3

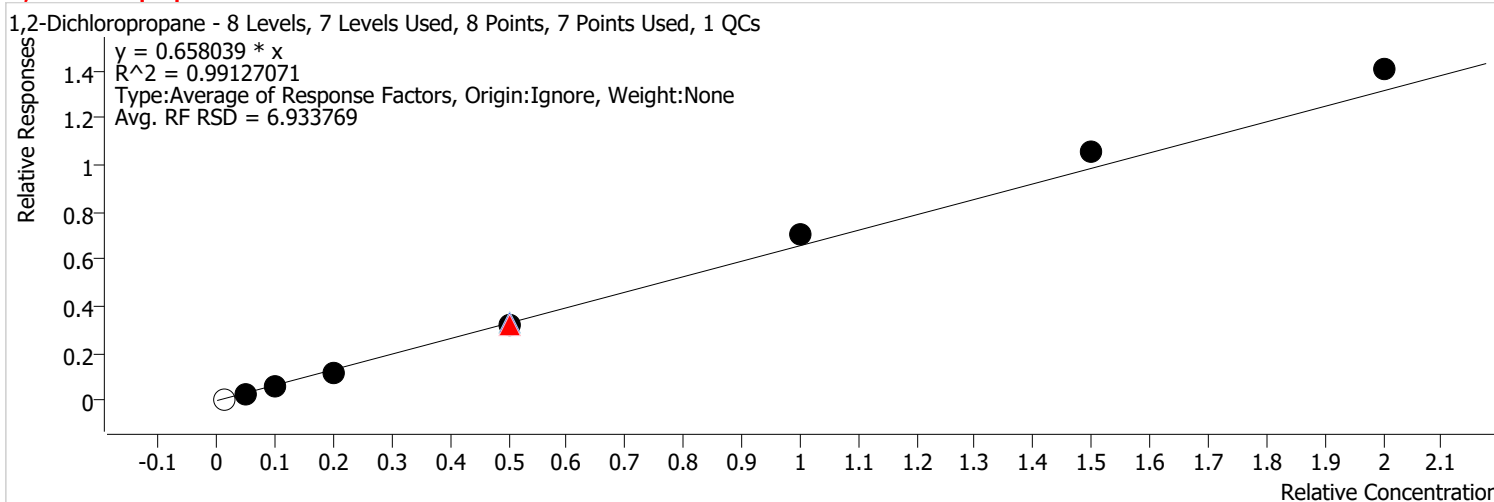


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2545 | 2.5000 | 0.8041 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 10949 | 12.5000 | 0.6980 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 23390 | 25.0000 | 0.7284 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 44214 | 50.0000 | 0.6933 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 120511 | 125.0000 | 0.7293 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 128332 | 125.0000 | 0.7607 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 120511 | 125.0000 | 0.7293 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 265703 | 250.0000 | 0.7973 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 399934 | 375.0000 | 0.7989 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 553822 | 500.0000 | 0.7938 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,2-Dichloropropane %RSE = 6.9



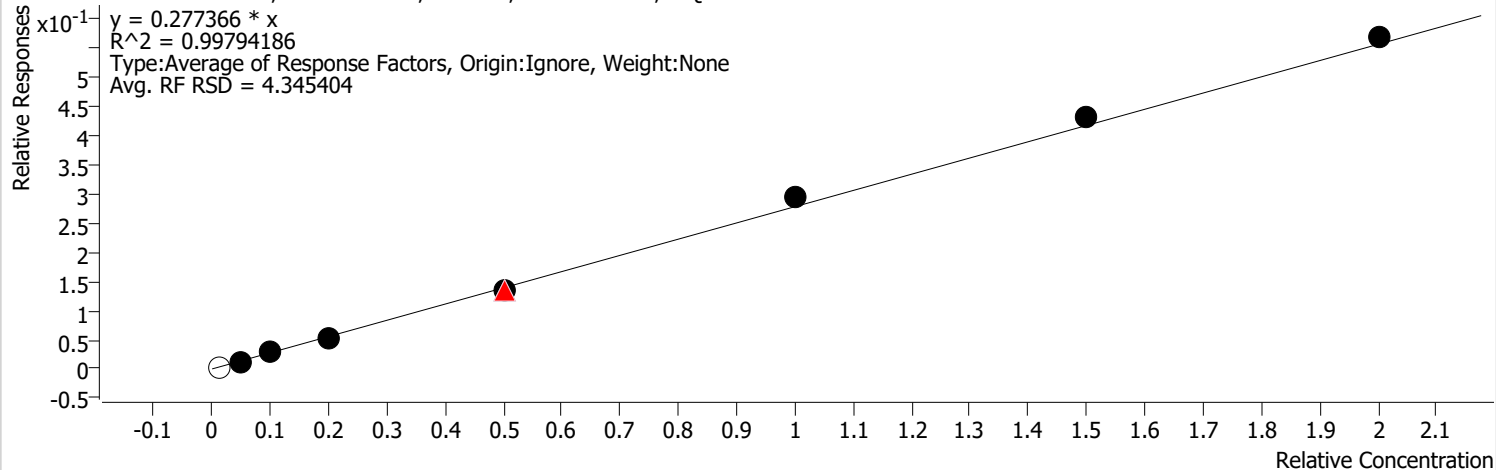
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2351 | 2.5000 | 0.7428 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9499 | 12.5000 | 0.6056 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20331 | 25.0000 | 0.6332 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38730 | 50.0000 | 0.6073 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 106955 | 125.0000 | 0.6473 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 111240 | 125.0000 | 0.6594 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 106955 | 125.0000 | 0.6473 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 235120 | 250.0000 | 0.7055 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 352771 | 375.0000 | 0.7047 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 490282 | 500.0000 | 0.7028 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:44 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Dibromomethane %RSE = 4.3

Dibromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



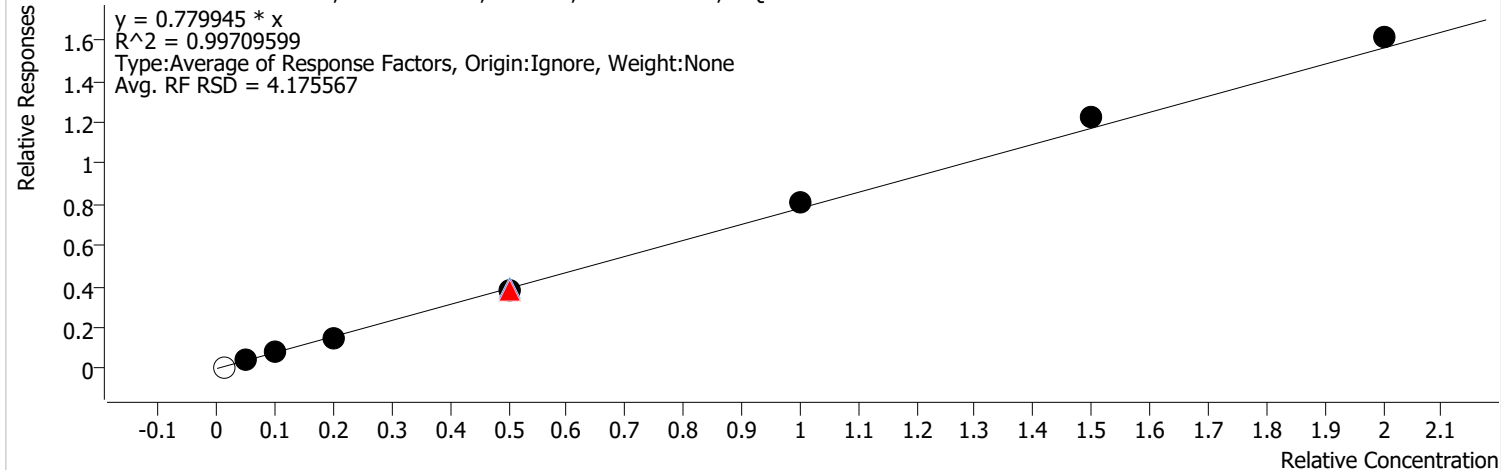
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 1166 | 2.5000 | 0.3683 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4088 | 12.5000 | 0.2606 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 9095 | 25.0000 | 0.2833 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 16899 | 50.0000 | 0.2650 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 44657 | 125.0000 | 0.2703 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 44818 | 125.0000 | 0.2657 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 44657 | 125.0000 | 0.2703 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 97445 | 250.0000 | 0.2924 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 143756 | 375.0000 | 0.2872 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 197367 | 500.0000 | 0.2829 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Bromodichloromethane %RSE = 4.2

Bromodichloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



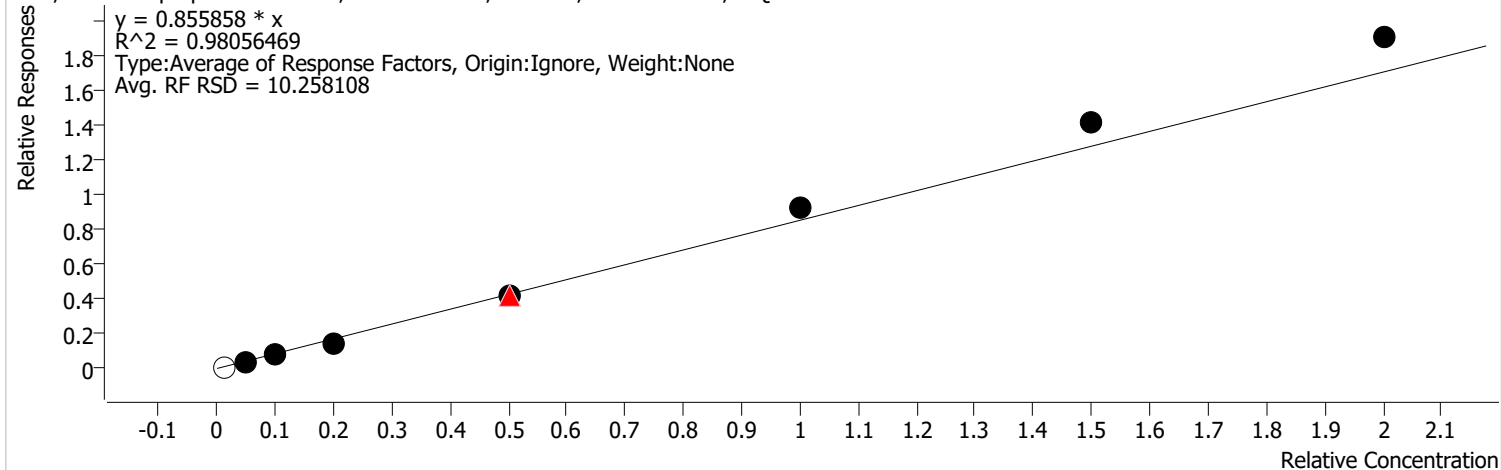
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2606 | 2.5000 | 0.8234 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 12025 | 12.5000 | 0.7666 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 24925 | 25.0000 | 0.7763 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 46426 | 50.0000 | 0.7280 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 124982 | 125.0000 | 0.7564 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 131590 | 125.0000 | 0.7801 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 124982 | 125.0000 | 0.7564 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 270436 | 250.0000 | 0.8115 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 408420 | 375.0000 | 0.8159 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 561671 | 500.0000 | 0.8051 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

cis-1,3-Dichloropropene %RSE = 10.3

cis-1,3-Dichloropropene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

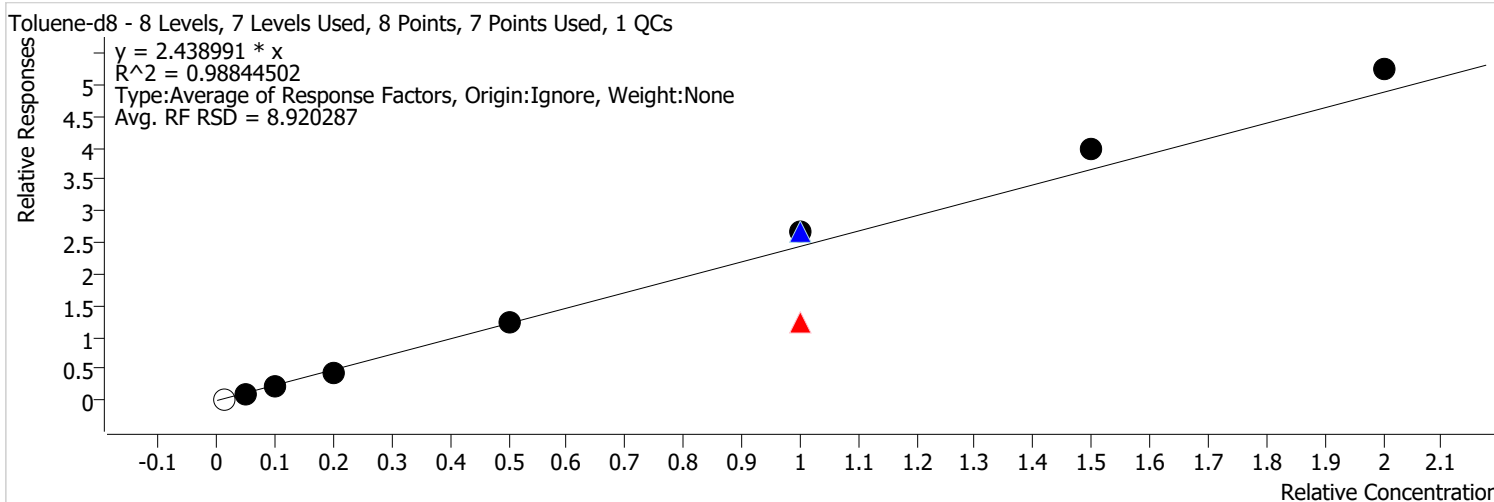


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 3052 | 2.5000 | 0.9643 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 12472 | 12.5000 | 0.7951 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 24965 | 25.0000 | 0.7775 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 47339 | 50.0000 | 0.7423 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 139607 | 125.0000 | 0.8449 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 139981 | 125.0000 | 0.8298 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 139607 | 125.0000 | 0.8449 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 311156 | 250.0000 | 0.9336 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 471983 | 375.0000 | 0.9428 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 666084 | 500.0000 | 0.9548 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Toluene-d8 %RSE =



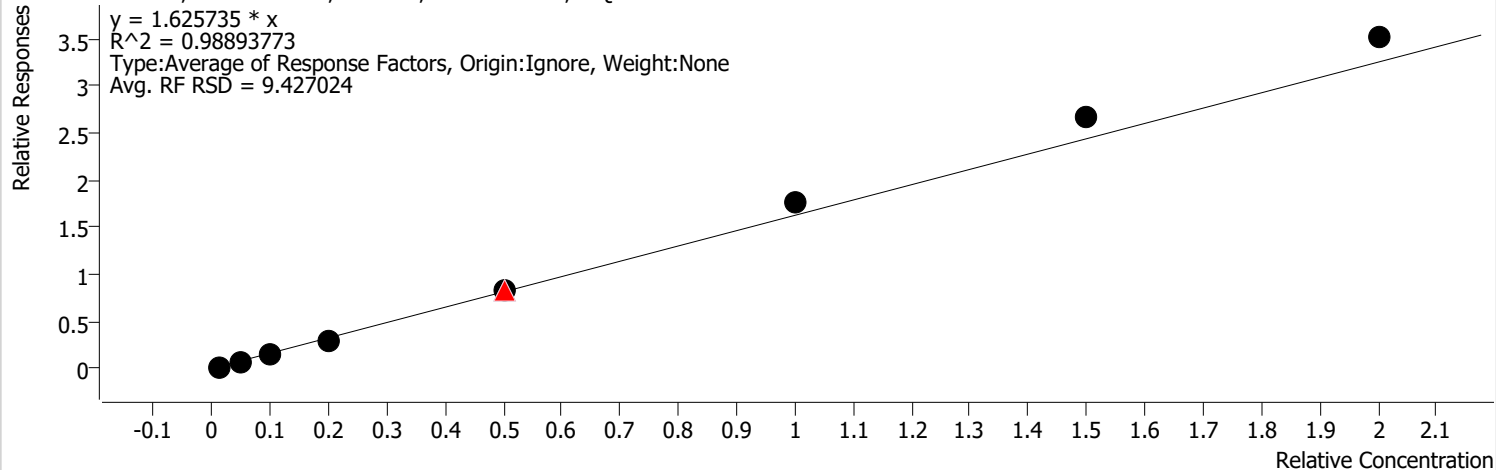
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 8454 | 2.5000 | 2.6712 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 33951 | 12.5000 | 2.1644 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 72066 | 25.0000 | 2.2444 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 142617 | 50.0000 | 2.2362 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 412799 | 125.0000 | 2.4983 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 412799 | 250.0000 | 1.2491 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 896928 | 250.0000 | 2.6585 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 885297 | 250.0000 | 2.6564 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 1329503 | 375.0000 | 2.6558 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1826060 | 500.0000 | 2.6175 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Toluene %RSE = 9.4

Toluene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

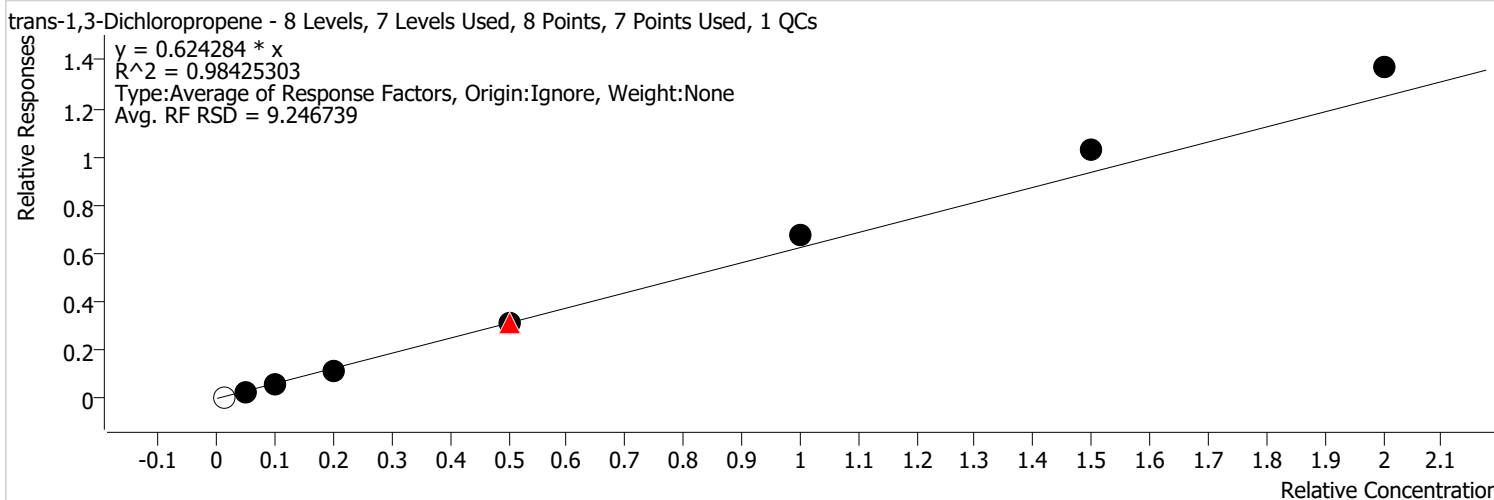


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 5454 | 2.5000 | 1.7233 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 21899 | 12.5000 | 1.3961 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 48441 | 25.0000 | 1.5086 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 92615 | 50.0000 | 1.4522 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 269549 | 125.0000 | 1.6313 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 277703 | 125.0000 | 1.6462 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 269549 | 125.0000 | 1.6313 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 587069 | 250.0000 | 1.7615 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 890126 | 375.0000 | 1.7781 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1224192 | 500.0000 | 1.7547 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

trans-1,3-Dichloropropene %RSE = 9.2

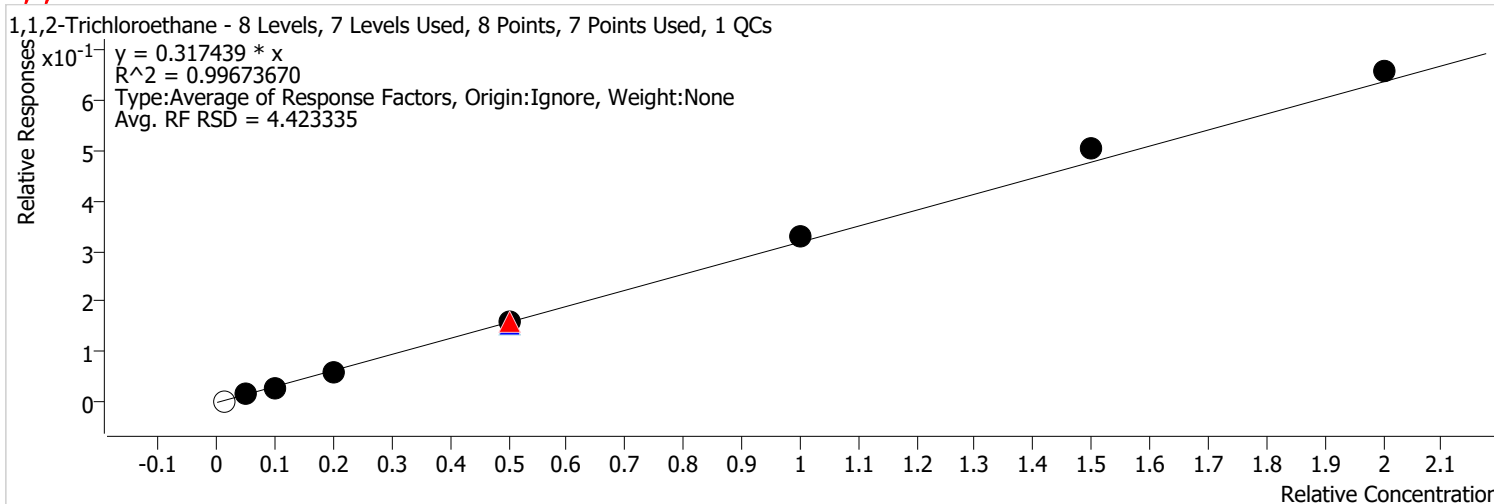


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2153 | 2.5000 | 0.6803 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 8755 | 12.5000 | 0.5581 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 18613 | 25.0000 | 0.5797 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 36009 | 50.0000 | 0.5646 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 102846 | 125.0000 | 0.6224 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 105873 | 125.0000 | 0.6276 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 102846 | 125.0000 | 0.6224 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 223772 | 250.0000 | 0.6714 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 345161 | 375.0000 | 0.6895 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 477330 | 500.0000 | 0.6842 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1,2-Trichloroethane %RSE = 4.4

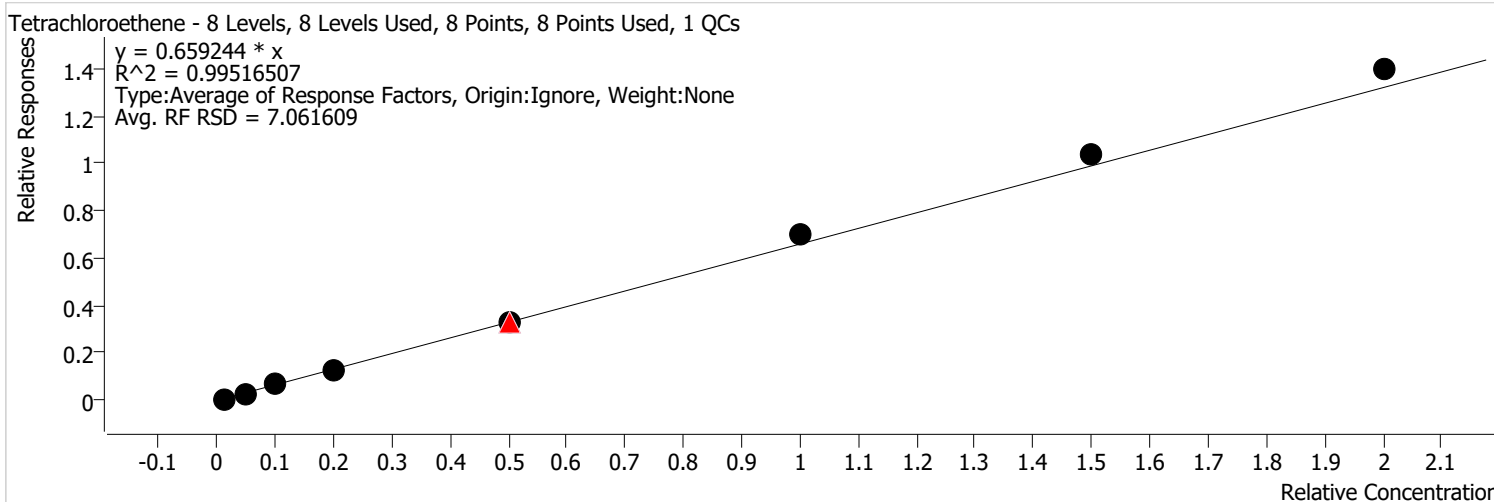


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 1045 | 2.5000 | 0.3303 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4762 | 12.5000 | 0.3036 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 9780 | 25.0000 | 0.3046 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 19237 | 50.0000 | 0.3016 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 52780 | 125.0000 | 0.3194 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 52407 | 125.0000 | 0.3107 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 52780 | 125.0000 | 0.3194 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 110317 | 250.0000 | 0.3310 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 167409 | 375.0000 | 0.3344 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 228423 | 500.0000 | 0.3274 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Tetrachloroethene %RSE = 7.1

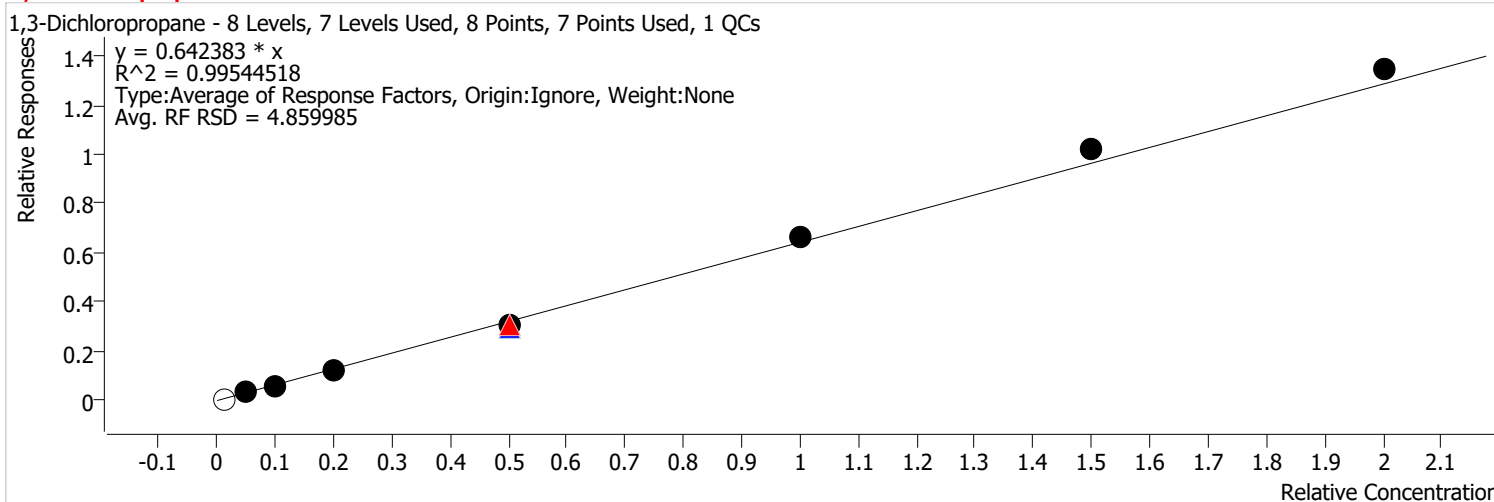


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 2190 | 2.5000 | 0.6920 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 8964 | 12.5000 | 0.5715 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 21156 | 25.0000 | 0.6589 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38749 | 50.0000 | 0.6076 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 109194 | 125.0000 | 0.6608 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 112100 | 125.0000 | 0.6645 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 109194 | 125.0000 | 0.6608 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 231586 | 250.0000 | 0.6949 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 346235 | 375.0000 | 0.6916 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 486052 | 500.0000 | 0.6967 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,3-Dichloropropane %RSE = 4.9



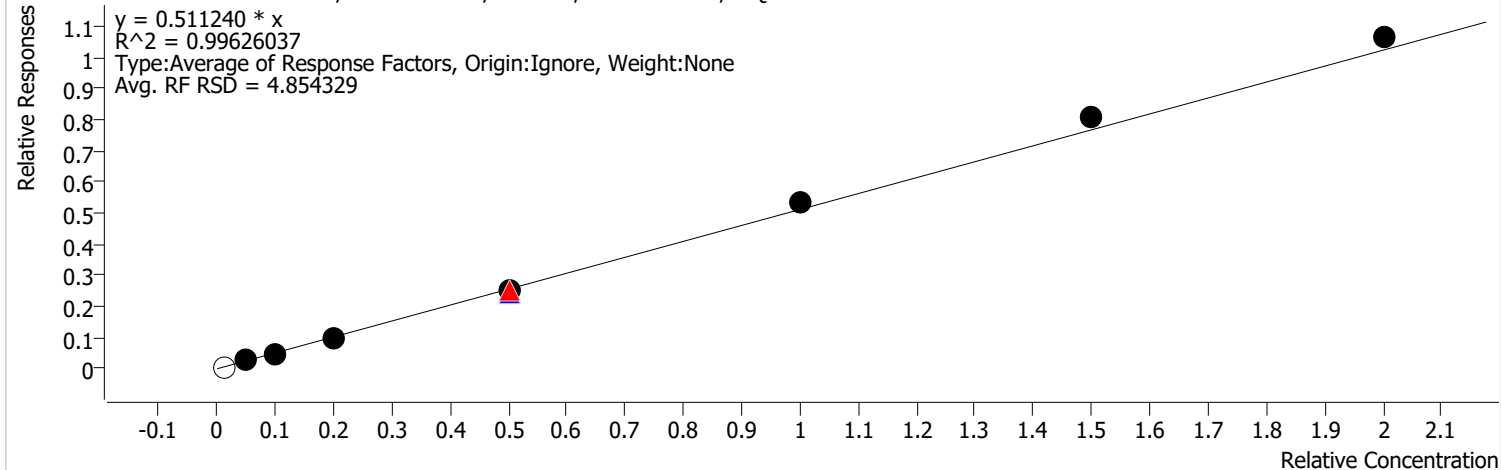
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2260 | 2.5000 | 0.7141 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9988 | 12.5000 | 0.6367 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20205 | 25.0000 | 0.6293 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 38147 | 50.0000 | 0.5981 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 101384 | 125.0000 | 0.6136 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 99920 | 125.0000 | 0.5923 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 101384 | 125.0000 | 0.6136 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 223019 | 250.0000 | 0.6692 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 339654 | 375.0000 | 0.6785 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 468322 | 500.0000 | 0.6713 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Chlorodibromomethane %RSE = 4.9

Chlorodibromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

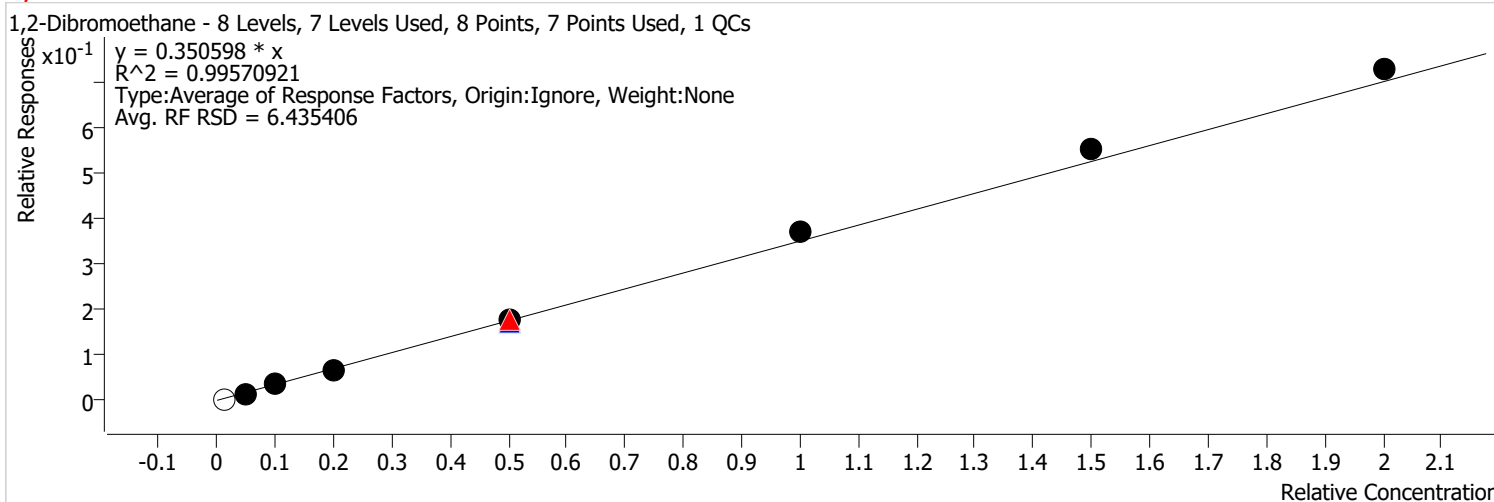


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2004 | 2.5000 | 0.6332 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 7984 | 12.5000 | 0.5090 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 15826 | 25.0000 | 0.4929 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 30000 | 50.0000 | 0.4704 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 83172 | 125.0000 | 0.5034 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 81909 | 125.0000 | 0.4856 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 83172 | 125.0000 | 0.5034 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 178171 | 250.0000 | 0.5346 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 269032 | 375.0000 | 0.5374 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 370474 | 500.0000 | 0.5310 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,2-Dibromoethane %RSE = 6.4

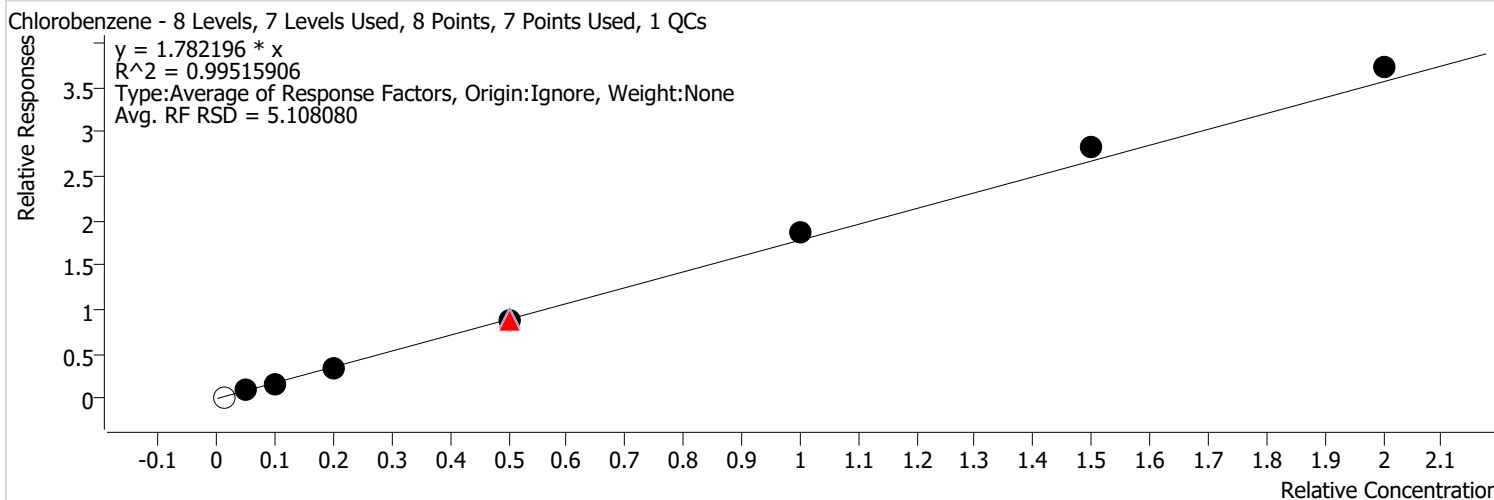


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 1089 | 2.5000 | 0.3439 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4936 | 12.5000 | 0.3147 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 11412 | 25.0000 | 0.3554 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 20667 | 50.0000 | 0.3241 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 58489 | 125.0000 | 0.3540 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 58586 | 125.0000 | 0.3473 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 58489 | 125.0000 | 0.3540 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 124289 | 250.0000 | 0.3729 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 184921 | 375.0000 | 0.3694 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 253758 | 500.0000 | 0.3637 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Chlorobenzene %RSE = 5.1

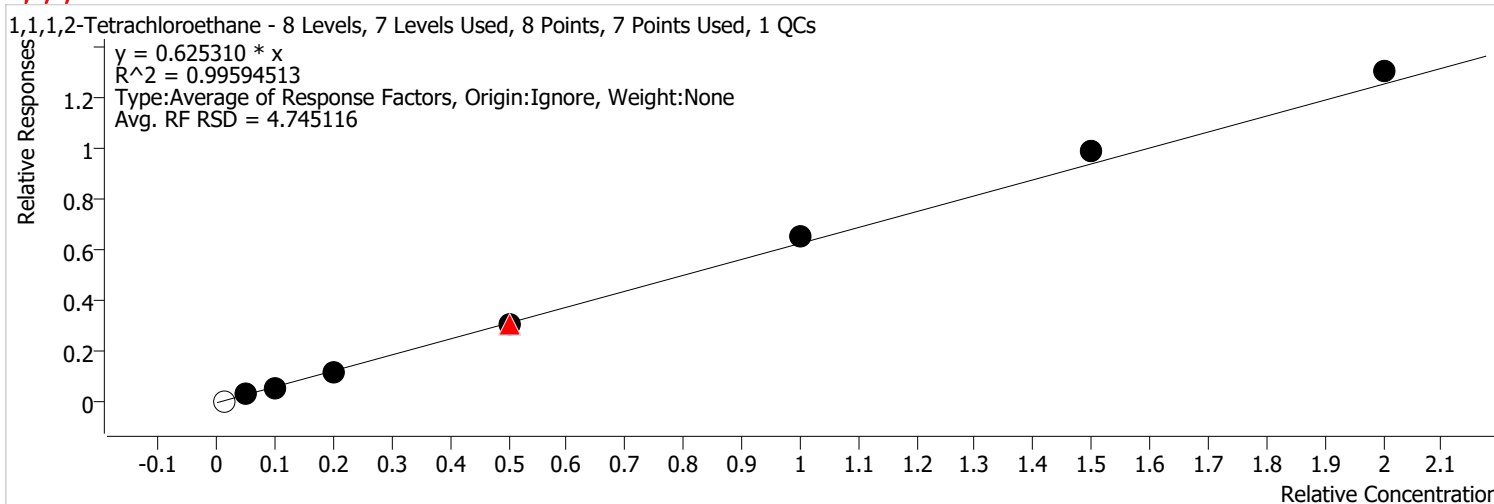


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 6152 | 2.5000 | 1.9438 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 26688 | 12.5000 | 1.7014 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 55632 | 25.0000 | 1.7326 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 106223 | 50.0000 | 1.6656 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 289340 | 125.0000 | 1.7511 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 307100 | 125.0000 | 1.8205 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 289340 | 125.0000 | 1.7511 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 625101 | 250.0000 | 1.8757 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 945250 | 375.0000 | 1.8882 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1298233 | 500.0000 | 1.8609 | |

Calibration Report

| | | | |
|---------------------|---|----------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1,1,2-Tetrachloroethane %RSE = 4.7



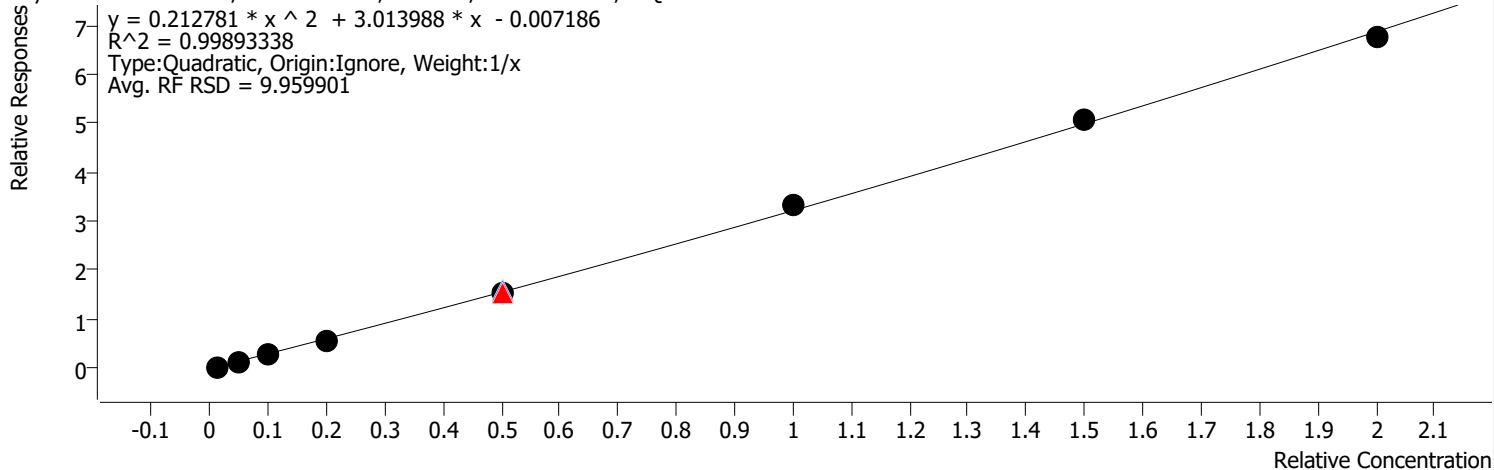
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2284 | 2.5000 | 0.7215 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9446 | 12.5000 | 0.6022 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 19516 | 25.0000 | 0.6078 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 37389 | 50.0000 | 0.5863 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 101500 | 125.0000 | 0.6143 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 102231 | 125.0000 | 0.6060 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 101500 | 125.0000 | 0.6143 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 219325 | 250.0000 | 0.6581 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 329822 | 375.0000 | 0.6588 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 453261 | 500.0000 | 0.6497 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Ethylbenzene %RSE = 9.3

Ethylbenzene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

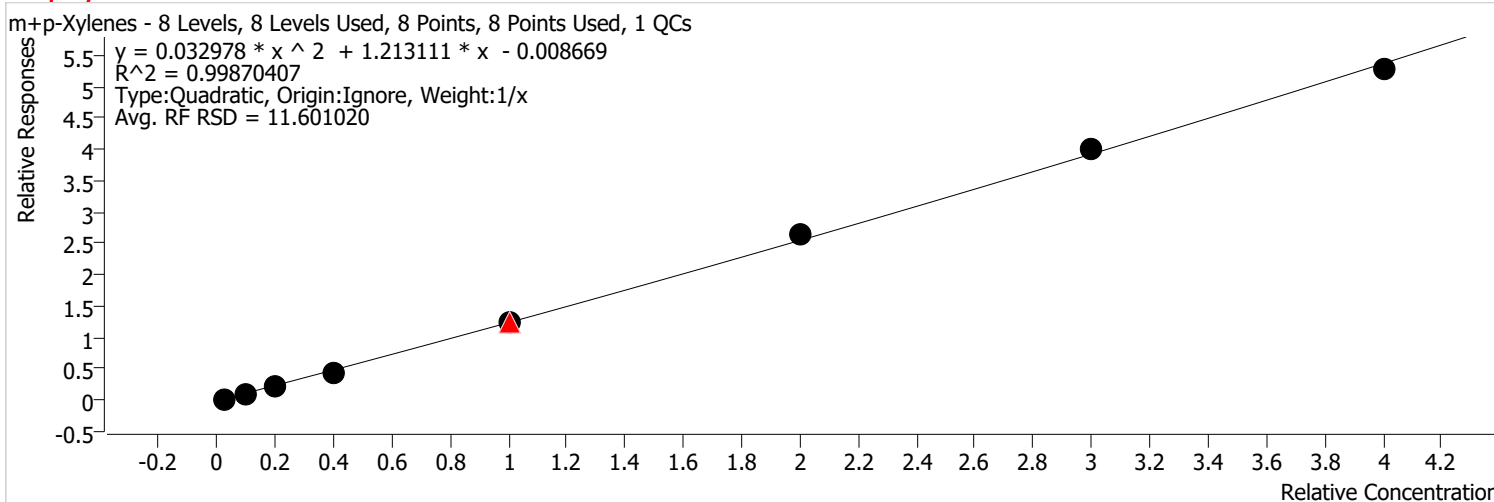


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 8834 | 2.5000 | 2.7912 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 42980 | 12.5000 | 2.7400 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 91590 | 25.0000 | 2.8524 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 171854 | 50.0000 | 2.6947 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 505127 | 125.0000 | 3.0570 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 535079 | 125.0000 | 3.1719 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 505127 | 125.0000 | 3.0570 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 1116949 | 250.0000 | 3.3515 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 1697682 | 375.0000 | 3.3913 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 2354058 | 500.0000 | 3.3743 | |

Calibration Report

| | | | |
|---------------------|---|----------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

m+p-Xylenes %RSE = 13.0



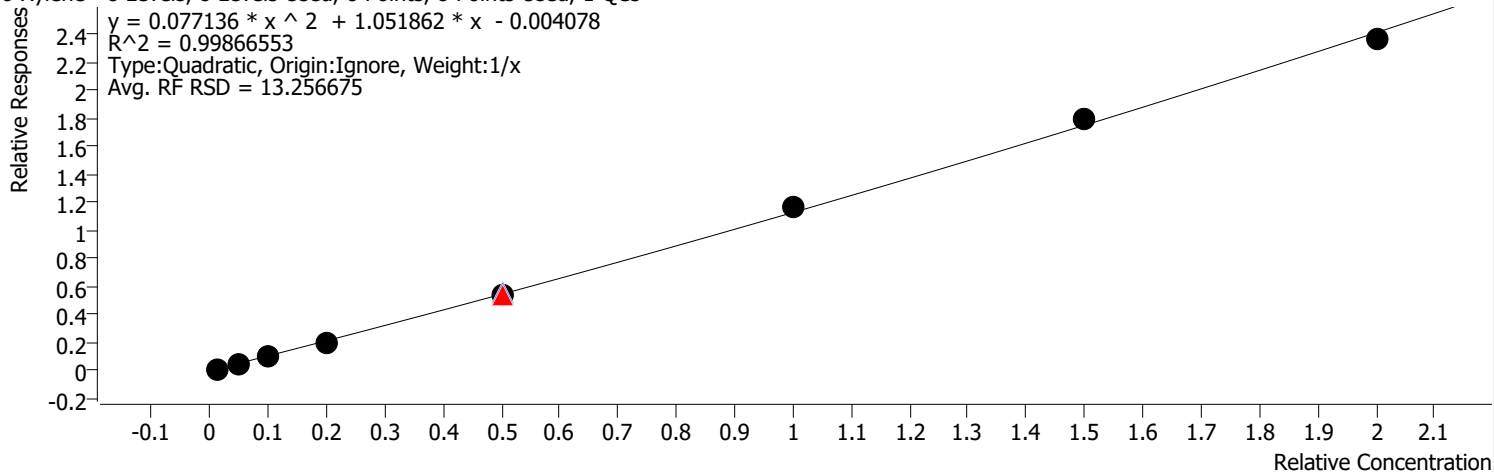
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 6744 | 5.0000 | 1.0654 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 31103 | 25.0000 | 0.9914 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 71705 | 50.0000 | 1.1166 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 136806 | 100.0000 | 1.0726 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 405724 | 250.0000 | 1.2277 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 413361 | 250.0000 | 1.2252 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 405724 | 250.0000 | 1.2277 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 887253 | 500.0000 | 1.3311 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 1334216 | 750.0000 | 1.3326 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1838610 | 1000.0000 | 1.3177 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:45 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

o-Xylene %RSE = 12.9

o-Xylene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

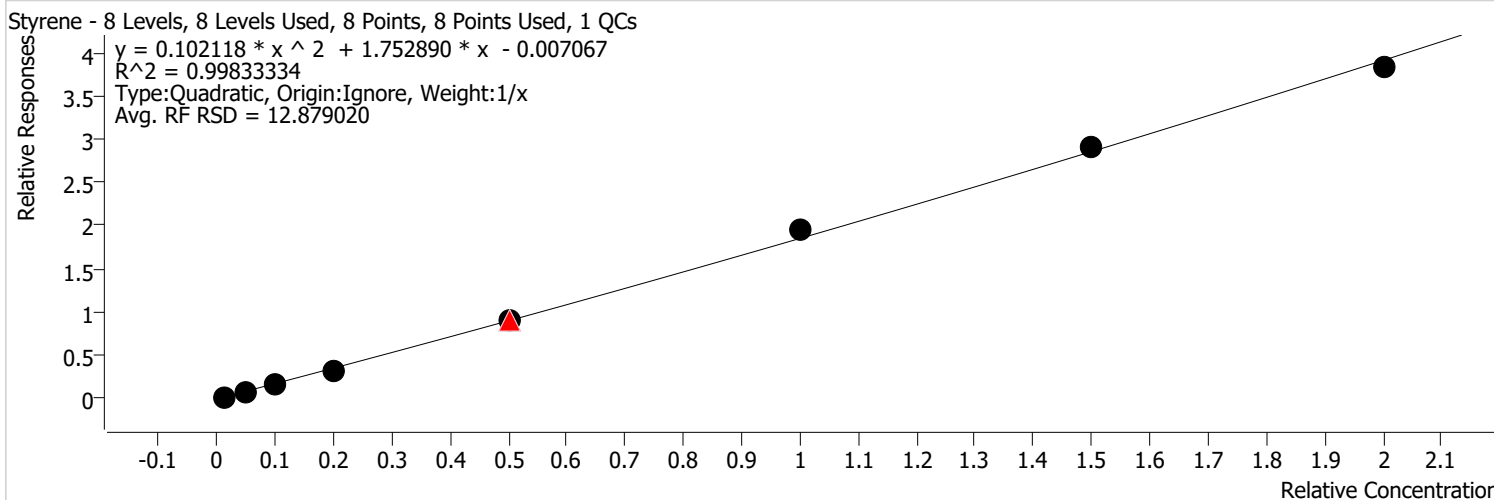


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 2826 | 2.5000 | 0.8929 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 13717 | 12.5000 | 0.8745 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 30498 | 25.0000 | 0.9498 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 58814 | 50.0000 | 0.9222 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 179108 | 125.0000 | 1.0840 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 184033 | 125.0000 | 1.0909 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 179108 | 125.0000 | 1.0840 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 387676 | 250.0000 | 1.1632 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 598606 | 375.0000 | 1.1958 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 822173 | 500.0000 | 1.1785 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Styrene %RSE = 15.0



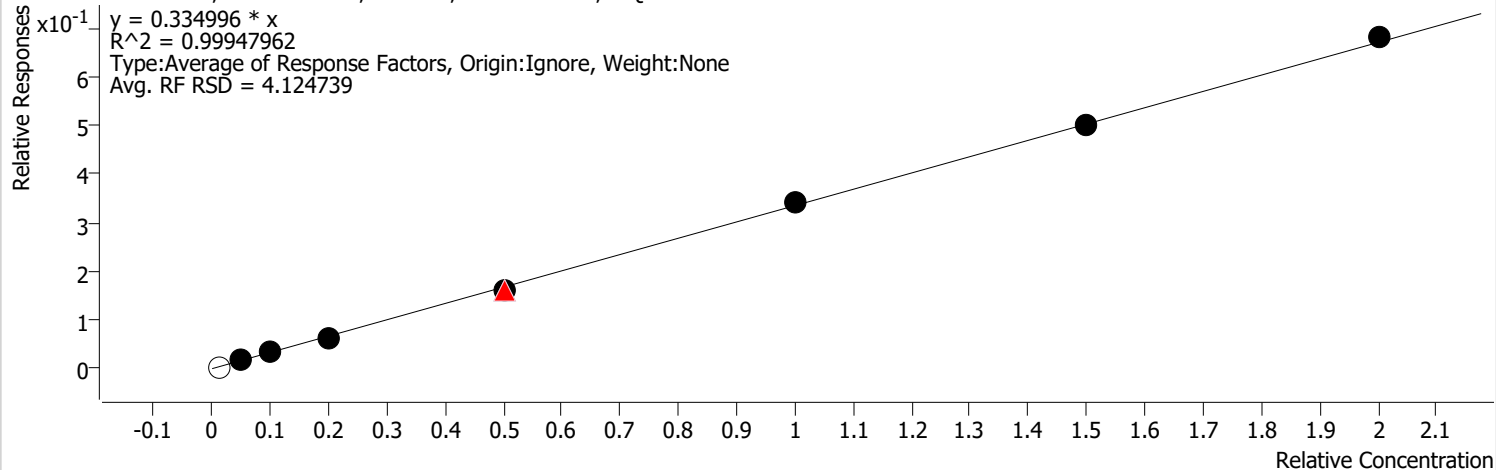
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 4834 | 2.5000 | 1.5274 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 21872 | 12.5000 | 1.3944 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 50294 | 25.0000 | 1.5663 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 97810 | 50.0000 | 1.5337 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 292722 | 125.0000 | 1.7716 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 306077 | 125.0000 | 1.8144 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 292722 | 125.0000 | 1.7716 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 646327 | 250.0000 | 1.9393 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 973131 | 375.0000 | 1.9439 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1332807 | 500.0000 | 1.9104 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Bromoform %RSE = 4.1

Bromoform - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

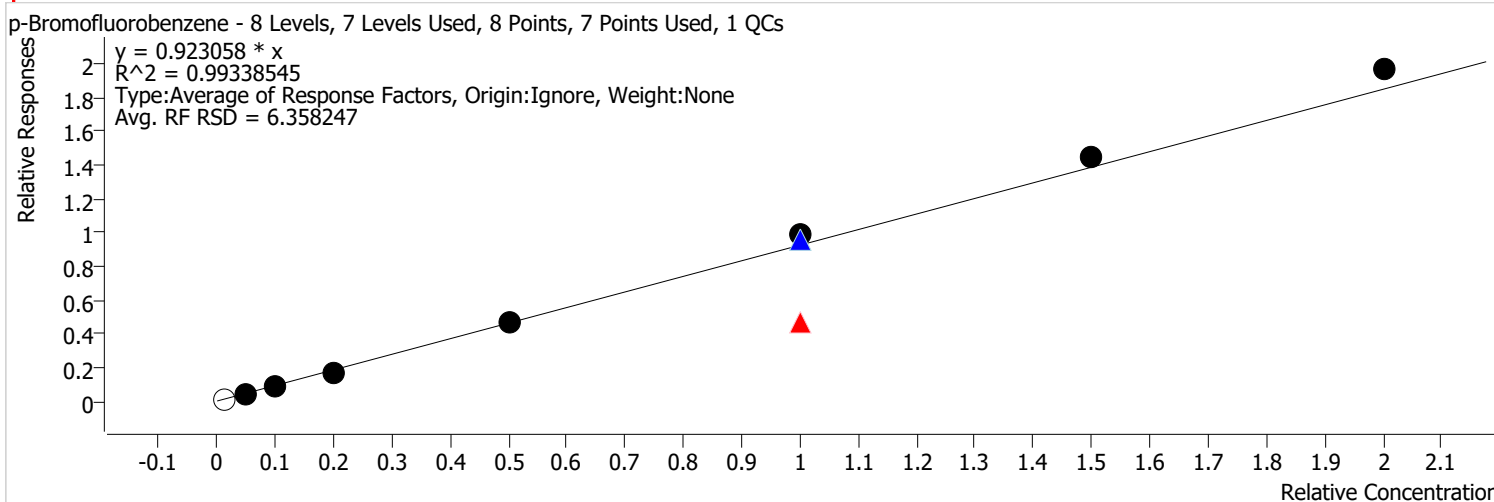


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 928 | 2.5000 | 0.3841 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 4402 | 12.5000 | 0.3494 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 8920 | 25.0000 | 0.3448 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 16290 | 50.0000 | 0.3097 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 45045 | 125.0000 | 0.3241 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 45029 | 125.0000 | 0.3175 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 45045 | 125.0000 | 0.3241 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 96001 | 250.0000 | 0.3428 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 143943 | 375.0000 | 0.3344 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 198345 | 500.0000 | 0.3397 | |

Calibration Report

| | | | |
|---------------------|---|----------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

p-Bromofluorobenzene %RSE =

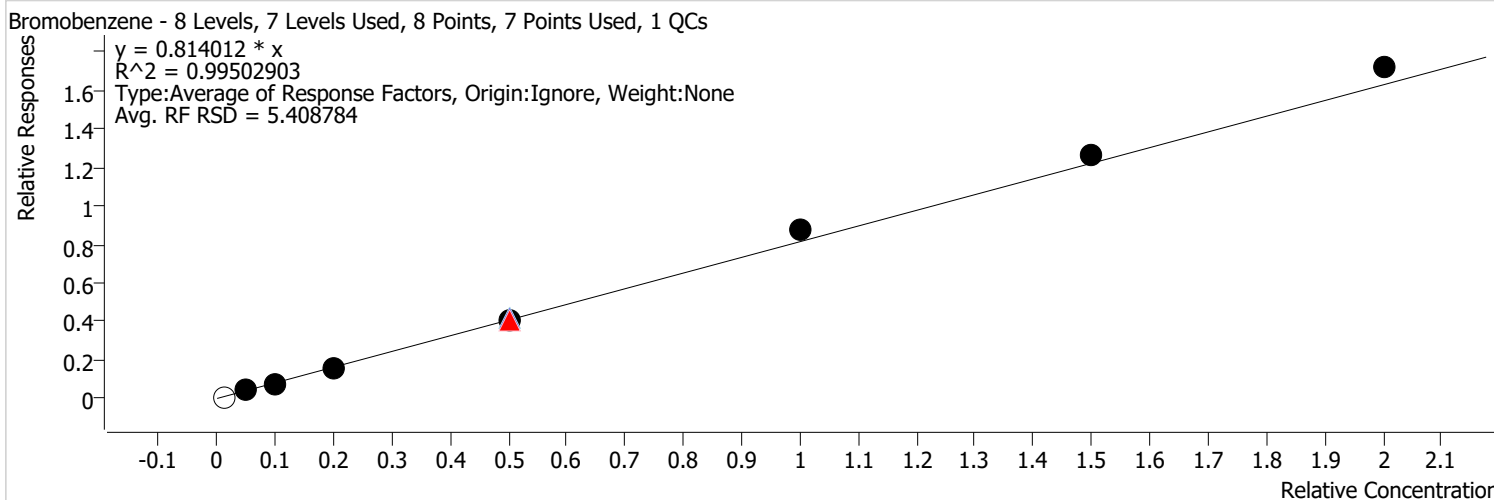


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 3195 | 2.5000 | 1.3225 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 10669 | 12.5000 | 0.8469 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 23160 | 25.0000 | 0.8953 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 45114 | 50.0000 | 0.8578 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 128330 | 125.0000 | 0.9232 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 128330 | 250.0000 | 0.4616 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 270628 | 250.0000 | 0.9540 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 277668 | 250.0000 | 0.9915 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 415878 | 375.0000 | 0.9662 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 572482 | 500.0000 | 0.9806 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

Bromobenzene %RSE = 5.4

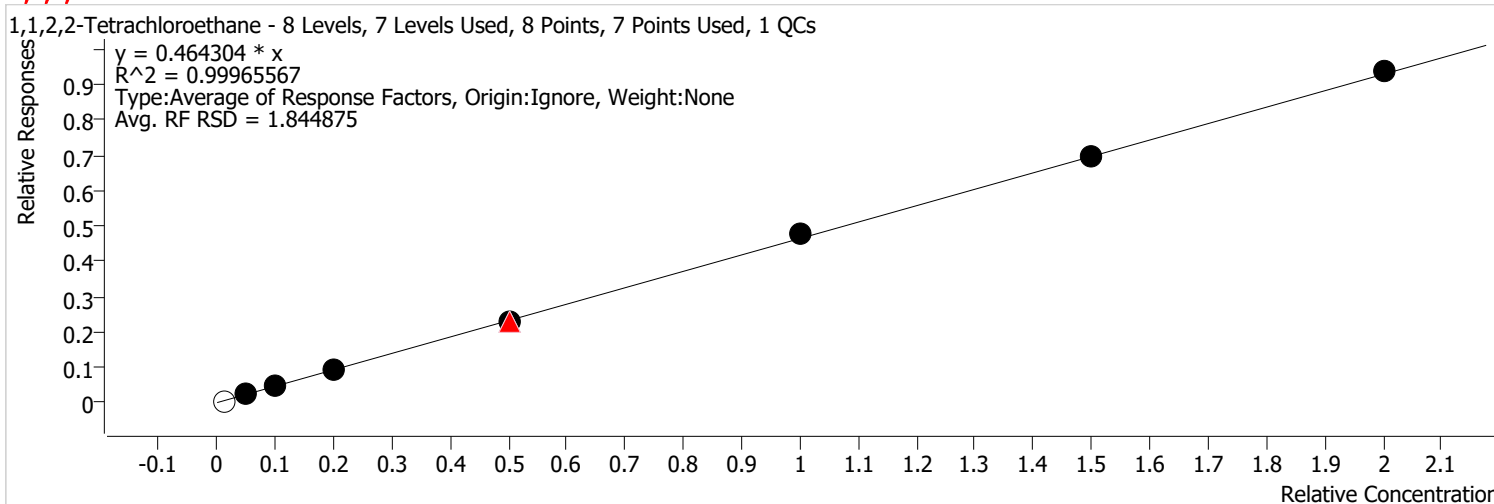


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2095 | 2.5000 | 0.8672 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9784 | 12.5000 | 0.7767 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20364 | 25.0000 | 0.7872 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 39639 | 50.0000 | 0.7537 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 112733 | 125.0000 | 0.8110 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 118930 | 125.0000 | 0.8385 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 112733 | 125.0000 | 0.8110 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 243851 | 250.0000 | 0.8707 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 361843 | 375.0000 | 0.8406 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 501025 | 500.0000 | 0.8582 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,1,2,2-Tetrachloroethane %RSE = 1.8

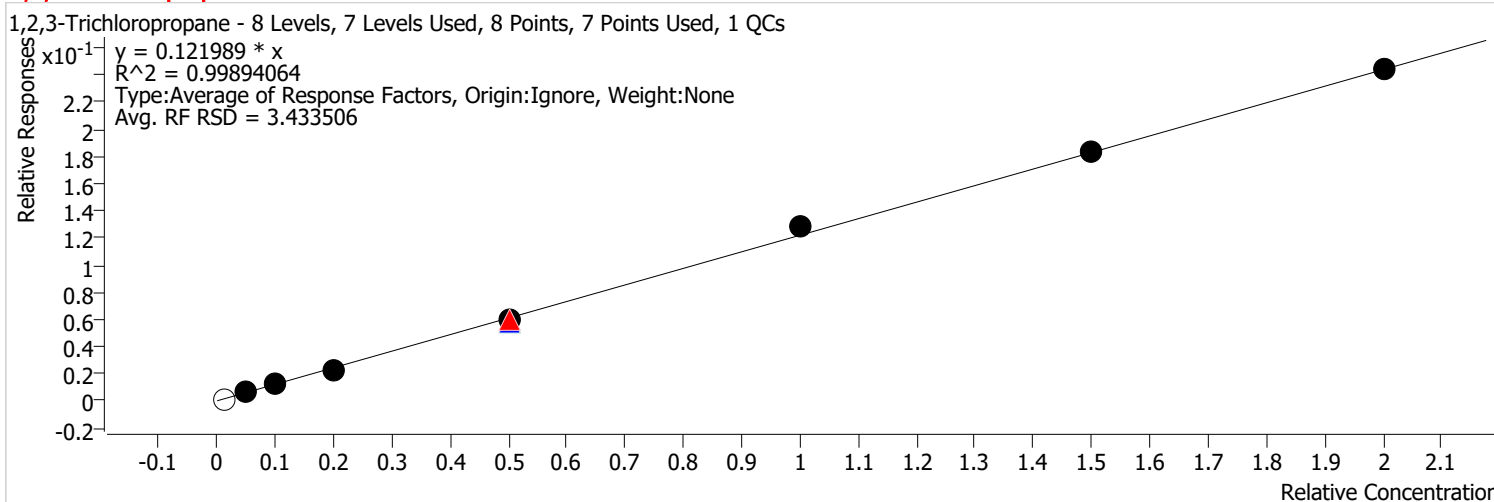


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 1247 | 2.5000 | 0.5163 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 5757 | 12.5000 | 0.4570 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 12137 | 25.0000 | 0.4692 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 24493 | 50.0000 | 0.4657 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 62640 | 125.0000 | 0.4506 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 65177 | 125.0000 | 0.4595 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 62640 | 125.0000 | 0.4506 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 133573 | 250.0000 | 0.4769 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 199230 | 375.0000 | 0.4629 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 273124 | 500.0000 | 0.4678 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,2,3-Trichloropropane %RSE = 3.4



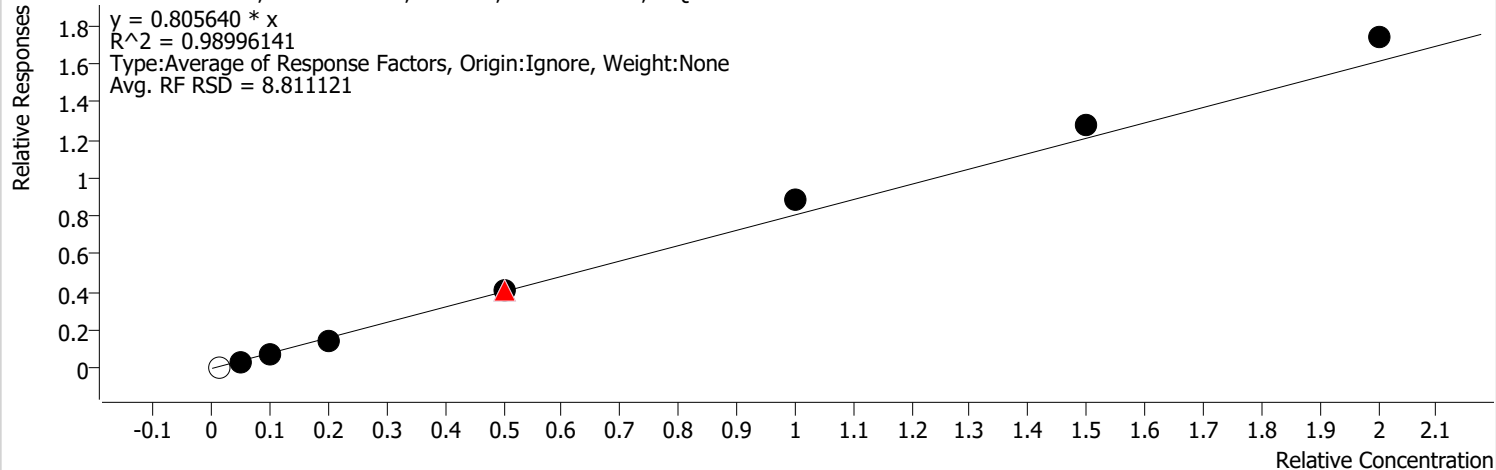
| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|-------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 358 | 2.5000 | 0.1482 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 1522 | 12.5000 | 0.1208 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 3237 | 25.0000 | 0.1251 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 6147 | 50.0000 | 0.1169 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 16355 | 125.0000 | 0.1177 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 16507 | 125.0000 | 0.1164 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 16355 | 125.0000 | 0.1177 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 36124 | 250.0000 | 0.1290 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 52732 | 375.0000 | 0.1225 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 71179 | 500.0000 | 0.1219 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

2-Chlorotoluene %RSE = 8.8

2-Chlorotoluene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

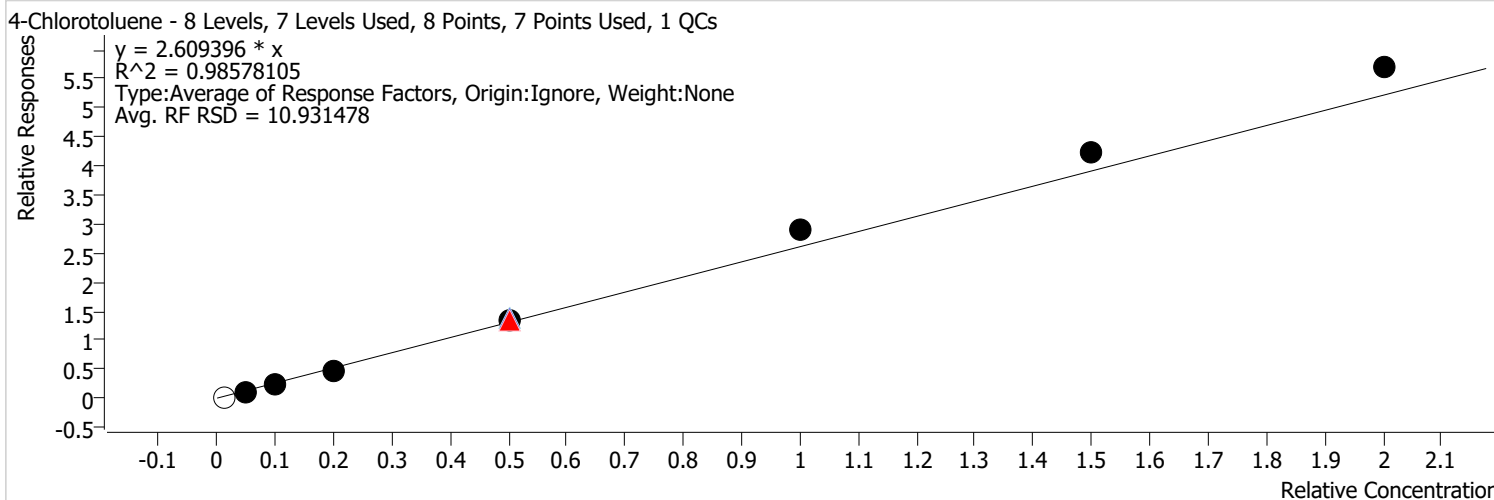


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 2035 | 2.5000 | 0.8423 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 9032 | 12.5000 | 0.7170 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 20511 | 25.0000 | 0.7929 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 37139 | 50.0000 | 0.7062 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 114135 | 125.0000 | 0.8211 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 117036 | 125.0000 | 0.8251 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 114135 | 125.0000 | 0.8211 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 247831 | 250.0000 | 0.8849 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 365790 | 375.0000 | 0.8498 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 506556 | 500.0000 | 0.8676 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

4-Chlorotoluene %RSE = 10.9

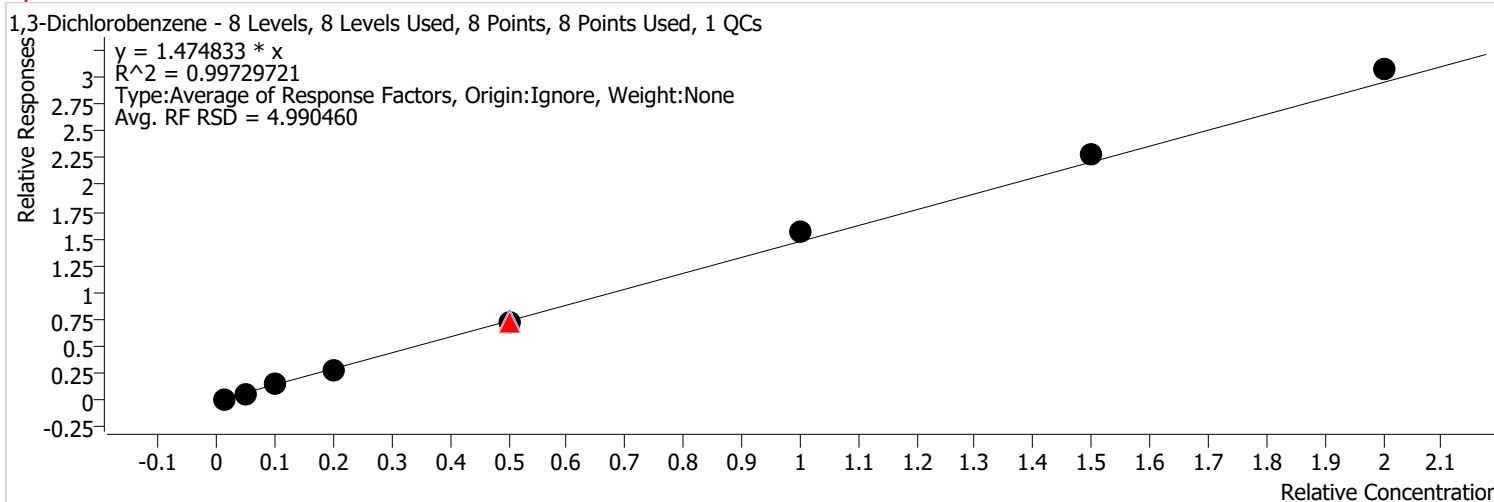


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|---------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | | 5544 | 2.5000 | 2.2948 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 26850 | 12.5000 | 2.1314 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 64162 | 25.0000 | 2.4802 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 125553 | 50.0000 | 2.3873 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 375931 | 125.0000 | 2.7044 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 395846 | 125.0000 | 2.7908 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 375931 | 125.0000 | 2.7044 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 814408 | 250.0000 | 2.9080 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 1209058 | 375.0000 | 2.8089 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 1661293 | 500.0000 | 2.8455 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,3-Dichlorobenzene %RSE = 5.0

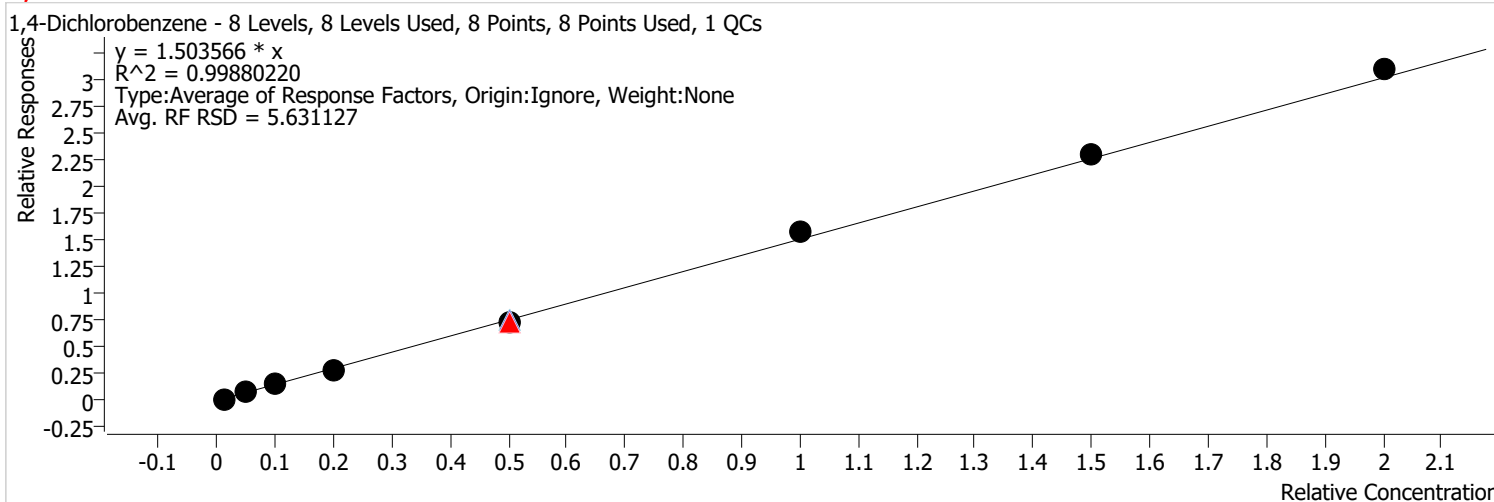


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 3715 | 2.5000 | 1.5377 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 17111 | 12.5000 | 1.3583 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 37763 | 25.0000 | 1.4598 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 73221 | 50.0000 | 1.3923 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 200403 | 125.0000 | 1.4417 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 214054 | 125.0000 | 1.5091 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 200403 | 125.0000 | 1.4417 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 436562 | 250.0000 | 1.5588 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 652775 | 375.0000 | 1.5165 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 895336 | 500.0000 | 1.5335 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

1,4-Dichlorobenzene %RSE = 5.6

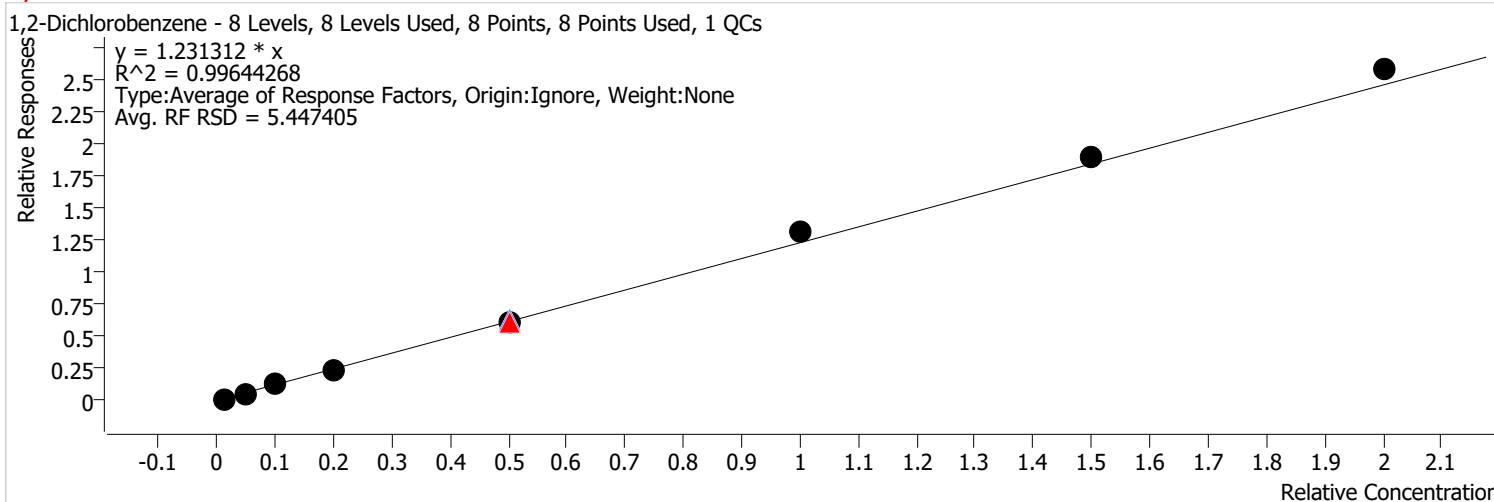


| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 3952 | 2.5000 | 1.6358 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 17730 | 12.5000 | 1.4074 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 38799 | 25.0000 | 1.4998 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 72168 | 50.0000 | 1.3723 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 205880 | 125.0000 | 1.4811 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 216533 | 125.0000 | 1.5266 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 205880 | 125.0000 | 1.4811 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 438291 | 250.0000 | 1.5650 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 656962 | 375.0000 | 1.5263 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 899595 | 500.0000 | 1.5408 | |

Calibration Report

| | | | |
|----------------------------|---|-----------------------------|----------------|
| Batch Path | D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | Analyst Name | BL2000\mchavez |
| Analysis Time | 1/22/2022 1:32 PM | Reporter Name | BL2000\mchavez |
| Report Time | 1/22/2022 1:35:46 PM | Batch State | Processed |
| Last Calib Update | 1/20/2022 9:28 AM | Quant Report Version | 10.0 |
| Quant Batch Version | 10.0 | | |

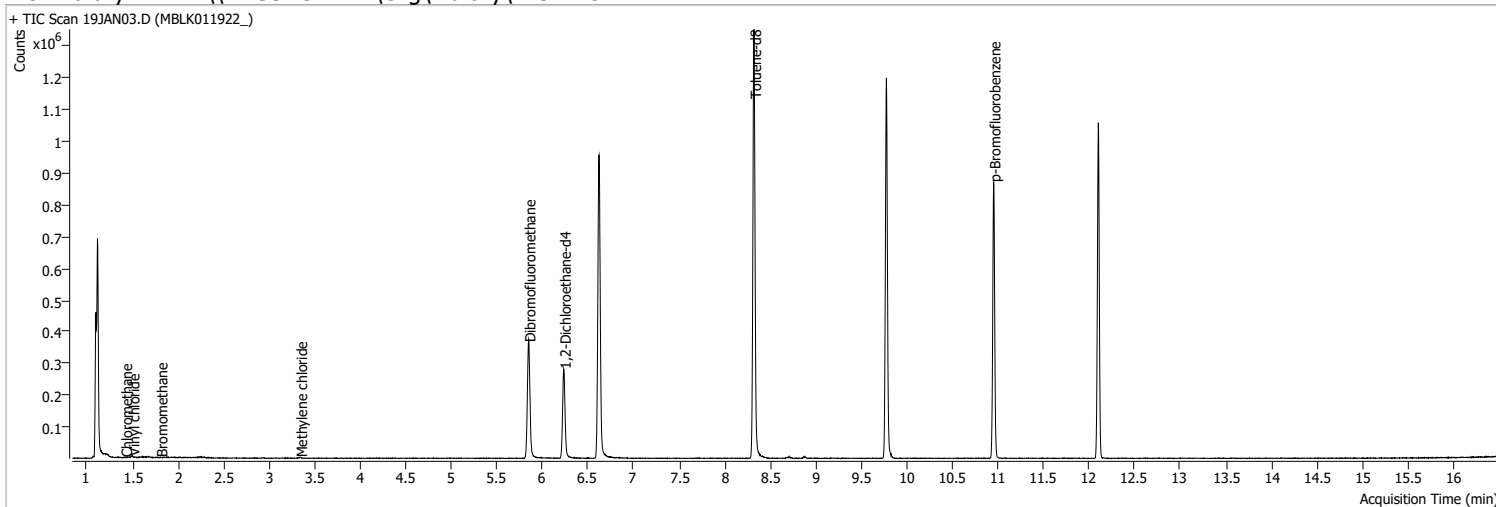
1,2-Dichlorobenzene %RSE = 5.4



| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|-------------|-------|---------|--------|-----------|--------------|-----------|
| D:\Org\Data\VOA5975C\VG011922\19JAN04.D | Calibration | 1 | x | 3048 | 2.5000 | 1.2617 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN05.D | Calibration | 2 | x | 14345 | 12.5000 | 1.1387 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN06.D | Calibration | 3 | x | 31975 | 25.0000 | 1.2360 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN07.D | Calibration | 4 | x | 59208 | 50.0000 | 1.1258 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | CC | CC | x | 169723 | 125.0000 | 1.2210 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN17.D | QC | QC | x | 177148 | 125.0000 | 1.2489 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN09.D | Calibration | 5 | x | 169723 | 125.0000 | 1.2210 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN11.D | Calibration | 6 | x | 366153 | 250.0000 | 1.3074 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN13.D | Calibration | 7 | x | 546389 | 375.0000 | 1.2694 | |
| D:\Org\Data\VOA5975C\VG011922\19JAN15.D | Calibration | 8 | x | 753439 | 500.0000 | 1.2905 | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN03.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 10:13:09 AM |
| Sample Name | MBLK011922_ | Instrument | VOA5975C |
| Vial | 3 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|----------|----|------|-------|-------|-------|----------|
|----------|----|------|-------|-------|-------|----------|

Internal Standards

| | | | | | | |
|--------------------------|--------|-------|--------|----------|----|-------|
| M Fluorobenzene | 6.621 | 96.0 | 812130 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 329825 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 253834 | 250.0000 | ng | 0.000 |

System Monitoring Compounds

| | | | | | | |
|-------------------------|----------------------|-------|--------|----------------------|----|--------|
| S Dibromofluoromethane | 5.845 | 113.0 | 221291 | 281.3207 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 112.53% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 100892 | 296.9186 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 118.77% * | | |
| S Toluene-d8 | 8.322 | 98.0 | 833211 | 258.9413 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 103.58% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 244714 | 261.1079 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 104.44% | | |

Target Compounds

| Compound | RT | QIon | Resp. | Conc. | Units | QValue |
|----------------------------------|-------|------|-------|--------|-------|--------|
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.420 | 50.0 | 477 | 0.3708 | ng m | 67 |
| T Vinyl chloride | 1.501 | 62.0 | 450 | 0.3842 | ng m | 51 |
| T Bromomethane | 1.807 | 96.0 | 344 | 2.5579 | ng m | 96 |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.341 | 49.0 | 2137 | 1.7999 | ng m | 86 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 0.000 | | 0 | N.D. | | |

Quantitation Results Report (QT Reviewed)

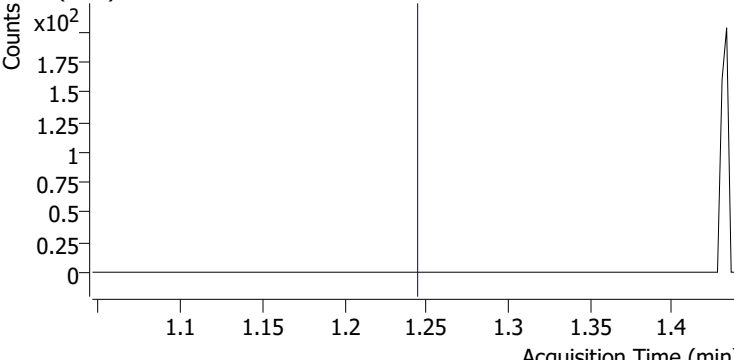
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|-------|------|-------|-------|-------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 0.000 | | 0 | N.D. | | |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | |
| T m+p-Xylenes | 0.000 | | 0 | N.D. | | |
| T o-Xylene | 0.000 | | 0 | N.D. | | |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 0.000 | | 0 | N.D. | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

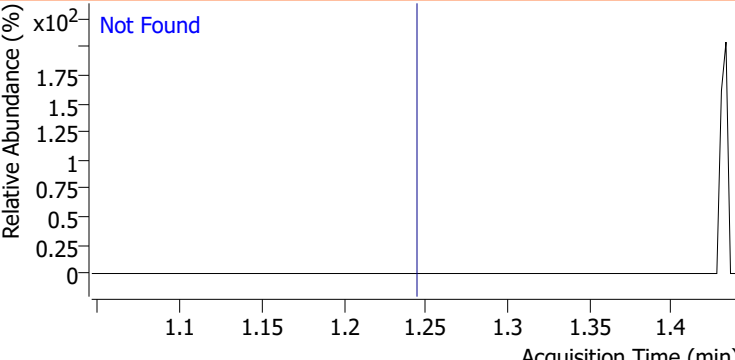
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------------|-------|--------|------|-----------|
| Dichlorodifluoromethane | N.D. | 1.24 | 87.0 | 31.8 |

+ EIC (85.0) Scan 19JAN03.D



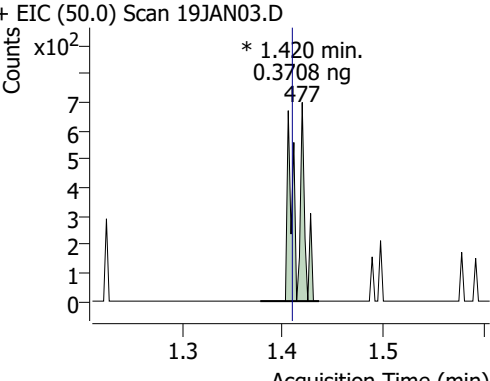
85.0, 87.0

Not Found



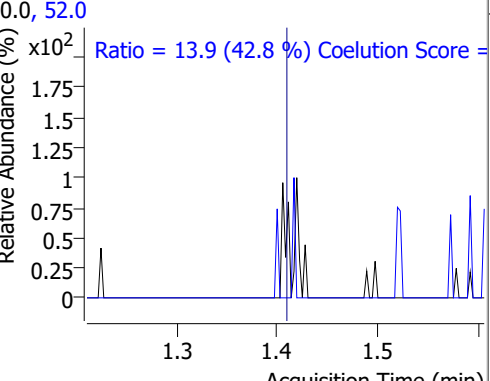
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|--------|------|----------|---------|------|--------|-------|-------|
| Chloromethane | 0.3708 | 1.42 | 0.01 | 477 (m) | 52.0 | 13.9 | 2.4 | 62.4 |

+ EIC (50.0) Scan 19JAN03.D



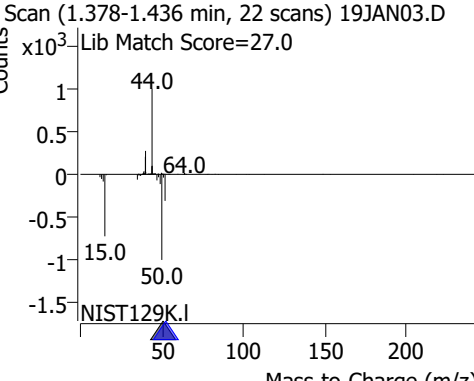
50.0, 52.0

Ratio = 13.9 (42.8 %) Coelution Score =



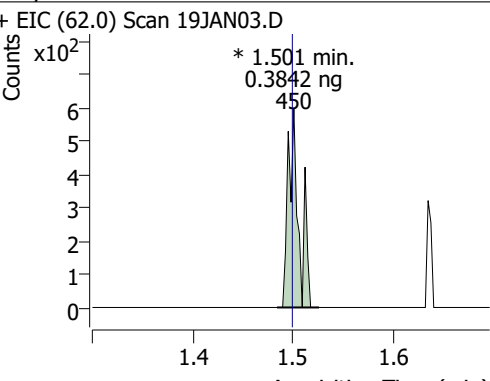
+ Scan (1.378-1.436 min, 22 scans) 19JAN03.D

Lib Match Score=27.0



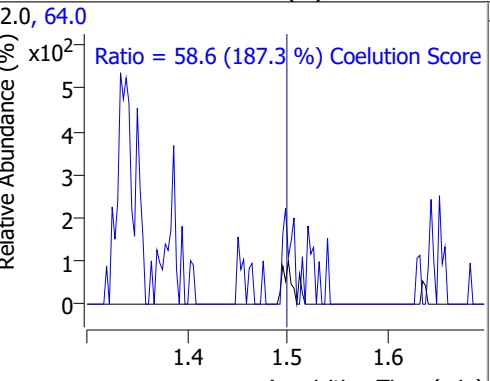
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|--------|------|----------|---------|------|--------|-------|-------|
| Vinyl chloride | 0.3842 | 1.50 | 0.00 | 450 (m) | 64.0 | 58.6 | 1.3 | 61.3 |

+ EIC (62.0) Scan 19JAN03.D



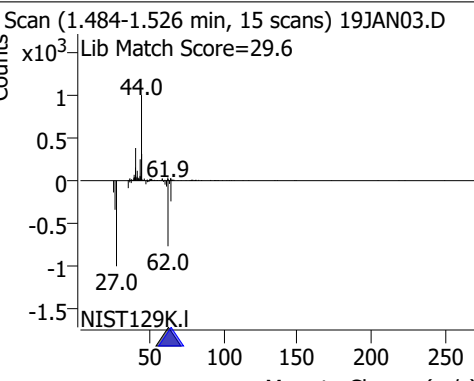
62.0, 64.0

Ratio = 58.6 (187.3 %) Coelution Score =



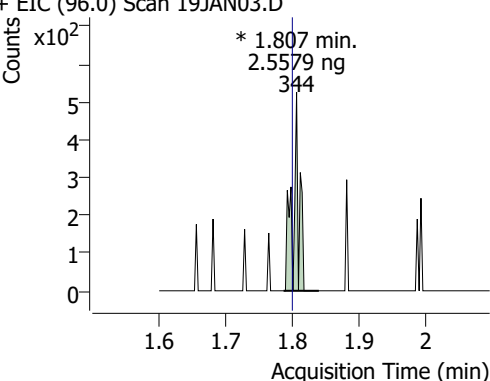
+ Scan (1.484-1.526 min, 15 scans) 19JAN03.D

Lib Match Score=29.6



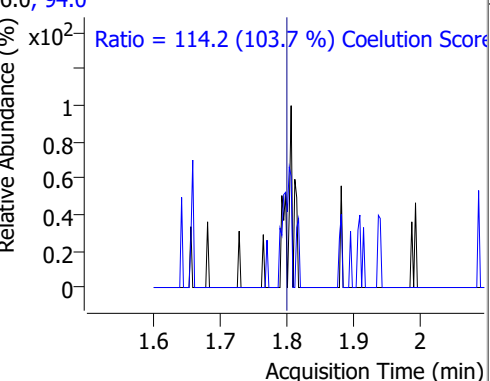
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|--------|------|----------|---------|------|--------|-------|-------|
| Bromomethane | 2.5579 | 1.81 | 0.01 | 344 (m) | 94.0 | 114.2 | 80.1 | 140.1 |

+ EIC (96.0) Scan 19JAN03.D



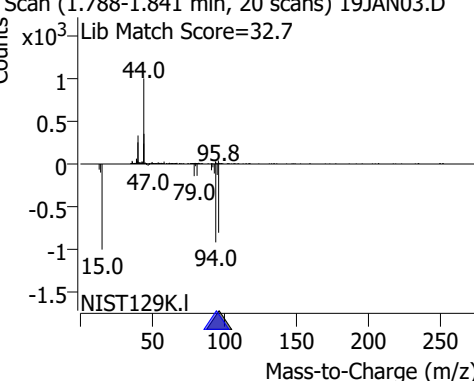
96.0, 94.0

Ratio = 114.2 (103.7 %) Coelution Score =



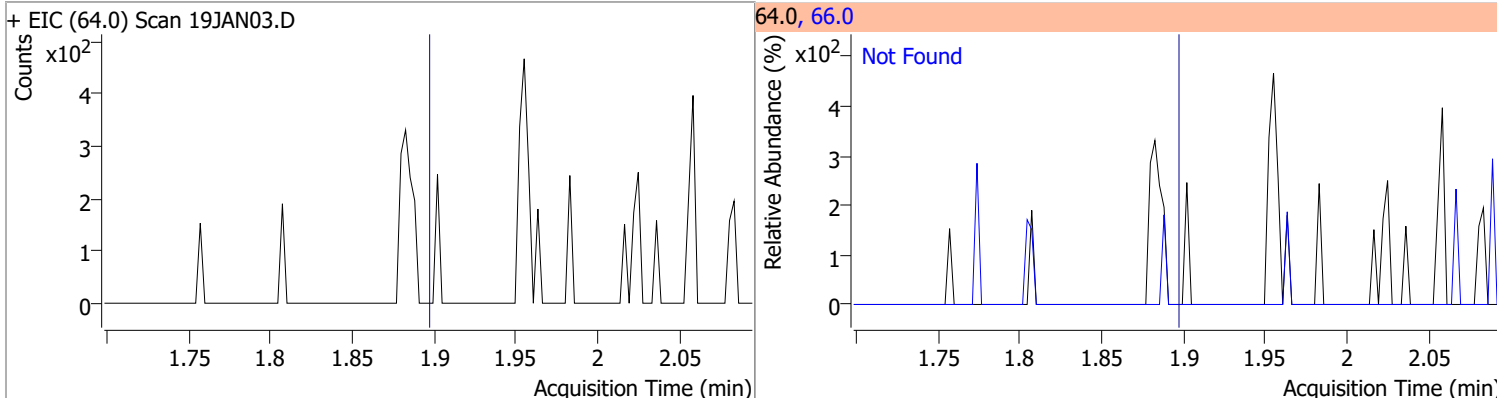
+ Scan (1.788-1.841 min, 20 scans) 19JAN03.D

Lib Match Score=32.7

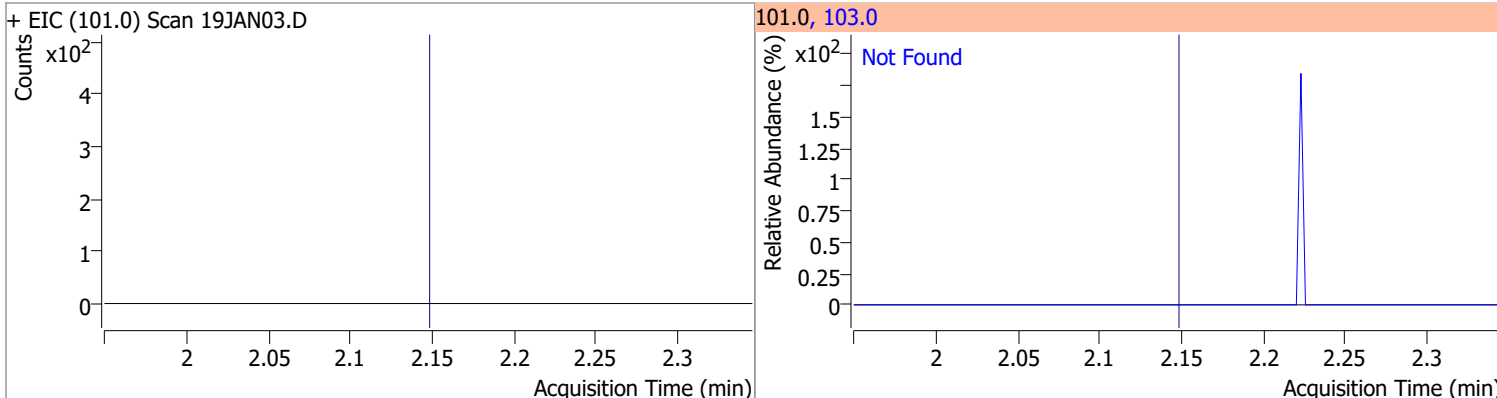


Quantitation Results Report (QT Reviewed)

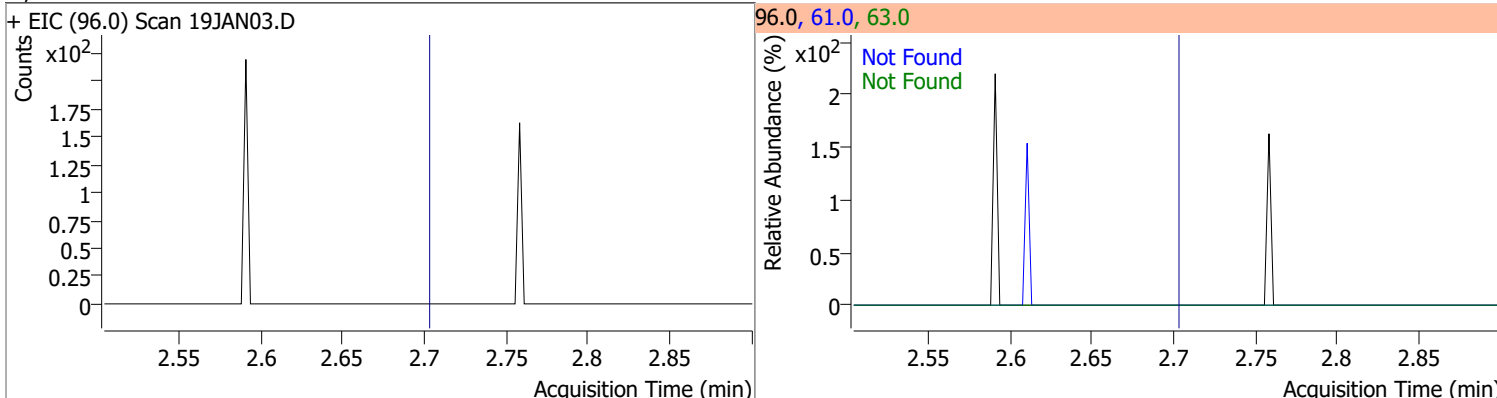
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



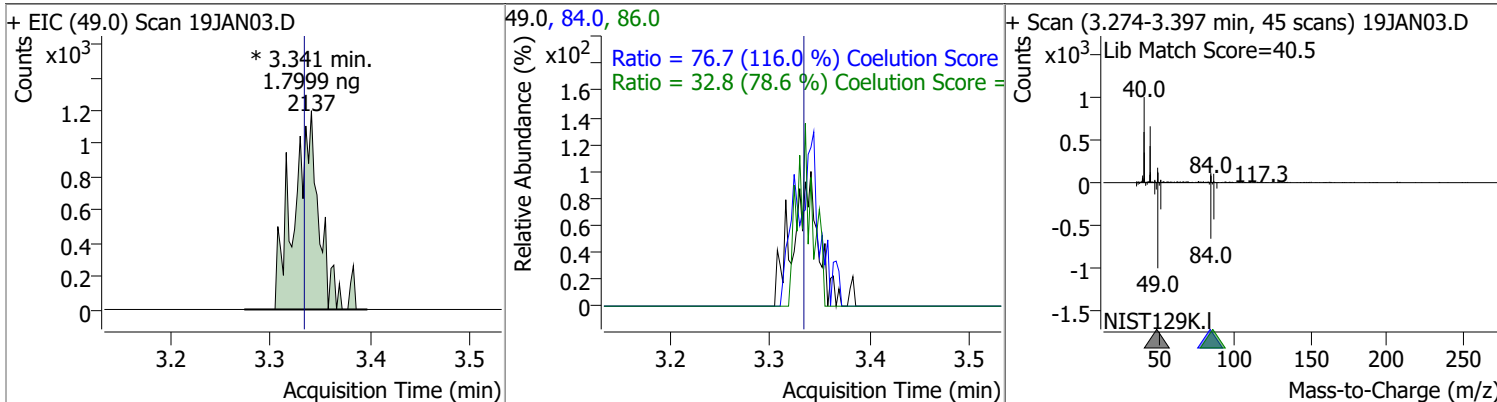
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



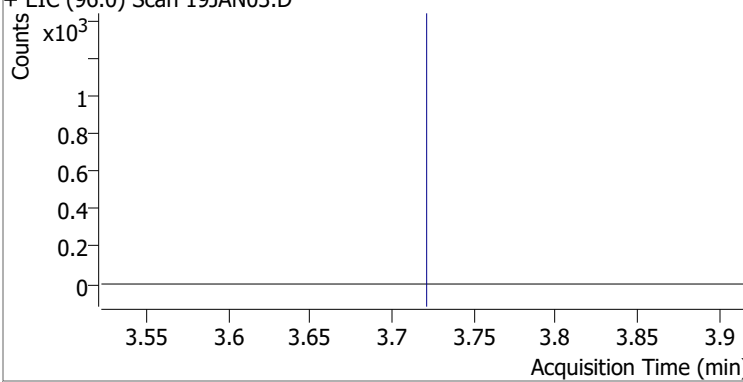
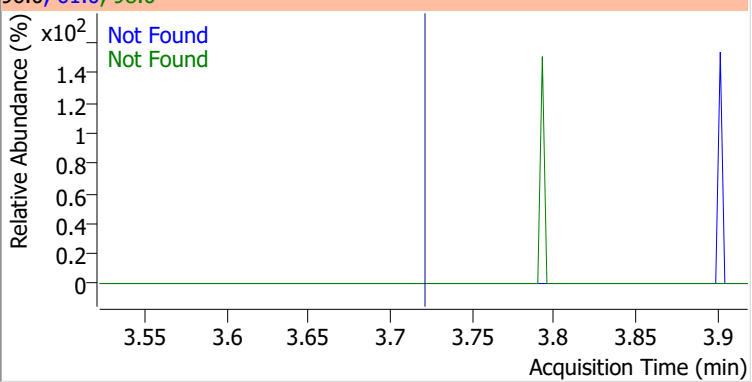
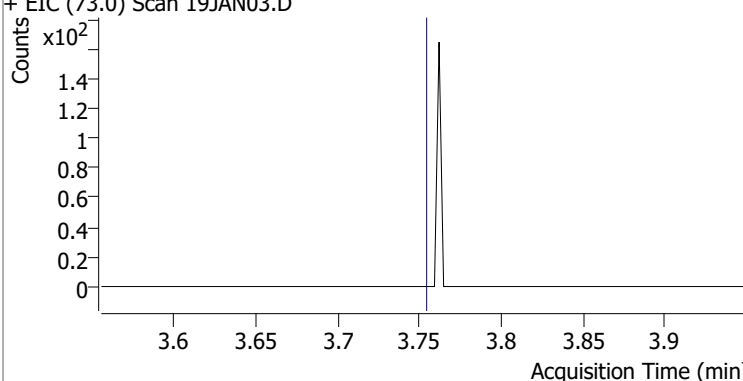
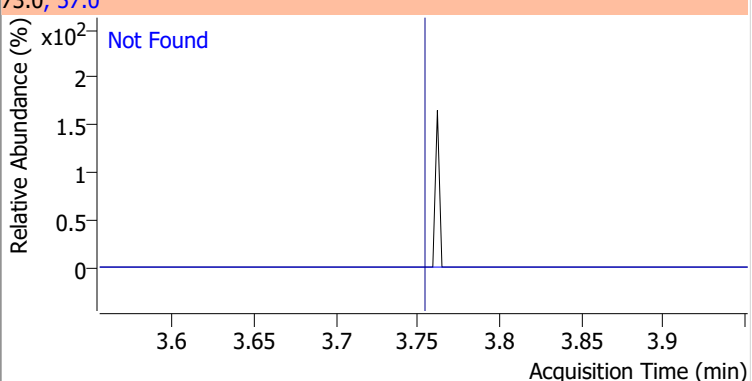
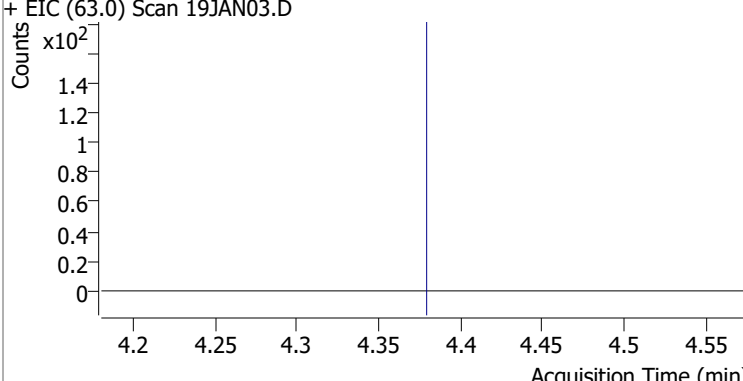
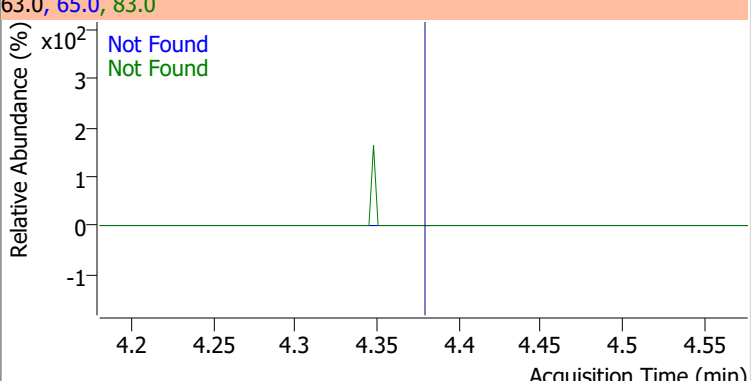
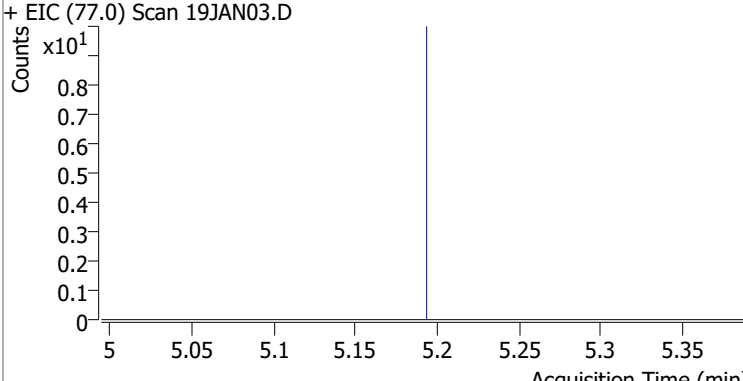
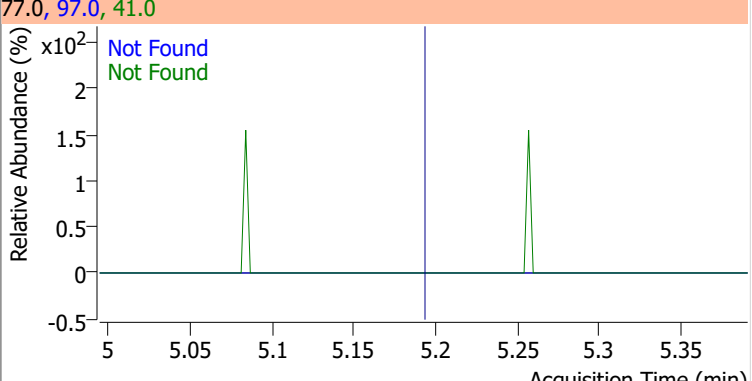
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 1.7999 | 3.34 | 0.01 | 2137 (m) | 84.0 | 76.7 | 36.1 | 96.1 |
| | | | | | 86.0 | 32.8 | 11.8 | 71.8 |

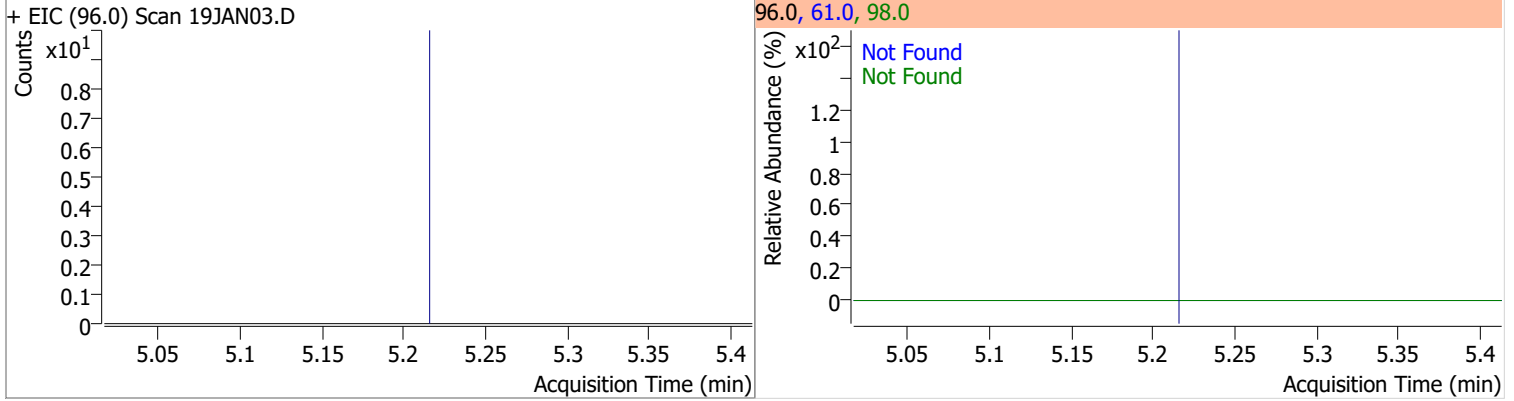


Quantitation Results Report (QT Reviewed)

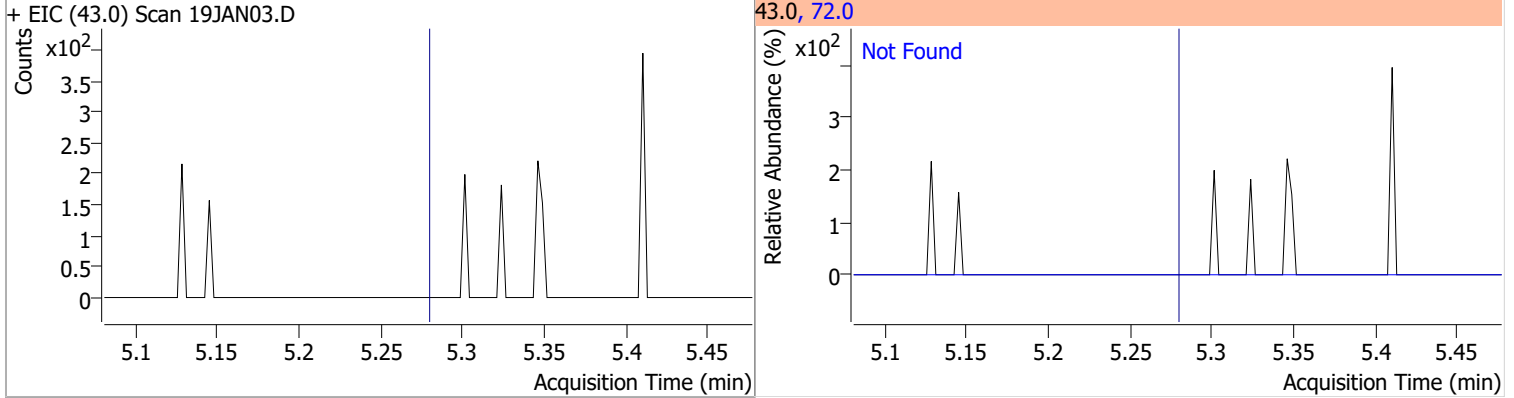
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |
| + EIC (96.0) Scan 19JAN03.D | | | 96.0, 61.0, 98.0 | | | |
|  | | |  | | | |
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 | | |
| + EIC (73.0) Scan 19JAN03.D | | | 73.0, 57.0 | | | |
|  | | |  | | | |
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |
| + EIC (63.0) Scan 19JAN03.D | | | 63.0, 65.0, 83.0 | | | |
|  | | |  | | | |
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |
| + EIC (77.0) Scan 19JAN03.D | | | 77.0, 97.0, 41.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

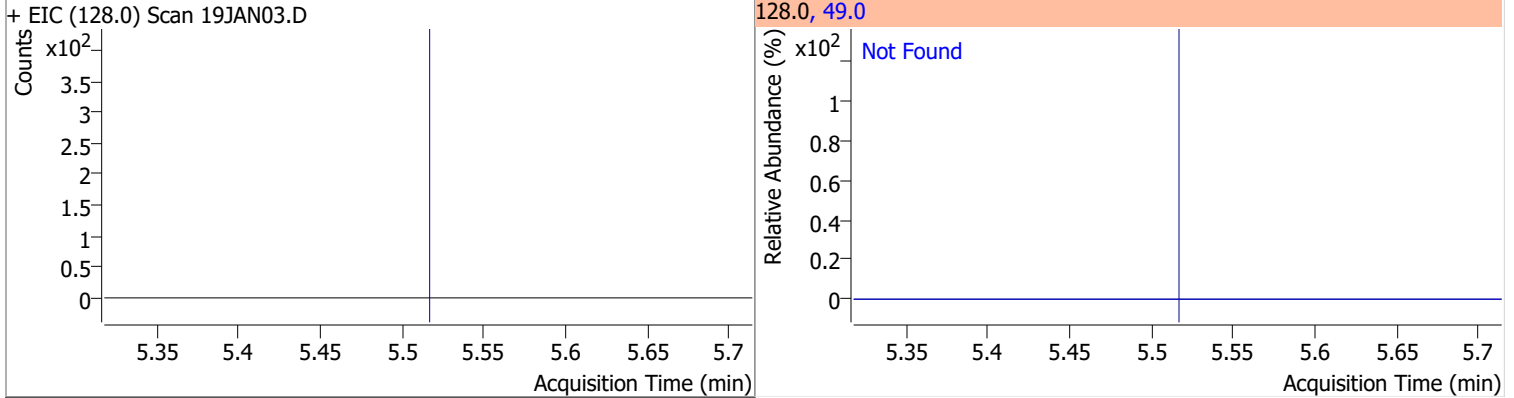
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



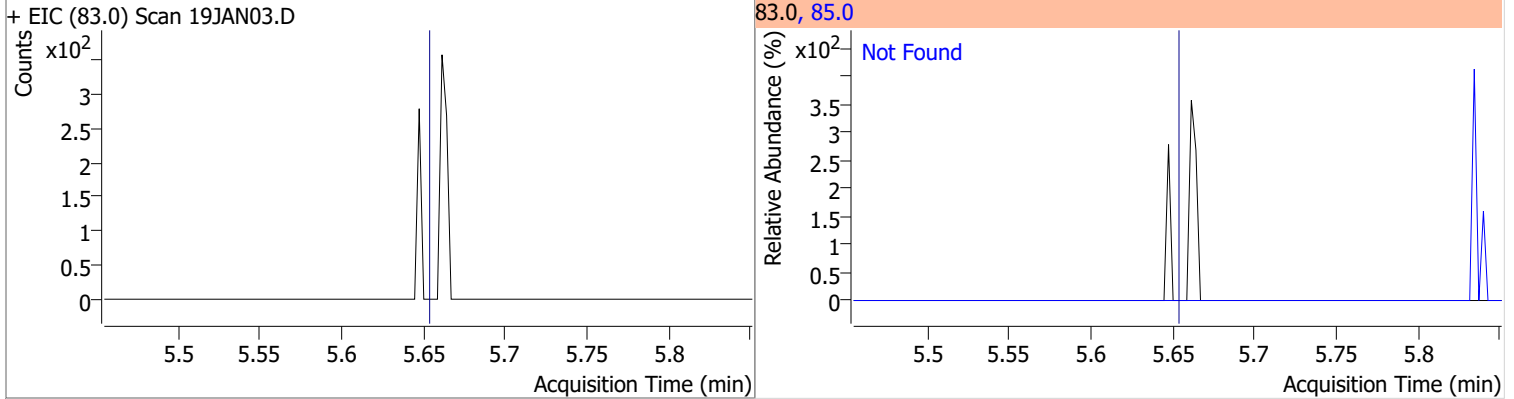
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



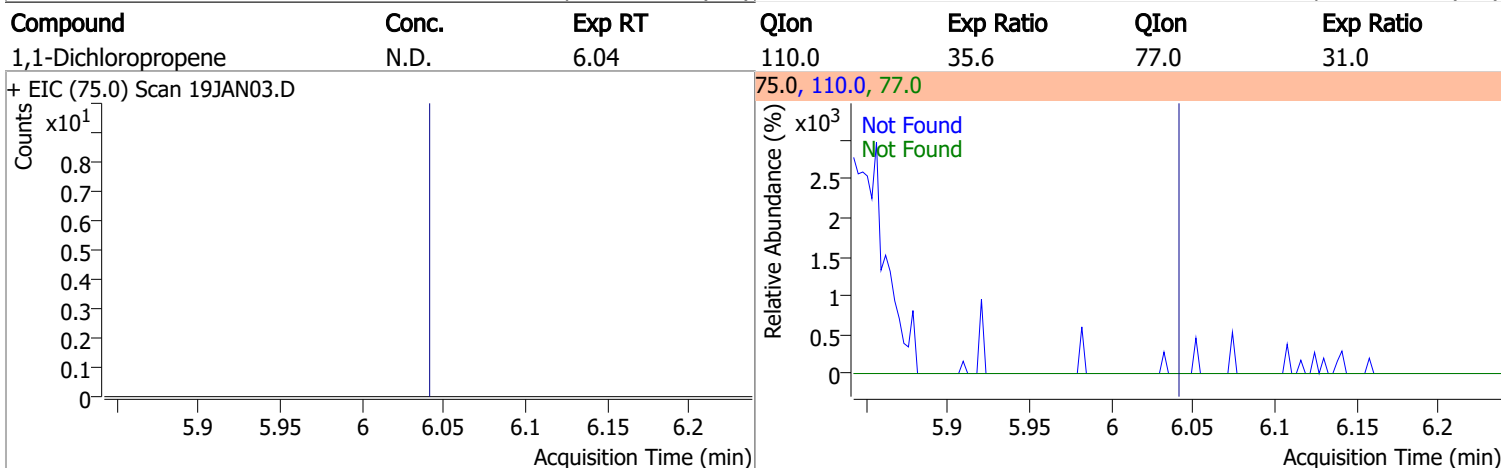
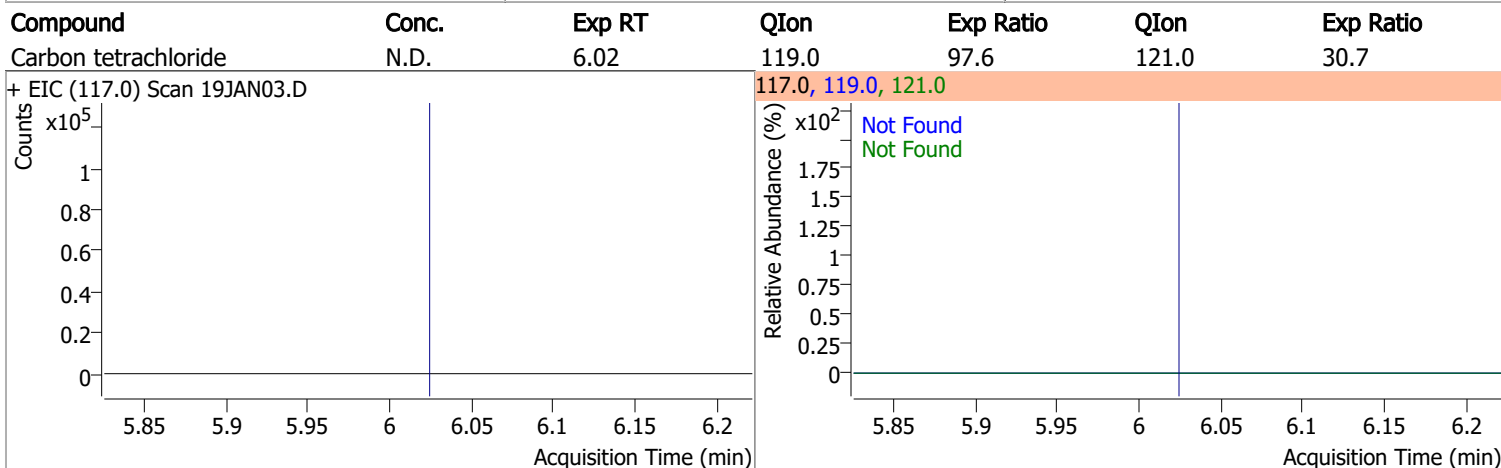
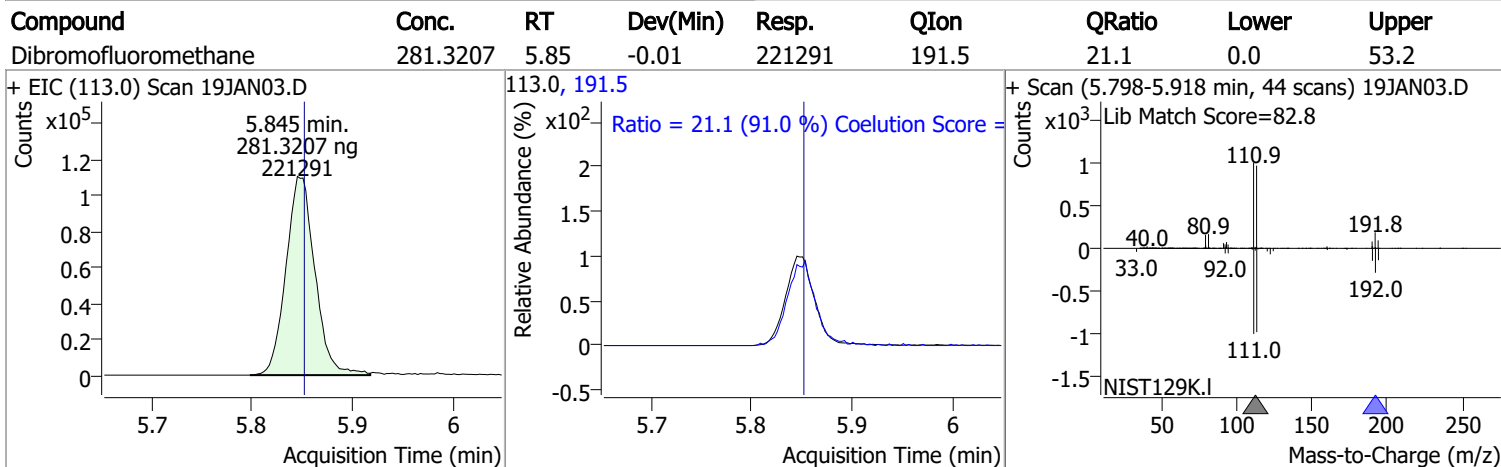
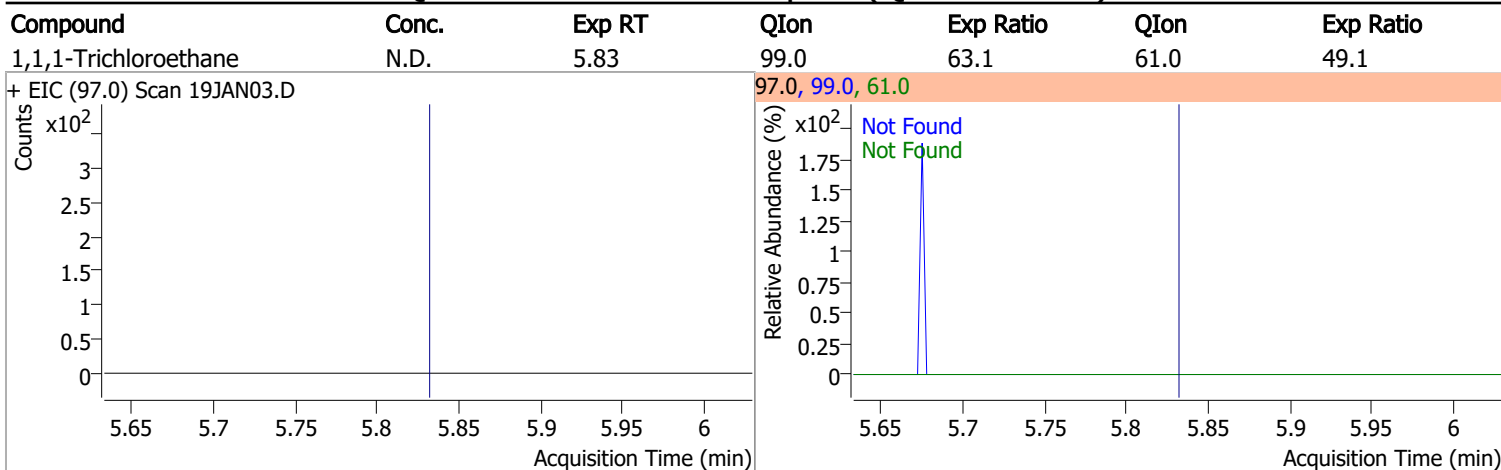
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------|-------|--------|------|-----------|
| Chloroform | N.D. | 5.65 | 85.0 | 66.2 |

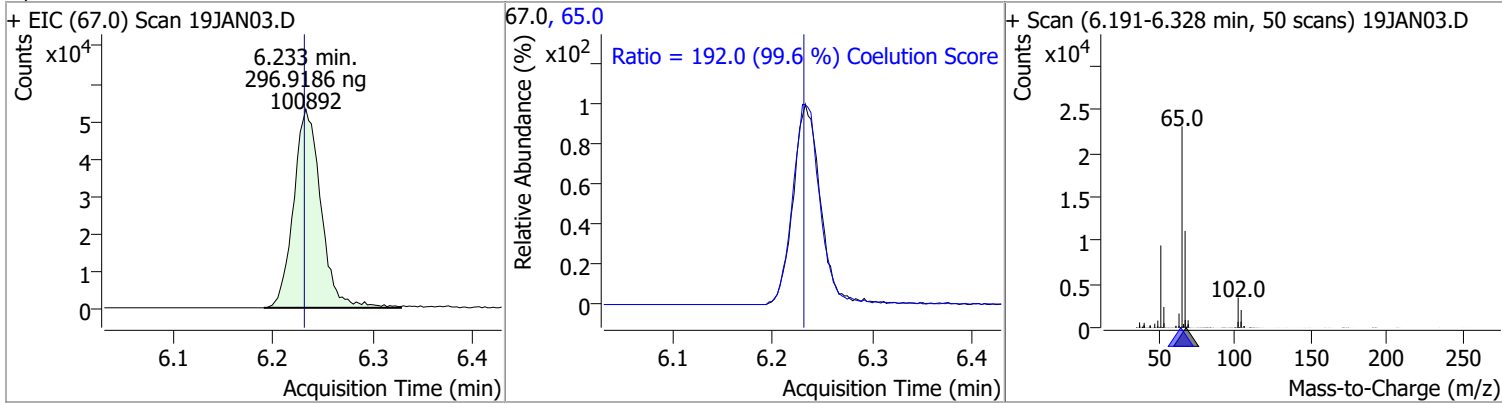


Quantitation Results Report (QT Reviewed)

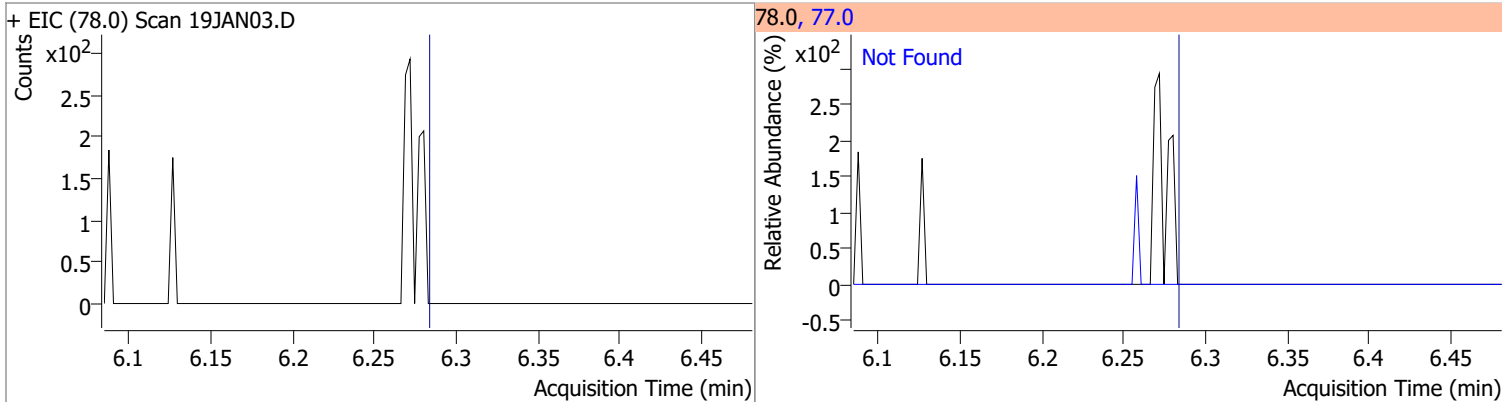


Quantitation Results Report (QT Reviewed)

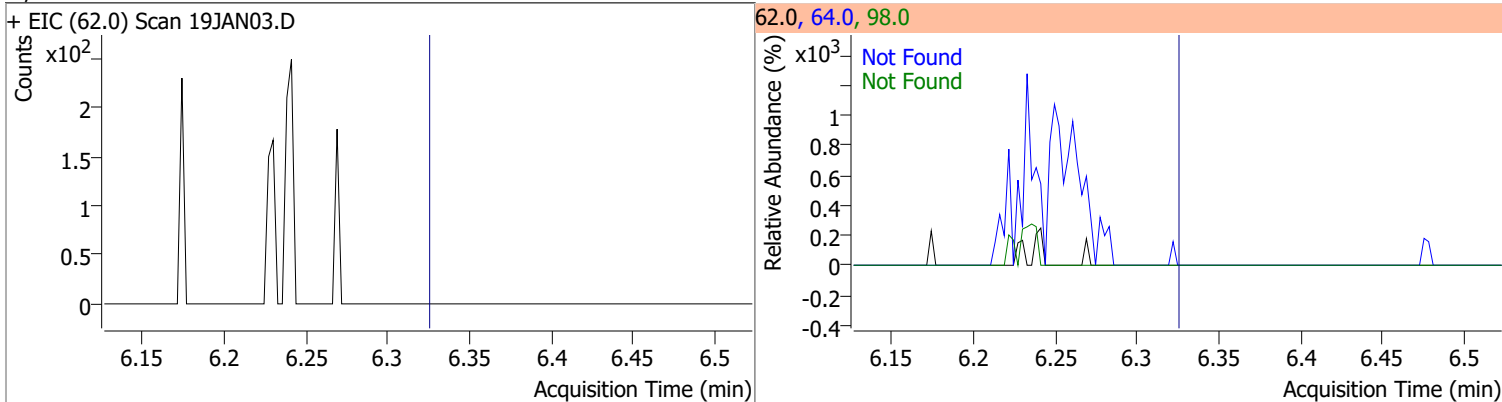
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 296.9186 | 6.23 | 0.00 | 100892 | 65.0 | 192.0 | 162.8 | 222.8 |



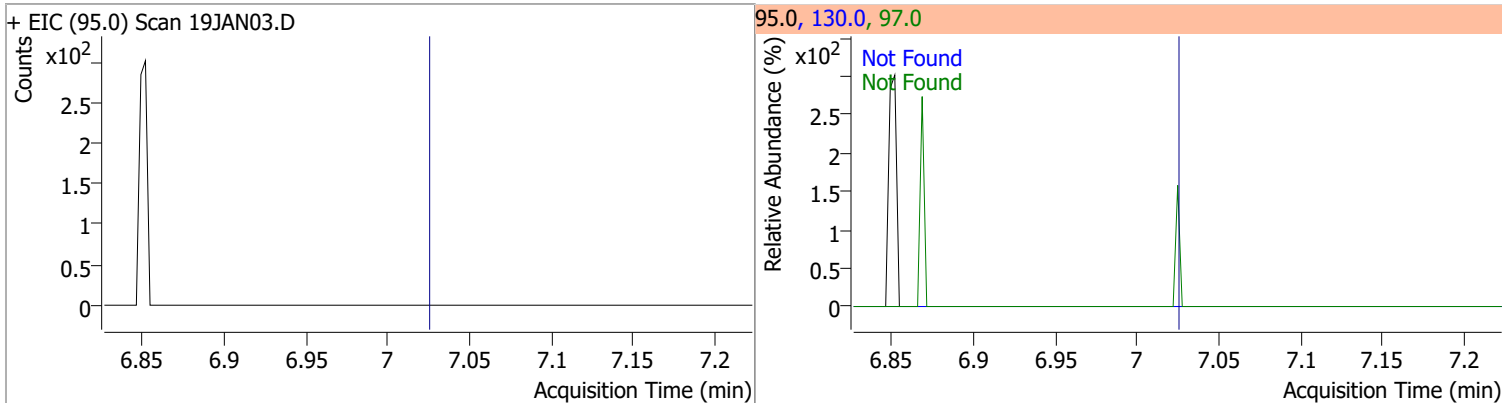
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



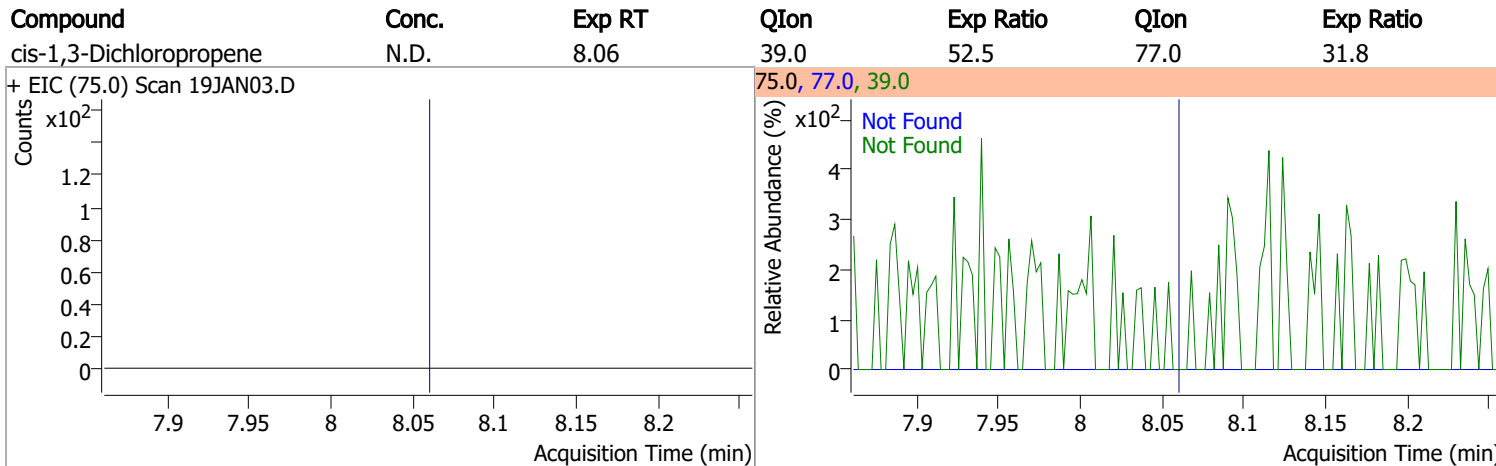
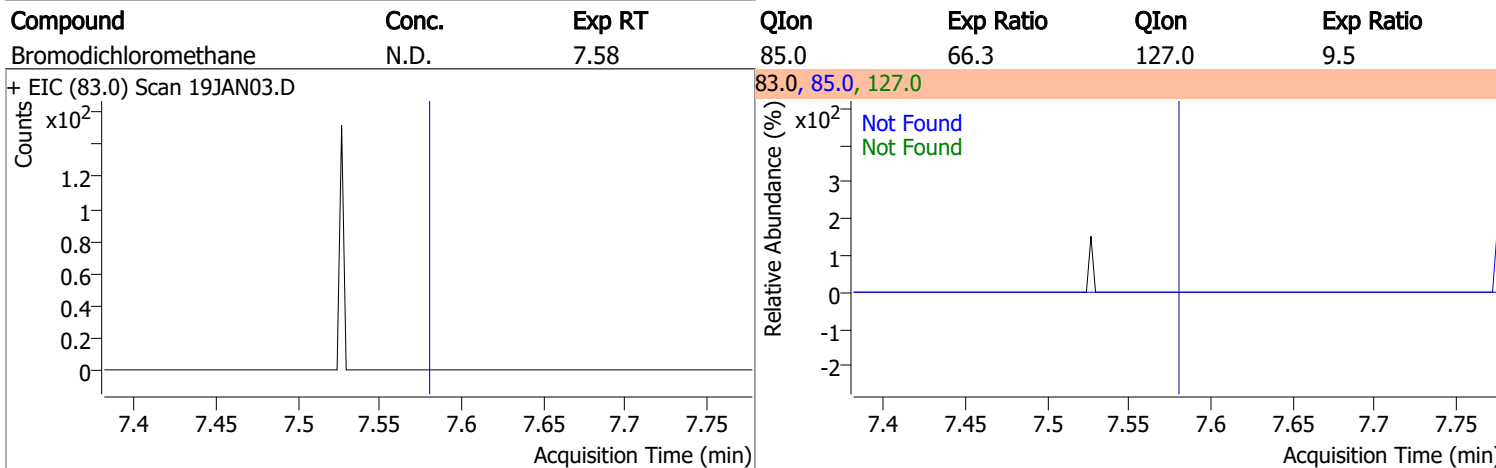
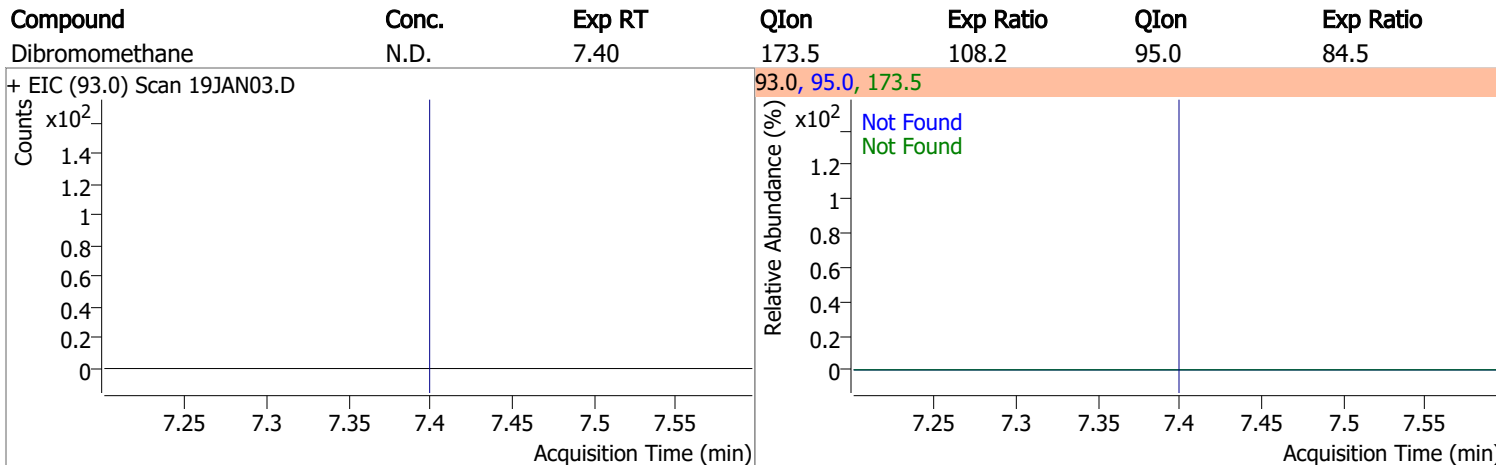
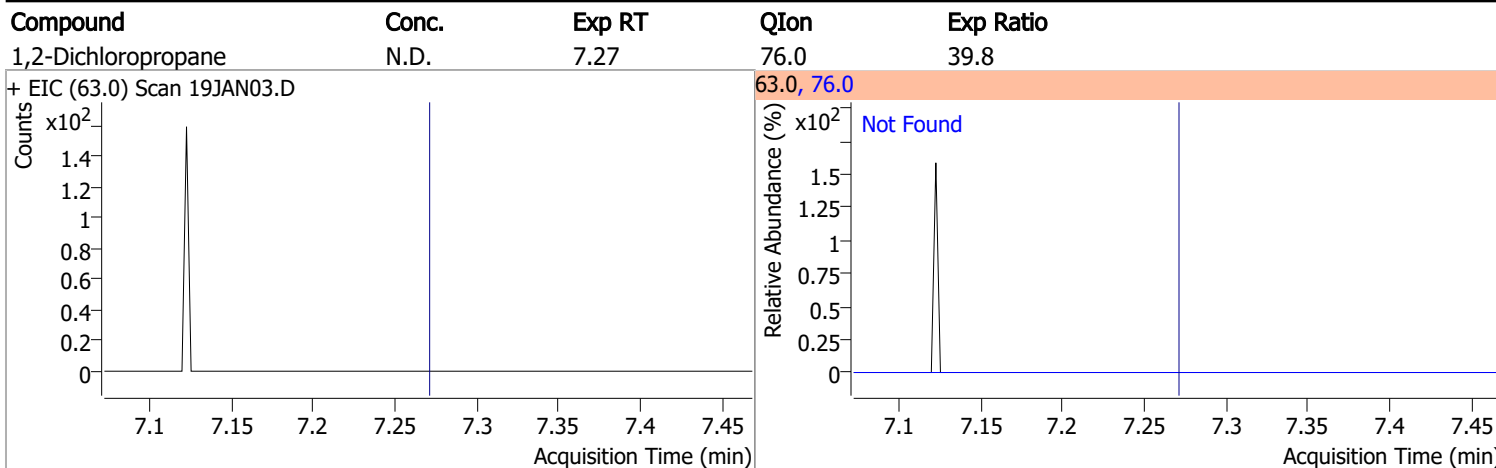
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

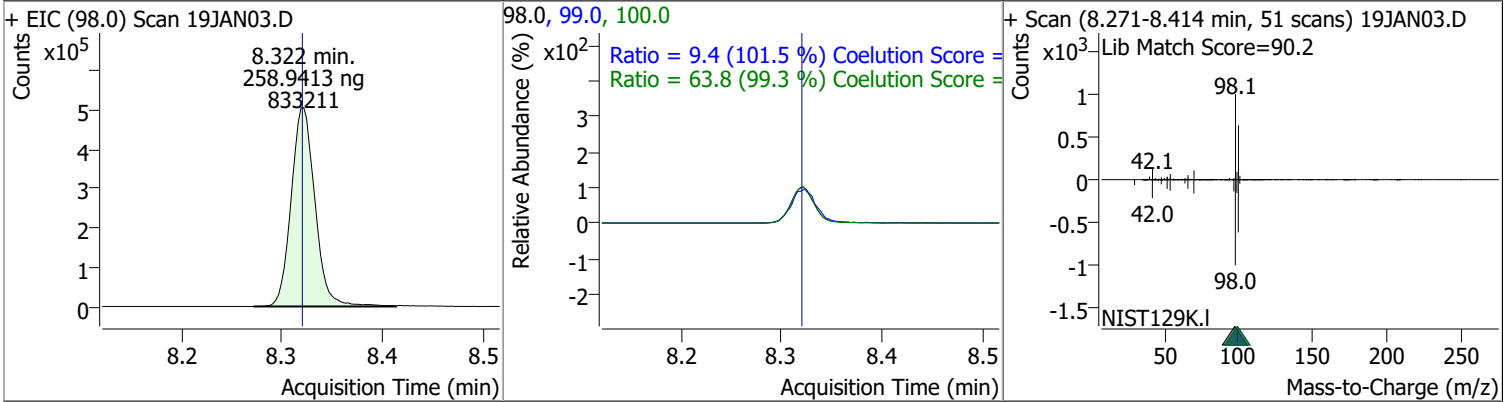


Quantitation Results Report (QT Reviewed)

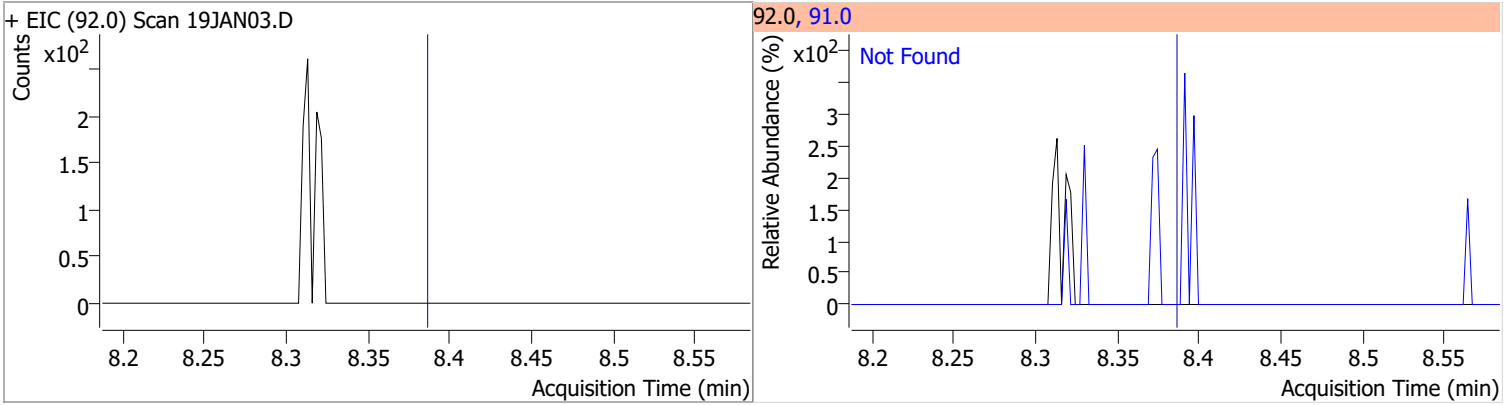


Quantitation Results Report (QT Reviewed)

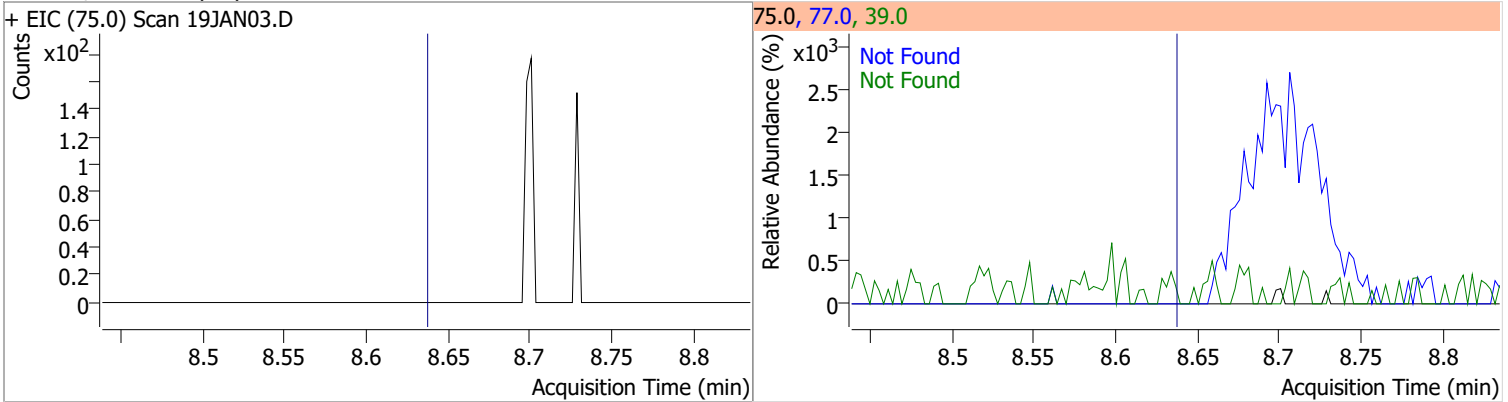
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 258.9413 | 8.32 | 0.00 | 833211 | 100.0 | 63.8 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |



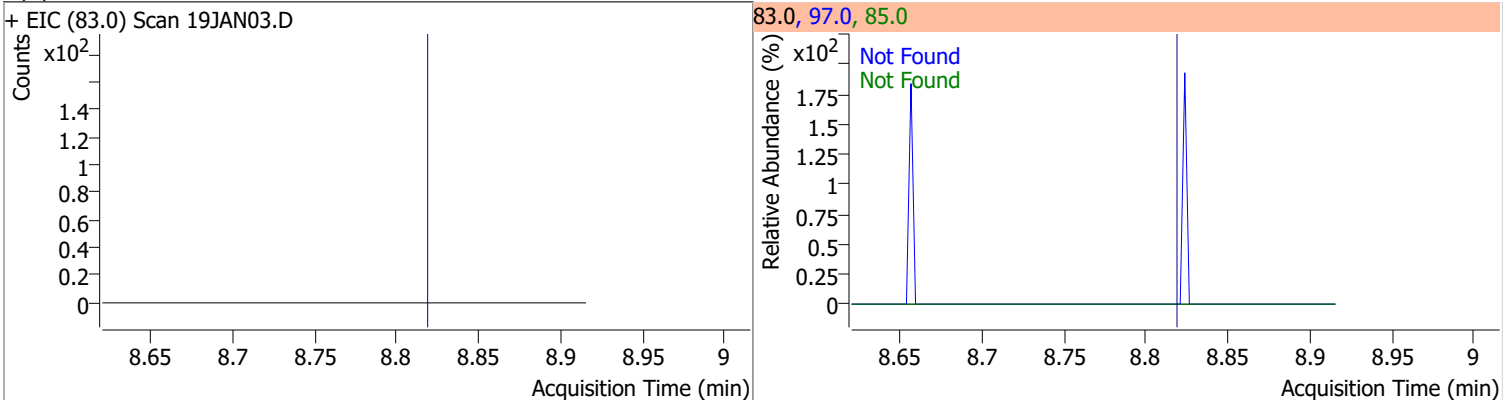
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Toluene | N.D. | 8.39 | 91.0 | 174.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |

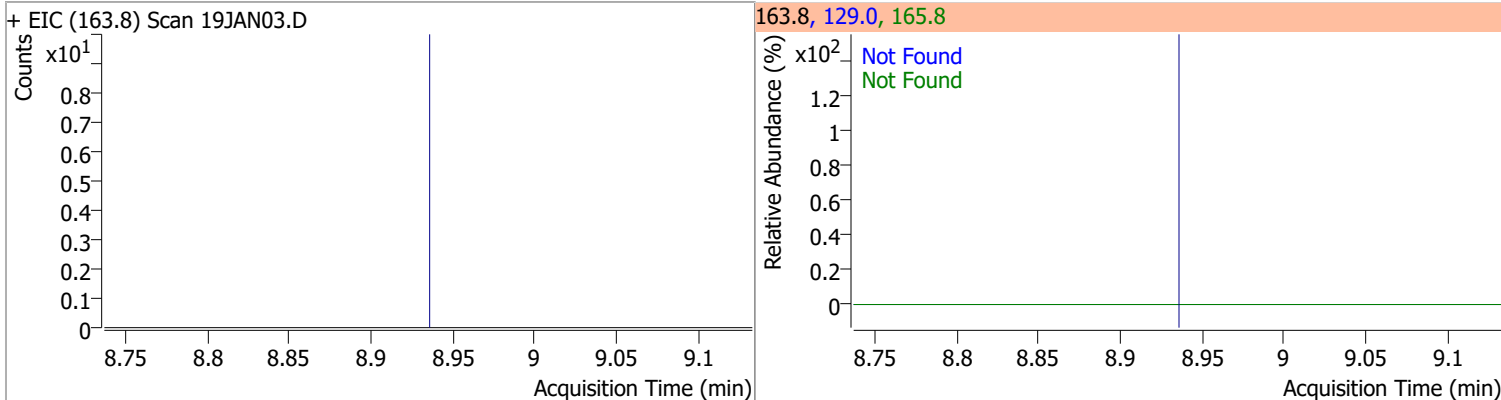


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

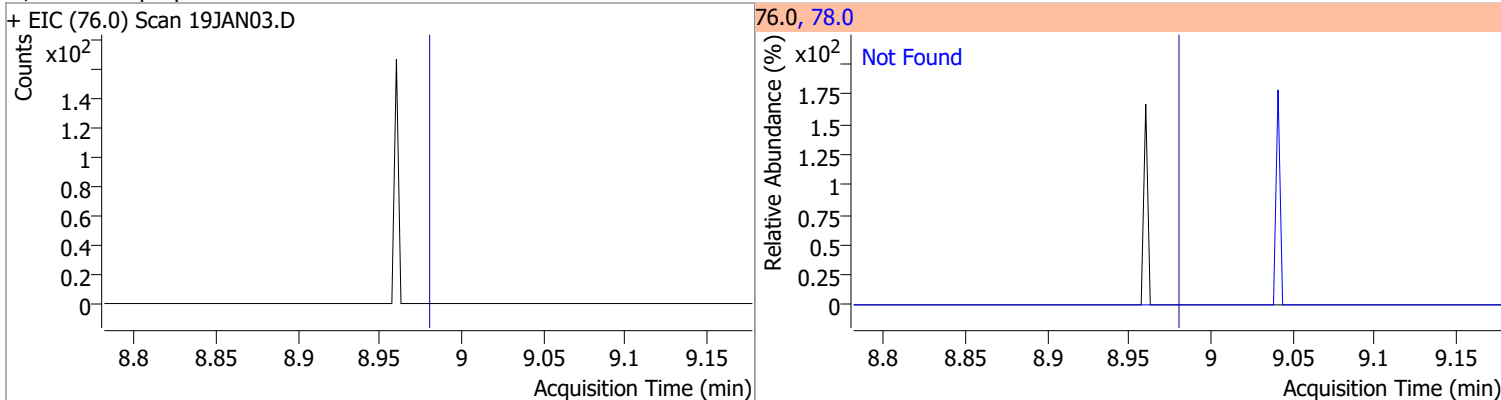


Quantitation Results Report (QT Reviewed)

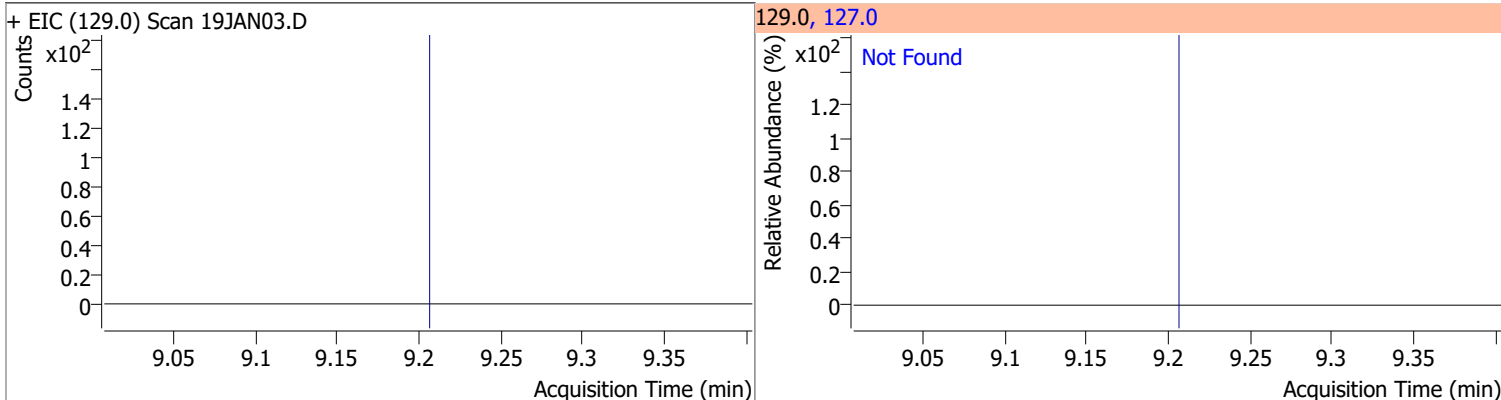
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |



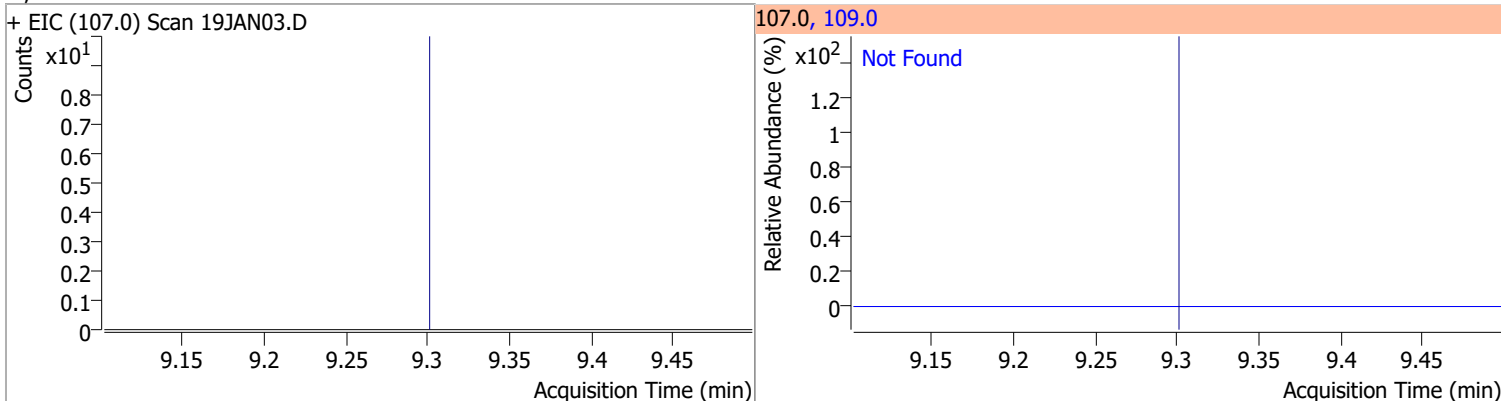
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 |



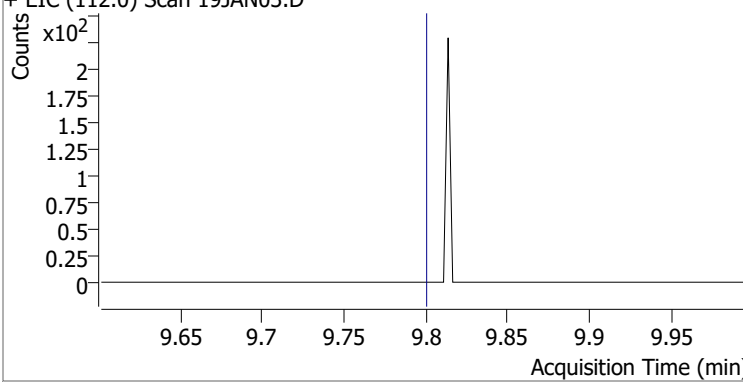
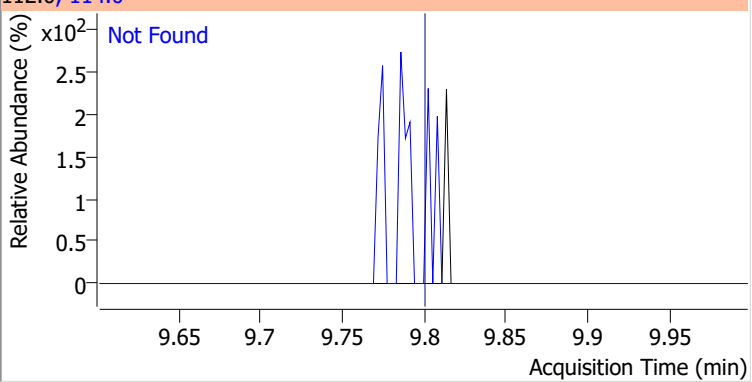
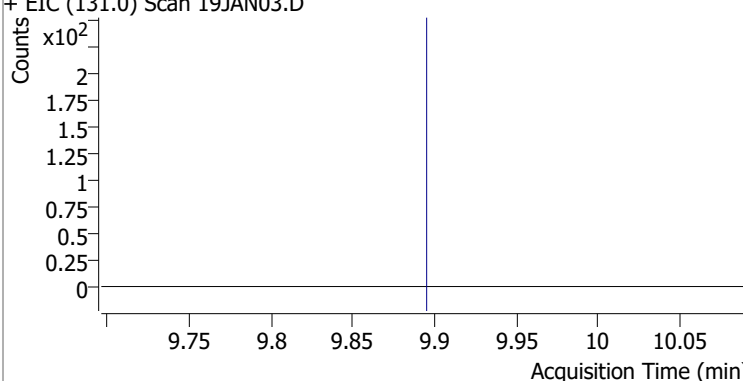
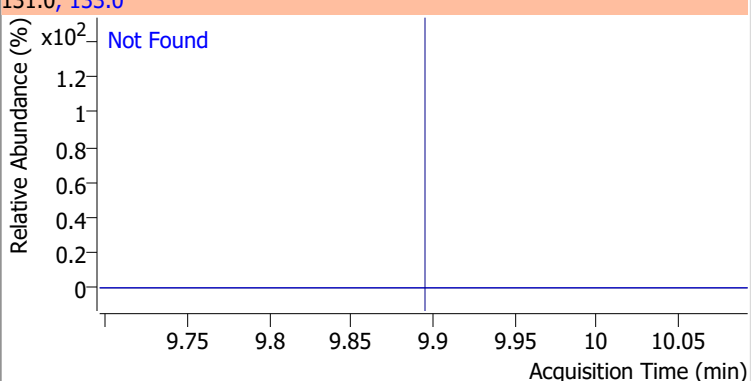
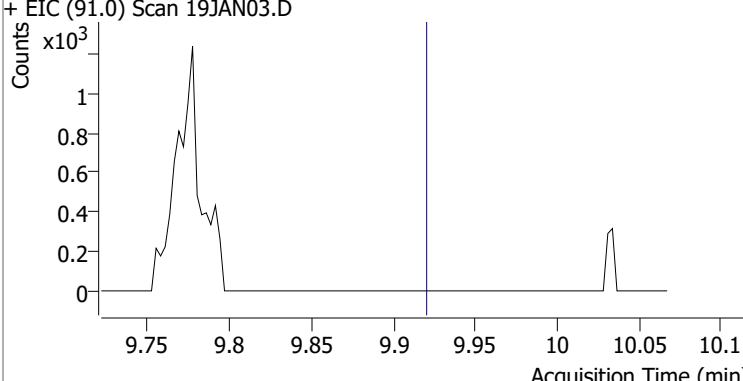
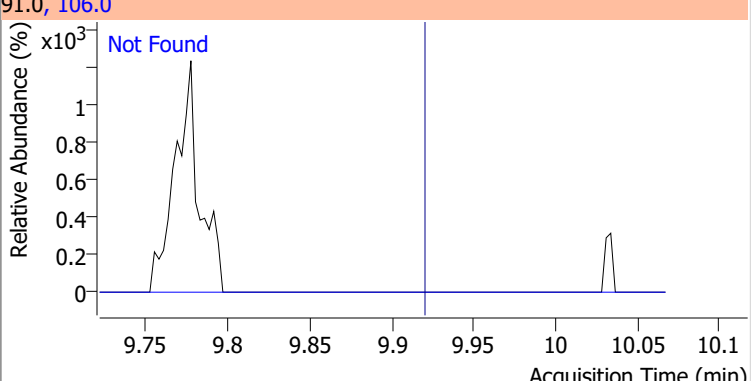
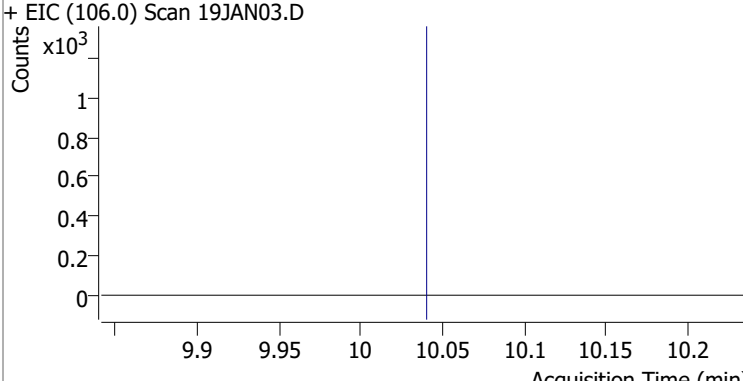
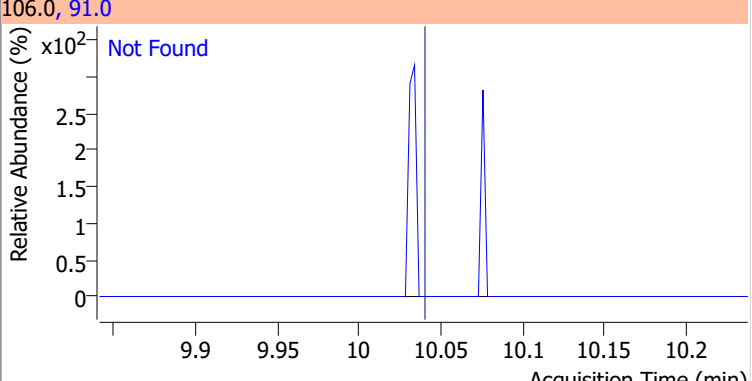
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 |



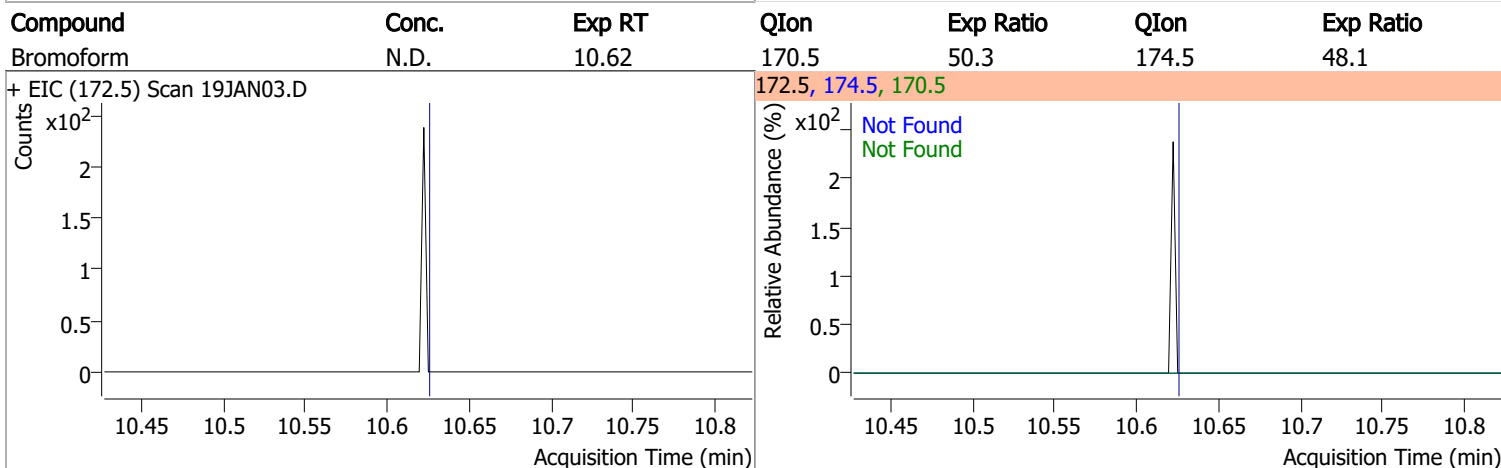
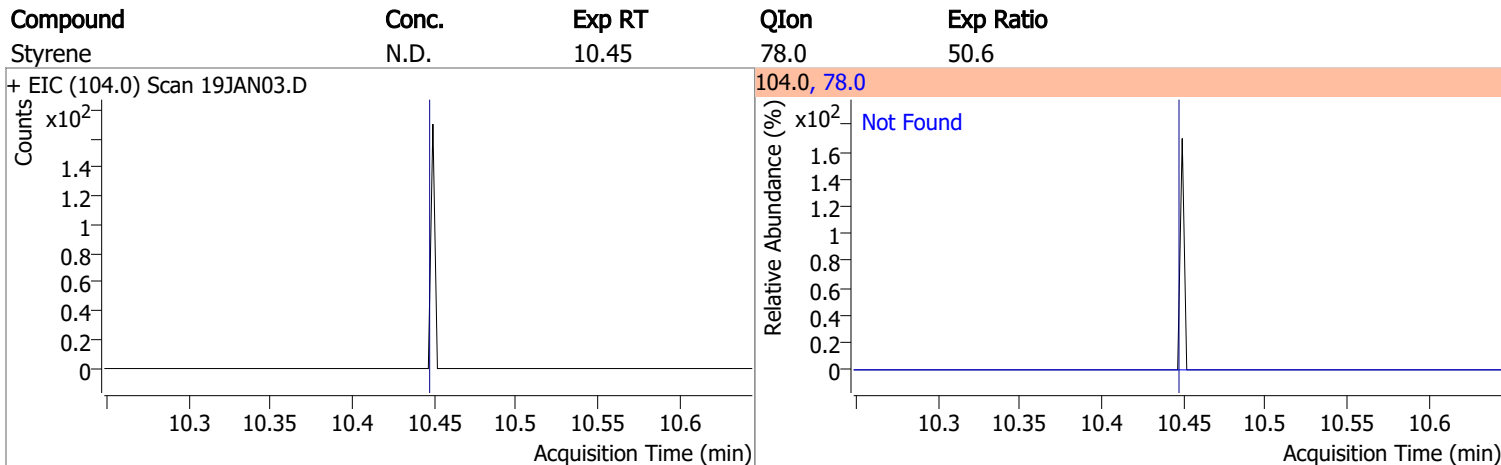
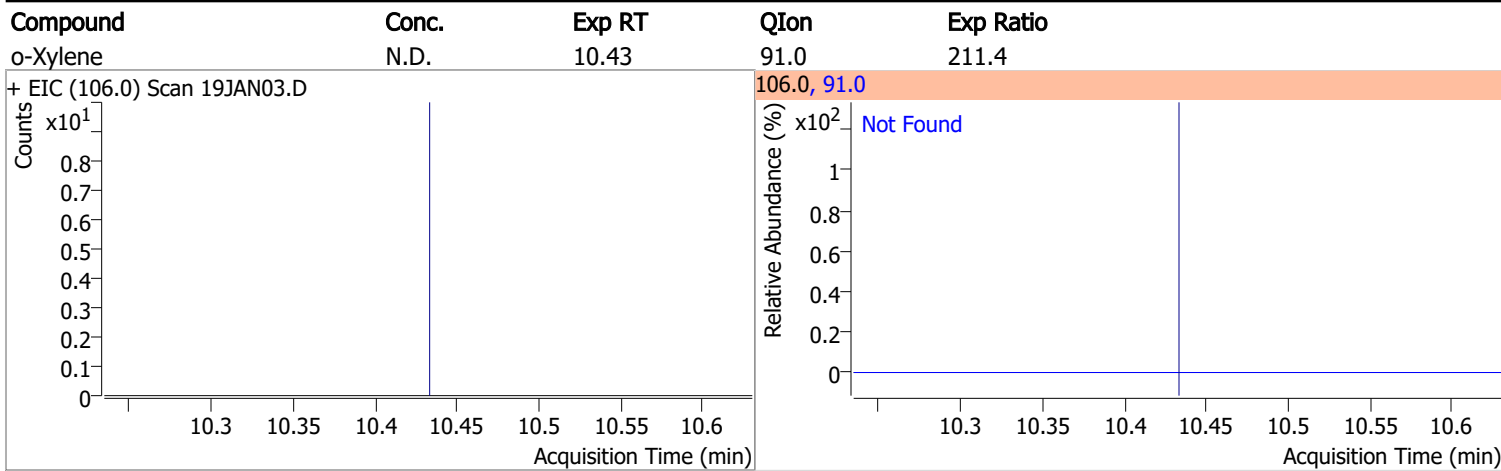
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 |



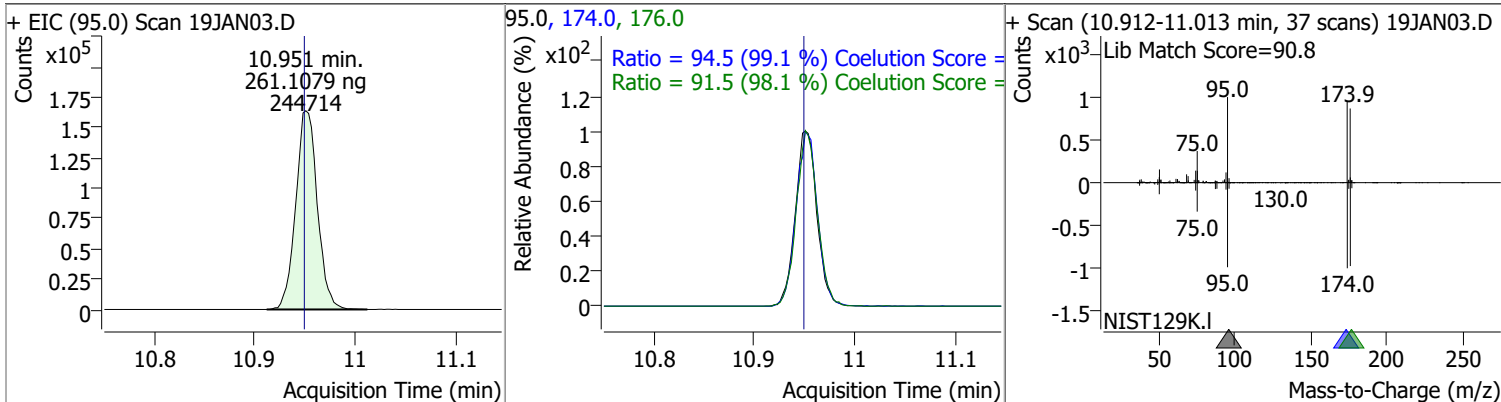
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|--|-----------|
| Chlorobenzene | N.D. | 9.80 | 114.0 | 32.2 |
| + EIC (112.0) Scan 19JAN03.D | | | 112.0, 114.0 | |
|  | | |  | |
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |
| + EIC (131.0) Scan 19JAN03.D | | | 131.0, 133.0 | |
|  | | |  | |
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |
| + EIC (91.0) Scan 19JAN03.D | | | 91.0, 106.0 | |
|  | | |  | |
| m+p-Xylenes | N.D. | 10.04 | 91.0 | 200.7 |
| + EIC (106.0) Scan 19JAN03.D | | | 106.0, 91.0 | |
|  | | |  | |

Quantitation Results Report (QT Reviewed)

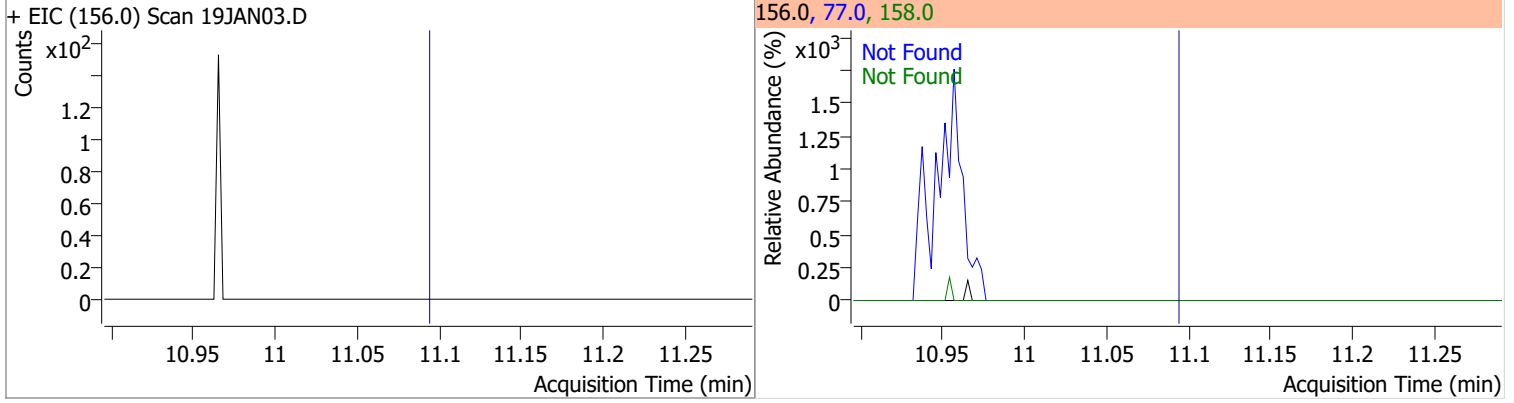


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 261.1079 | 10.95 | 0.00 | 244714 | 174.0 | 94.5 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.5 | 63.3 | 123.3 |

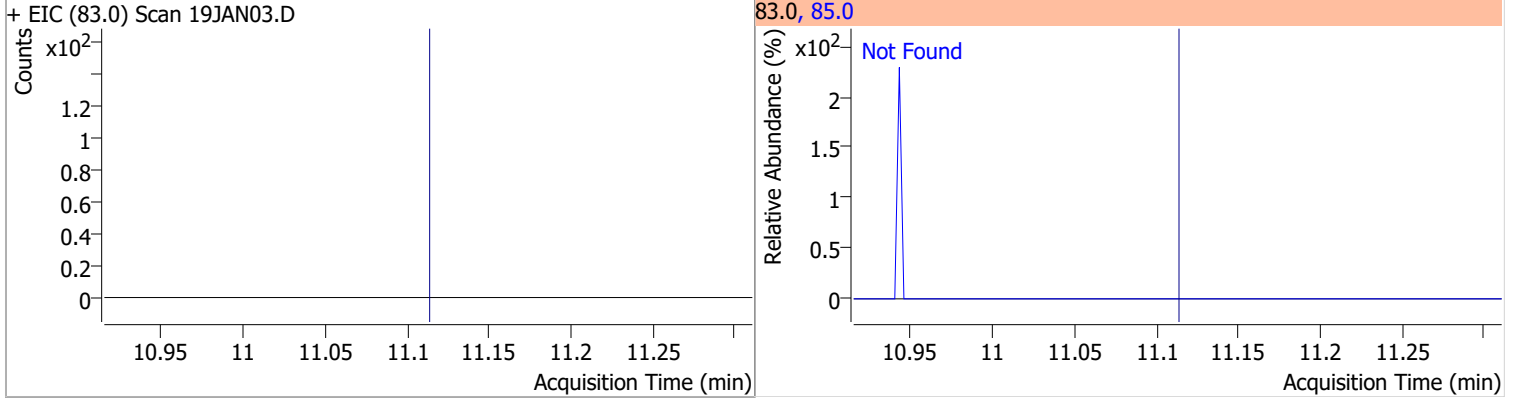


Quantitation Results Report (QT Reviewed)

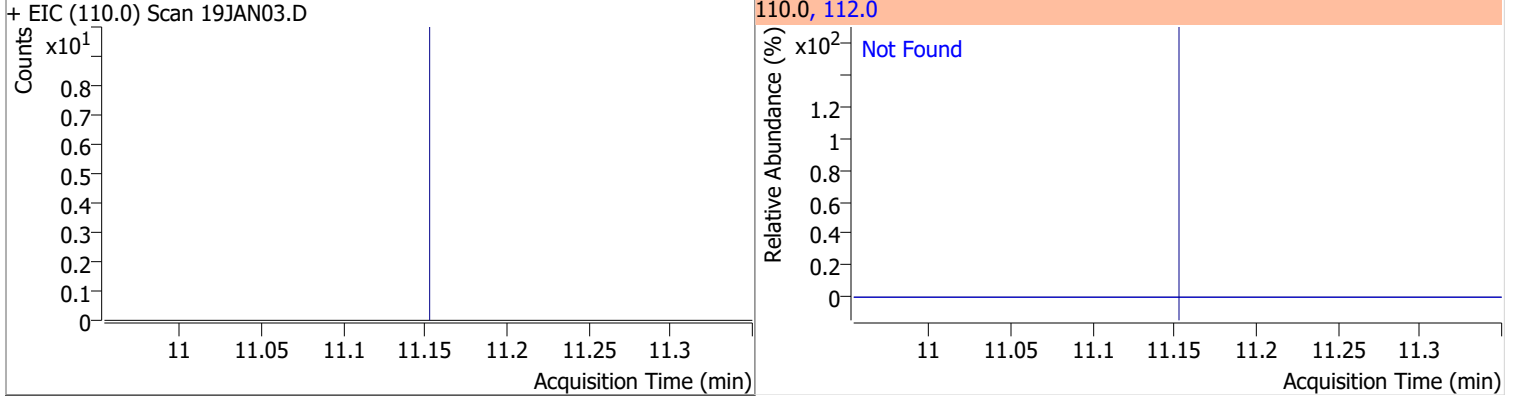
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |



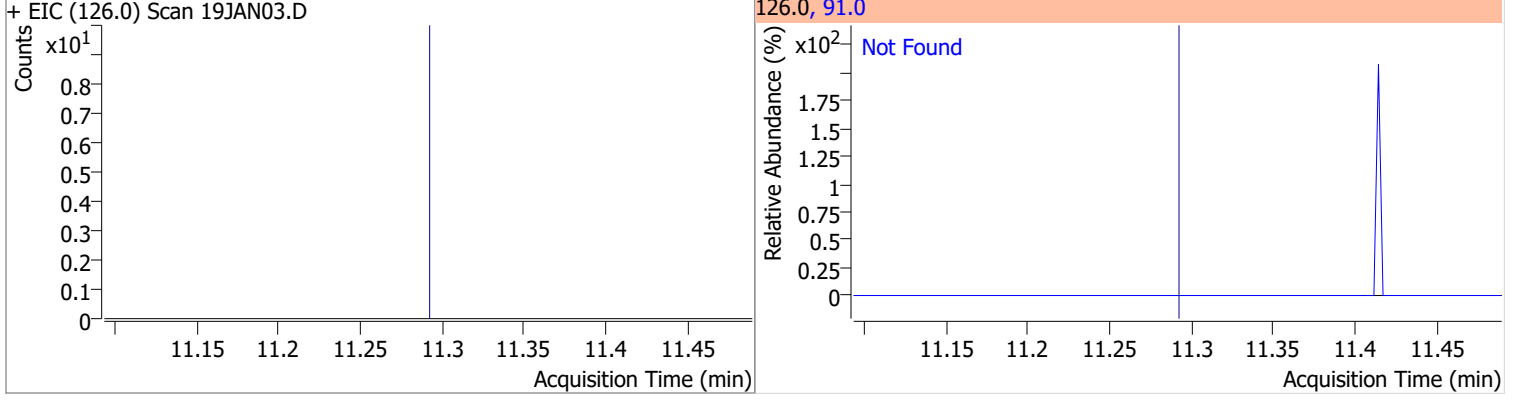
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 |



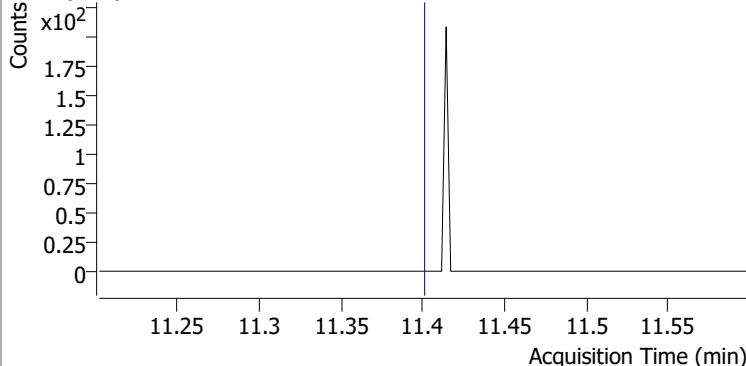
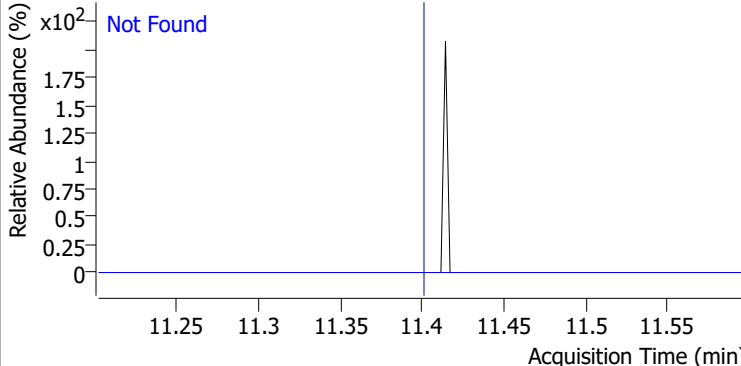
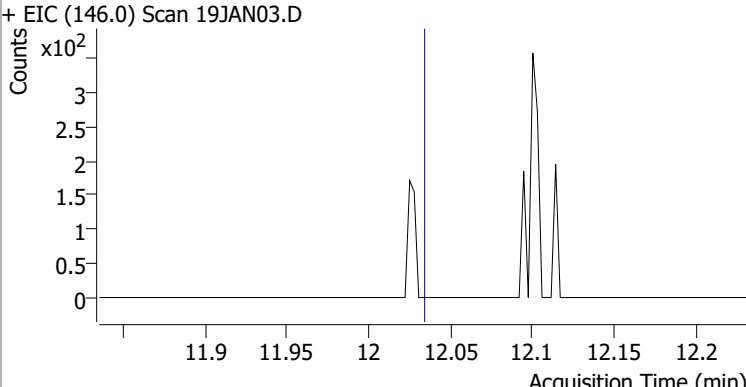
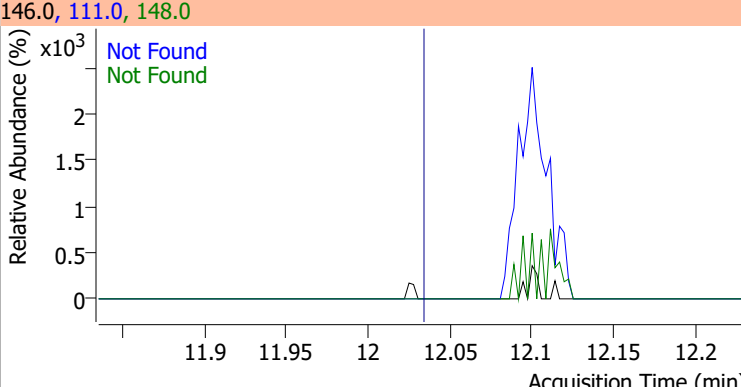
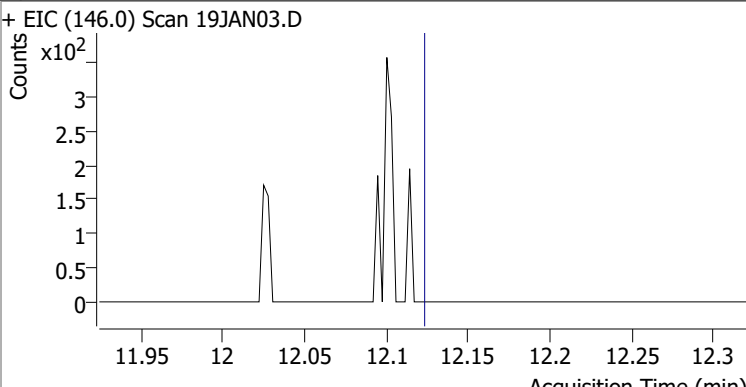
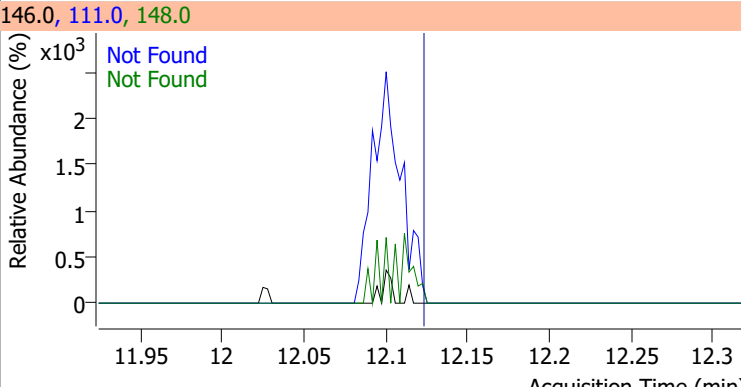
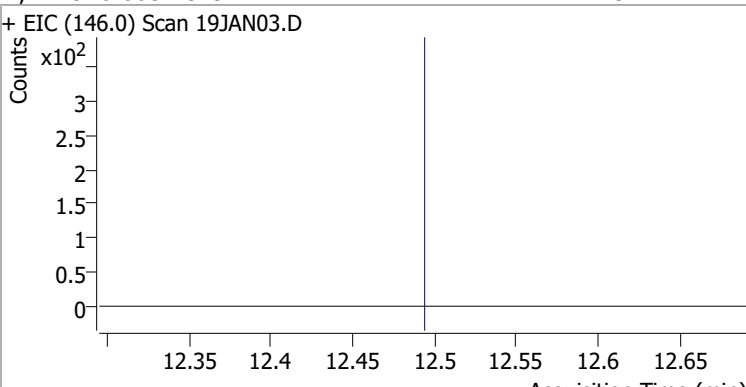
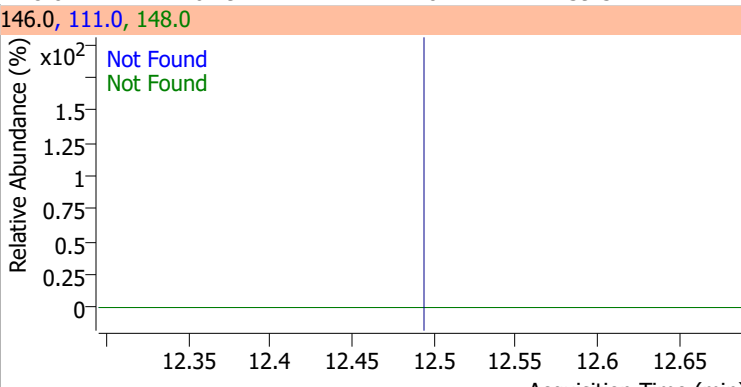
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-----------------|-------|--------|------|-----------|
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 |

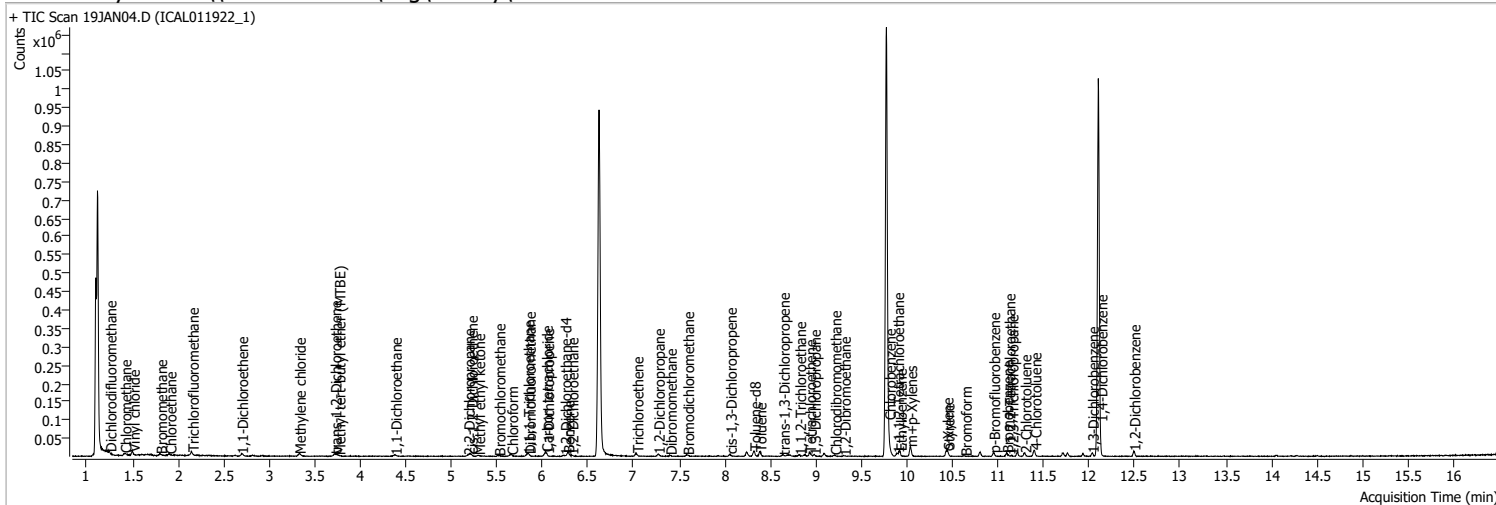


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|--|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 |
| + EIC (91.0) Scan 19JAN03.D | | | 91.0, 126.0 | |
|  | | |  | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 |
| + EIC (146.0) Scan 19JAN03.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 |
| + EIC (146.0) Scan 19JAN03.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 |
| + EIC (146.0) Scan 19JAN03.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN04.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 10:48:21 AM |
| Sample Name | ICAL011922_1 | Instrument | VOA5975C |
| Vial | 4 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



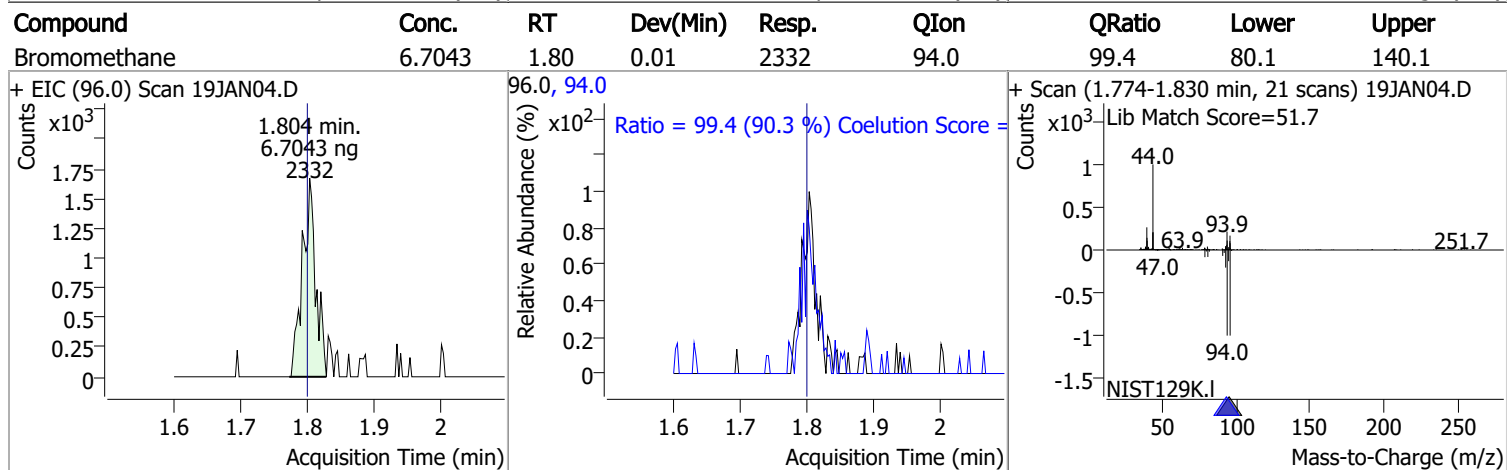
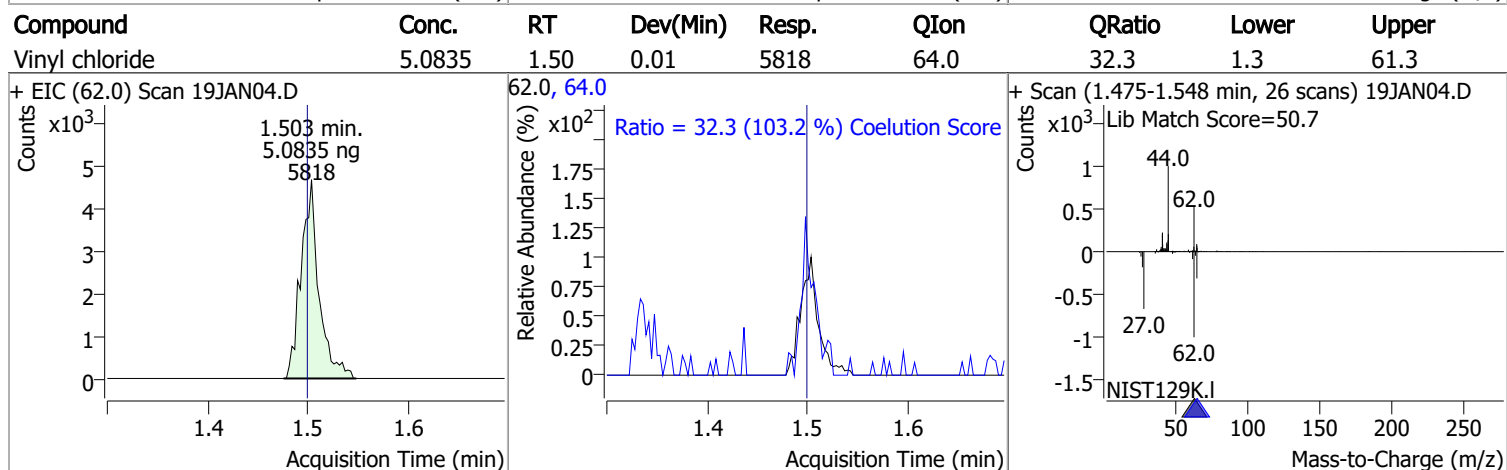
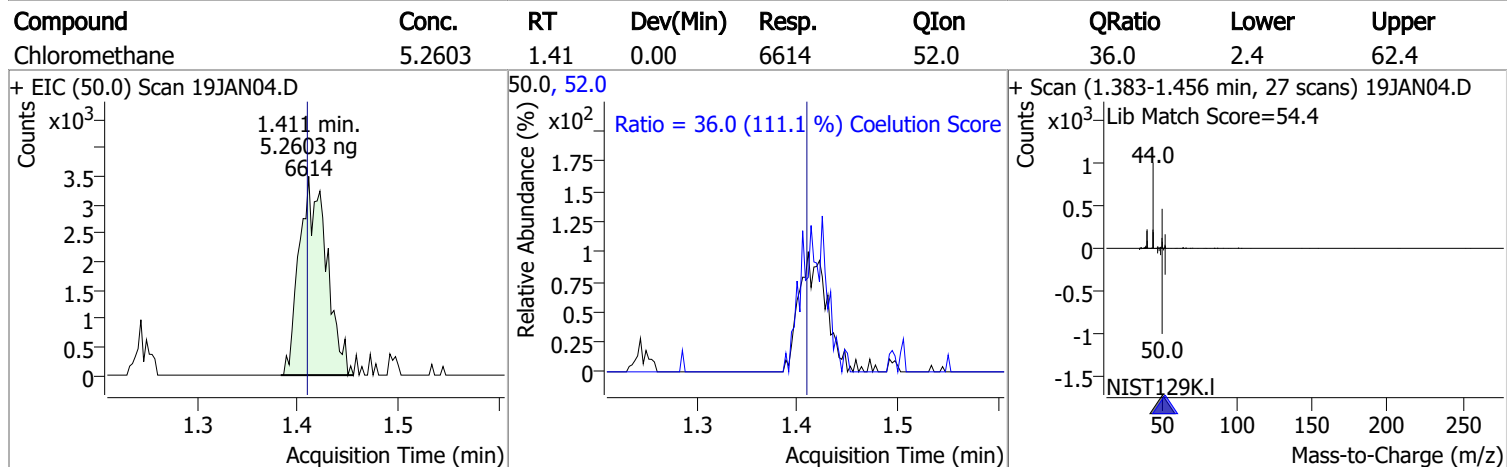
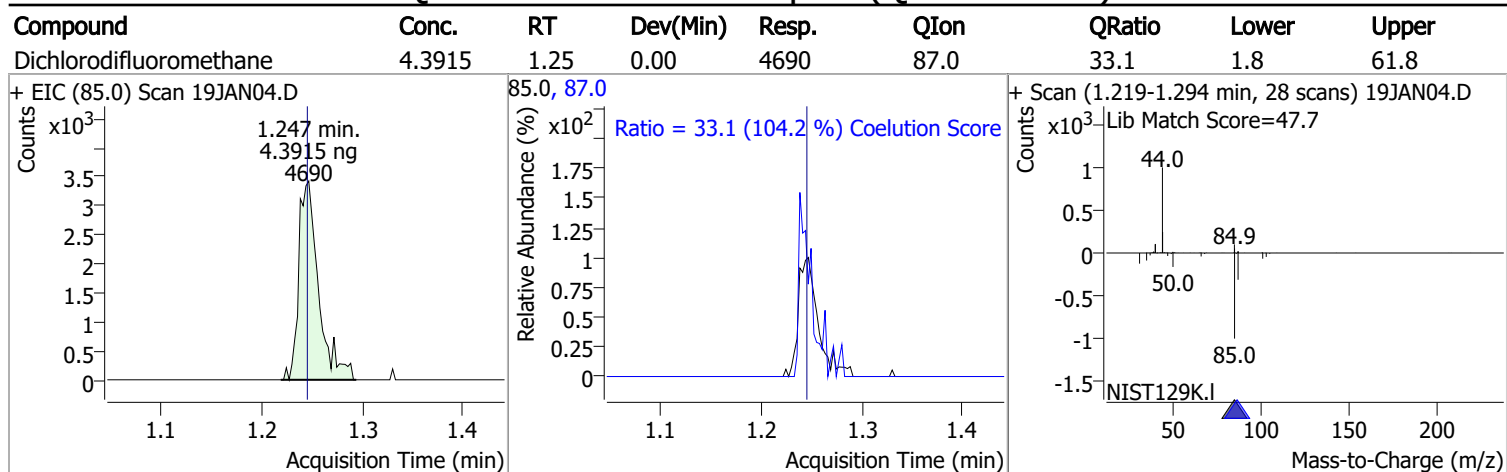
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 794248 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 316490 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 241587 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.851 | 113.0 | 2660 | 3.4579 | ng | m 0.000 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 1.38% | | * |
| S 1,2-Dichloroethane-d4 | 6.241 | 67.0 | 979 | 2.9446 | ng | m 0.011 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 1.18% | | * |
| S Toluene-d8 | 8.319 | 98.0 | 8454 | 2.7380 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 1.10% | | * |
| S p-Bromofluorobenzene | 10.946 | 95.0 | 3195 | 3.5819 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 1.43% | | * |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.247 | 85.0 | 4690 | 4.3915 | ng | 98 |
| T Chloromethane | 1.411 | 50.0 | 6614 | 5.2603 | ng | 94 |
| T Vinyl chloride | 1.503 | 62.0 | 5818 | 5.0835 | ng | 98 |
| T Bromomethane | 1.804 | 96.0 | 2332 | 6.7043 | ng | 90 |
| T Chloroethane | 1.905 | 64.0 | 2651 | 4.8967 | ng | m 90 |
| T Trichlorofluoromethane | 2.150 | 101.0 | 6220 | 4.5322 | ng | 99 |
| T 1,1-Dichloroethene | 2.694 | 96.0 | 2342 | 2.9328 | ng | 90 |
| T Methylene chloride | 3.327 | 49.0 | 4701 | 4.0490 | ng | 93 |
| T trans-1,2-Dichloroethene | 3.717 | 96.0 | 2132 | 2.5845 | ng | m 95 |
| T Methyl tert-butyl ether (MTBE) | 3.762 | 73.0 | 2662 | 2.5817 | ng | m 90 |
| T 1,1-Dichloroethane | 4.378 | 63.0 | 4131 | 2.6757 | ng | 87 |
| T 2,2-Dichloropropane | 5.181 | 77.0 | 3183 | 2.7359 | ng | m 88 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 2334 | 2.7941 | ng | m 92 |
| T Methyl ethyl ketone | 5.293 | 43.0 | 2962 | 24.5342 | ng | m 94 |
| T Bromochloromethane | 5.516 | 128.0 | 901 | 2.6151 | ng | #m 69 |
| T Chloroform | 5.656 | 83.0 | 4726 | 3.0658 | ng | 88 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----------|
| T 1,1,1-Trichloroethane | 5.834 | 97.0 | 3627 | 2.5502 | ng m | 99 |
| T Carbon tetrachloride | 6.035 | 117.0 | 3586 | 2.5993 | ng m | 92 |
| T 1,1-Dichloropropene | 6.052 | 75.0 | 2749 | 2.3833 | ng m | 87 |
| T Benzene | 6.275 | 78.0 | 8357 | 2.6339 | ng | 99 |
| T 1,2-Dichloroethane | 6.316 | 62.0 | 2542 | 2.9004 | ng m | 86 |
| T Trichloroethene | 7.030 | 95.0 | 2545 | 2.6860 | ng | 92 |
| T 1,2-Dichloropropane | 7.267 | 63.0 | 2351 | 2.8222 | ng | 83 |
| T Dibromomethane | 7.398 | 93.0 | 1166 | 3.3195 | ng #m | 69 |
| T Bromodichloromethane | 7.588 | 83.0 | 2606 | 2.6393 | ng | 88 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 3052 | 2.8168 | ng | 81 |
| T Toluene | 8.380 | 92.0 | 5454 | 2.6500 | ng | 88 |
| T trans-1,3-Dichloropropene | 8.639 | 75.0 | 2153 | 2.7242 | ng | 84 |
| T 1,1,2-Trichloroethane | 8.818 | 83.0 | 1045 | 2.6009 | ng m | 82 |
| T Tetrachloroethene | 8.927 | 163.8 | 2190 | 2.6241 | ng | 96 |
| T 1,3-Dichloropropane | 8.977 | 76.0 | 2260 | 2.7790 | ng | 90 |
| T Chlorodibromomethane | 9.205 | 129.0 | 2004 | 3.0962 | ng m | 82 |
| T 1,2-Dibromoethane | 9.309 | 107.0 | 1089 | 2.4525 | ng m | 91 |
| T Chlorobenzene | 9.799 | 112.0 | 6152 | 2.7267 | ng | 83 |
| T 1,1,1,2-Tetrachloroethane | 9.891 | 131.0 | 2284 | 2.8847 | ng m | 93 |
| T Ethylbenzene | 9.922 | 91.0 | 8834 | 2.9089 | ng | 95 |
| T m+p-Xylenes | 10.036 | 106.0 | 6744 | 6.1738 | ng | 95 |
| T o-Xylene | 10.432 | 106.0 | 2826 | 3.0886 | ng | 88 |
| T Styrene | 10.444 | 104.0 | 4834 | 3.1839 | ng | 98 |
| T Bromoform | 10.633 | 172.5 | 928 | 2.8662 | ng m | 68 |
| T Bromobenzene | 11.093 | 156.0 | 2095 | 2.6633 | ng | 97 |
| T 1,1,2,2-Tetrachloroethane | 11.116 | 83.0 | 1247 | 2.7802 | ng m | 90 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 358 | 3.0373 | ng m | 70 |
| T 2-Chlorotoluene | 11.289 | 126.0 | 2035 | 2.6139 | ng | 86 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 5544 | 2.1986 | ng | 94 |
| T 1,3-Dichlorobenzene | 12.030 | 146.0 | 3715 | 2.6066 | ng | 94 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 3952 | 2.7200 | ng | 74 |
| T 1,2-Dichlorobenzene | 12.488 | 146.0 | 3048 | 2.5616 | ng | 94 |

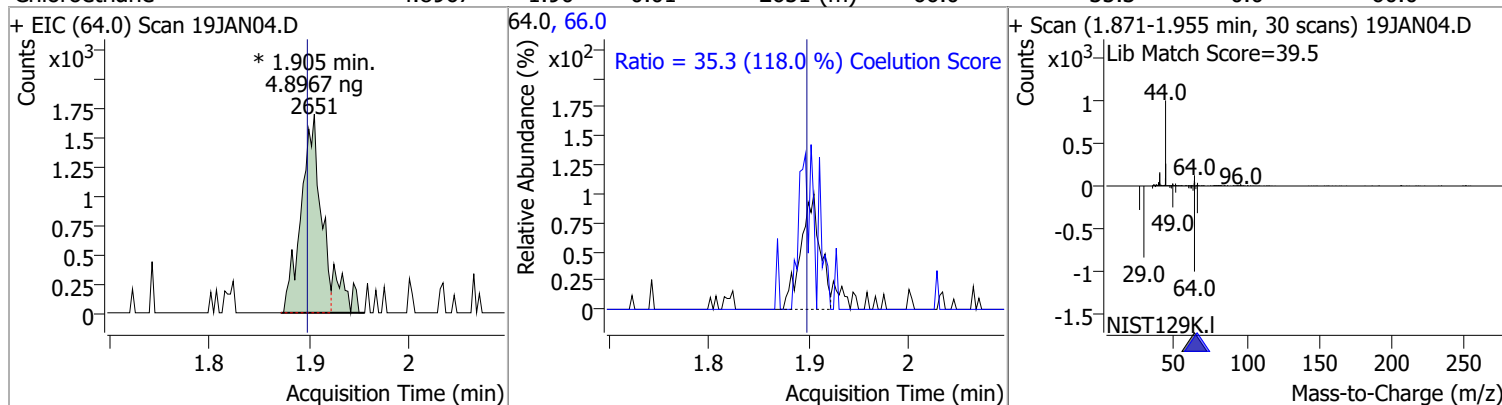
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

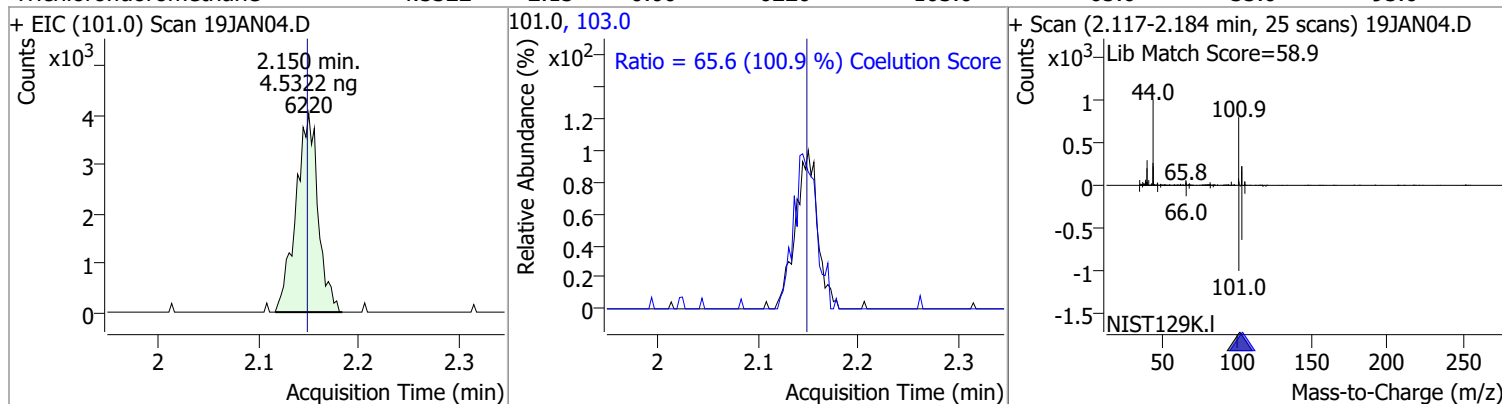


Quantitation Results Report (QT Reviewed)

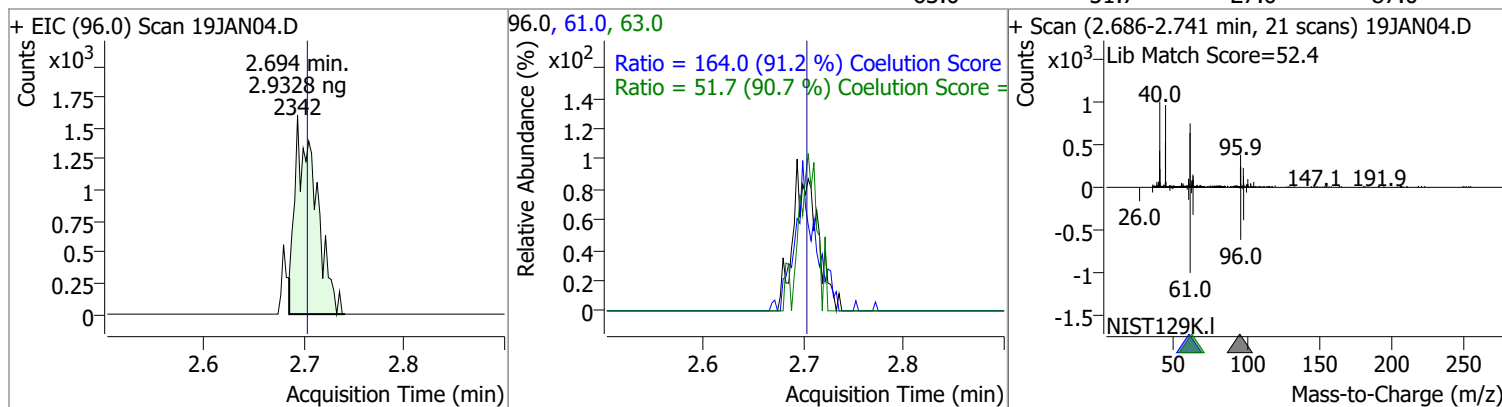
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|--------|------|----------|----------|------|--------|-------|-------|
| Chloroethane | 4.8967 | 1.90 | 0.01 | 2651 (m) | 66.0 | 35.3 | 0.0 | 60.0 |



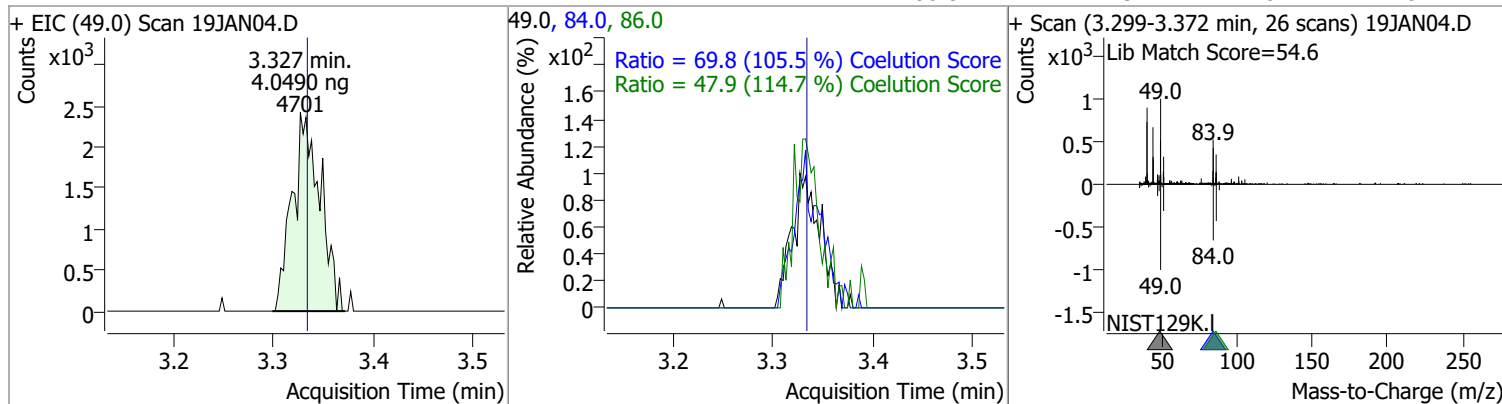
| | | | | | | | | |
|------------------------|--------|------|------|------|-------|------|------|------|
| Trichlorofluoromethane | 4.5322 | 2.15 | 0.00 | 6220 | 103.0 | 65.6 | 35.0 | 95.0 |
|------------------------|--------|------|------|------|-------|------|------|------|



| | | | | | | | | |
|--------------------|--------|------|-------|------|------|-------|-------|-------|
| 1,1-Dichloroethene | 2.9328 | 2.69 | -0.01 | 2342 | 61.0 | 164.0 | 149.9 | 209.9 |
| | | | | | 63.0 | 51.7 | 27.0 | 87.0 |

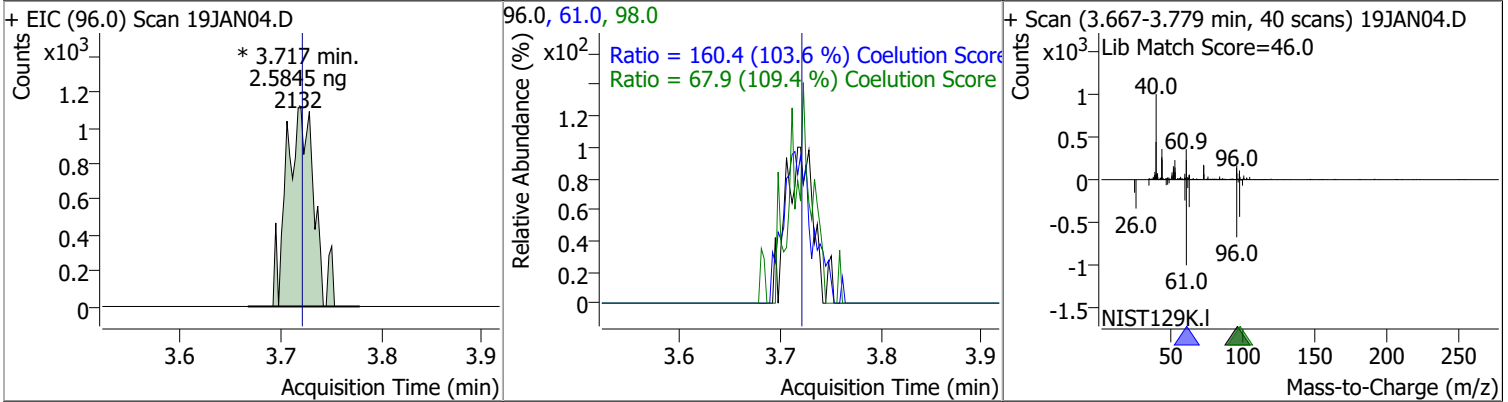


| | | | | | | | | |
|--------------------|--------|------|-------|------|------|------|------|------|
| Methylene chloride | 4.0490 | 3.33 | -0.01 | 4701 | 84.0 | 69.8 | 36.1 | 96.1 |
| | | | | | 86.0 | 47.9 | 11.8 | 71.8 |

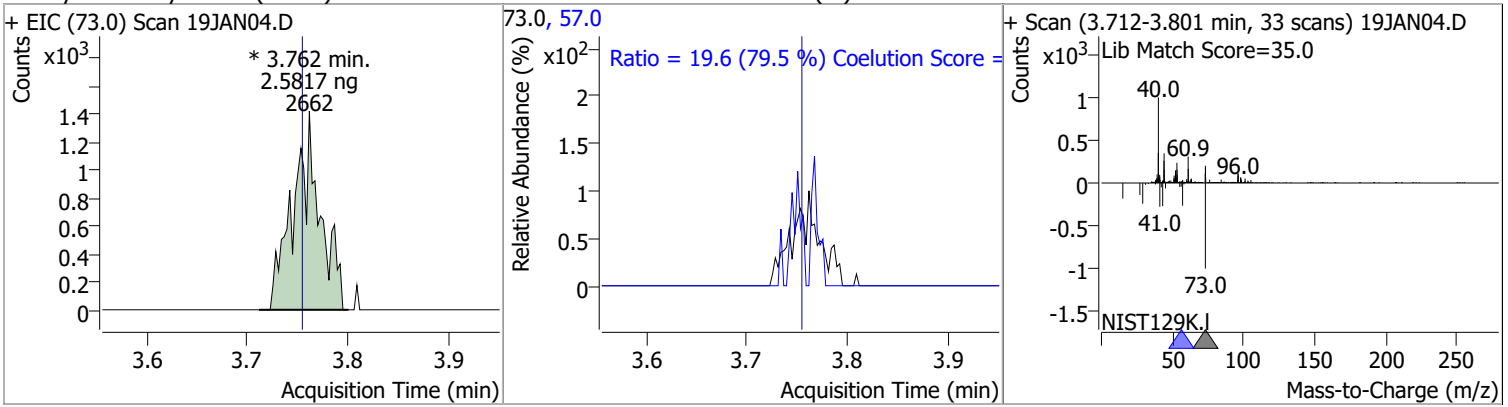


Quantitation Results Report (QT Reviewed)

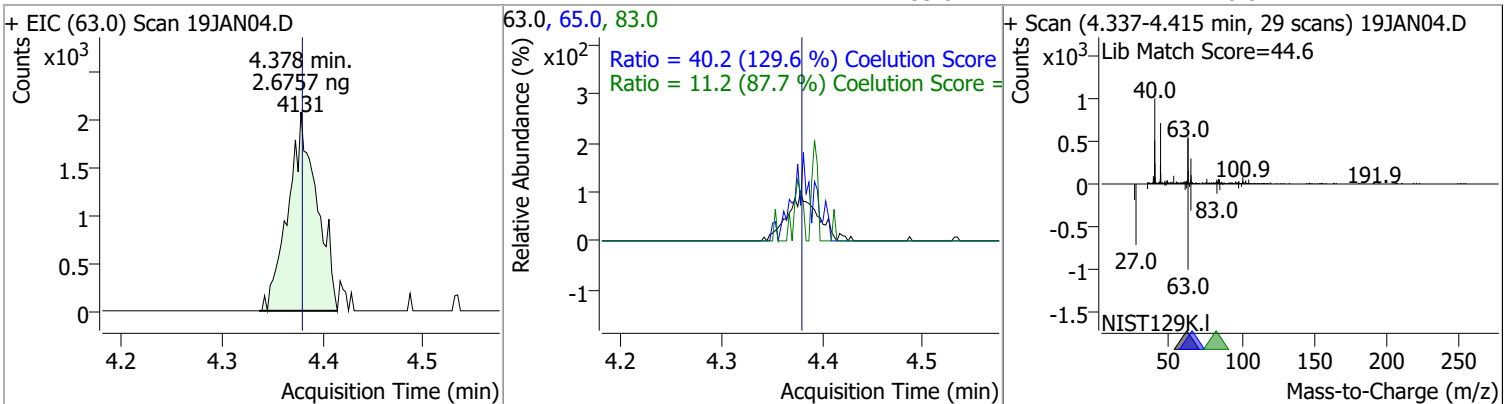
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|--------|------|----------|----------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 2.5845 | 3.72 | 0.00 | 2132 (m) | 61.0 | 160.4 | 124.8 | 184.8 |
| | | | | | 98.0 | 67.9 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 2.5817 | 3.76 | 0.01 | 2662 (m) | 57.0 | 19.6 | 0.0 | 54.6 |
| | | | | | 73.0 | 19.6 | 0.0 | 54.6 |

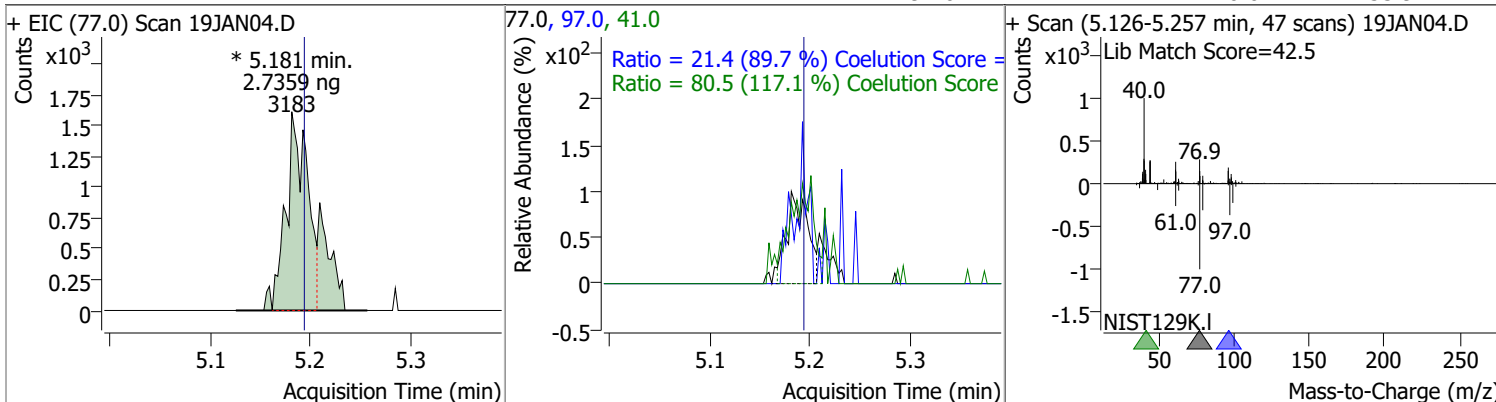


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|-------|------|--------|-------|-------|
| 1,1-Dichloroethane | 2.6757 | 4.38 | 0.00 | 4131 | 65.0 | 40.2 | 1.0 | 61.0 |
| | | | | | 83.0 | 11.2 | 0.0 | 42.7 |

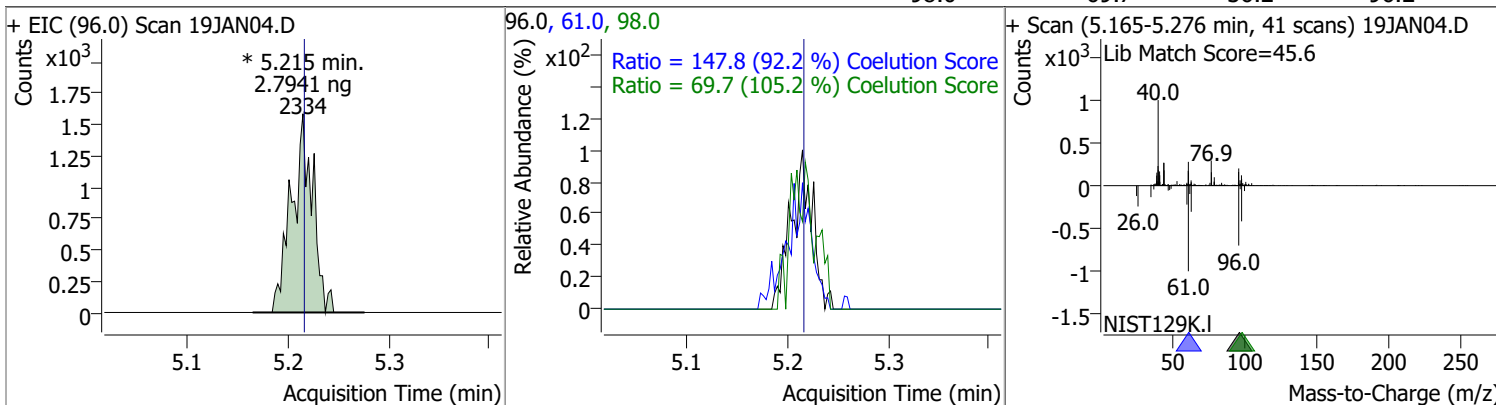


Quantitation Results Report (QT Reviewed)

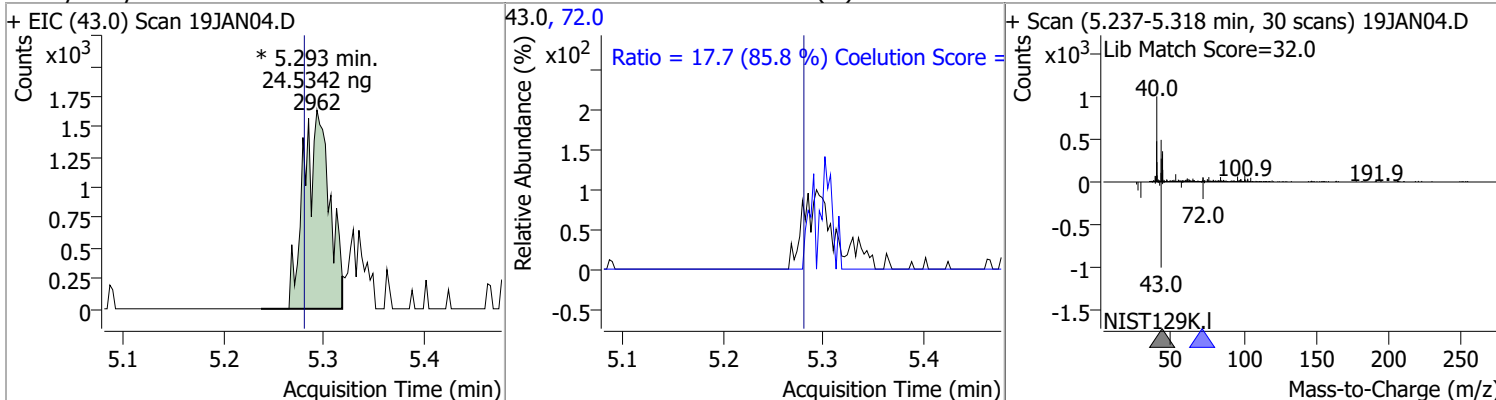
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|--------|------|----------|----------|------|--------|-------|-------|
| 2,2-Dichloropropane | 2.7359 | 5.18 | -0.01 | 3183 (m) | 41.0 | 80.5 | 38.8 | 98.8 |
| | | | | | 97.0 | 21.4 | 0.0 | 53.9 |



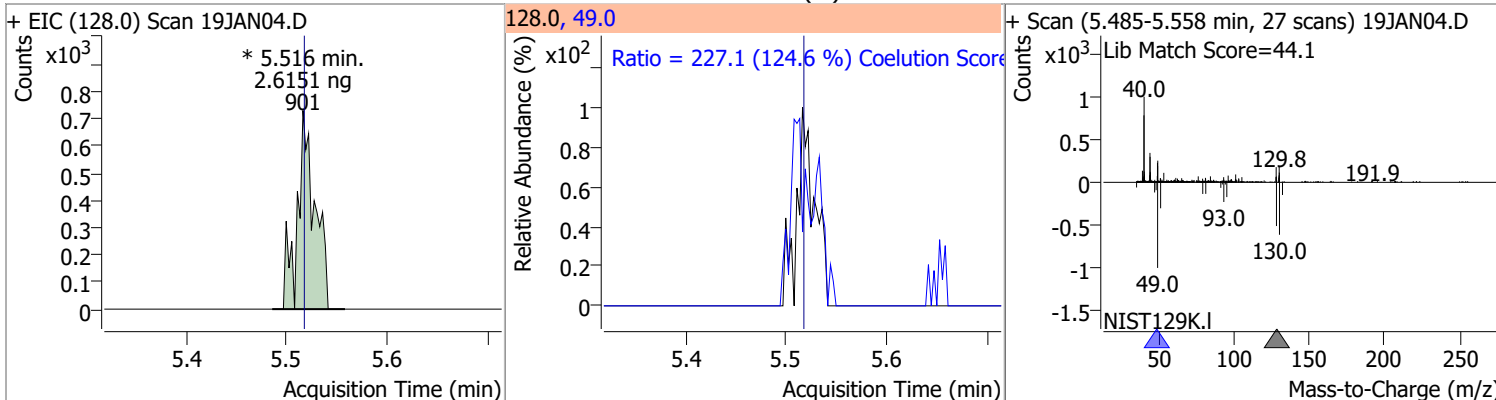
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|--------|------|----------|----------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 2.7941 | 5.21 | 0.00 | 2334 (m) | 61.0 | 147.8 | 130.4 | 190.4 |
| | | | | | 98.0 | 69.7 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|----------|------|--------|-------|-------|
| Methyl ethyl ketone | 24.5342 | 5.29 | 0.01 | 2962 (m) | 72.0 | 17.7 | 0.0 | 50.6 |

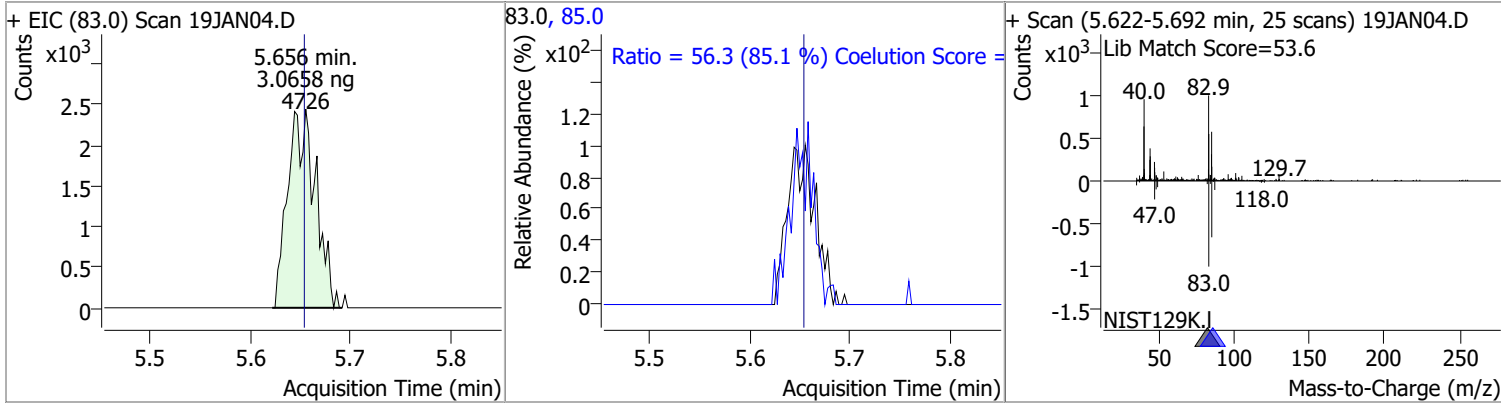


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|---------|------|--------|-------|-------|
| Bromochloromethane | 2.6151 | 5.52 | 0.00 | 901 (m) | 49.0 | 227.1 | 152.2 | 212.2 |

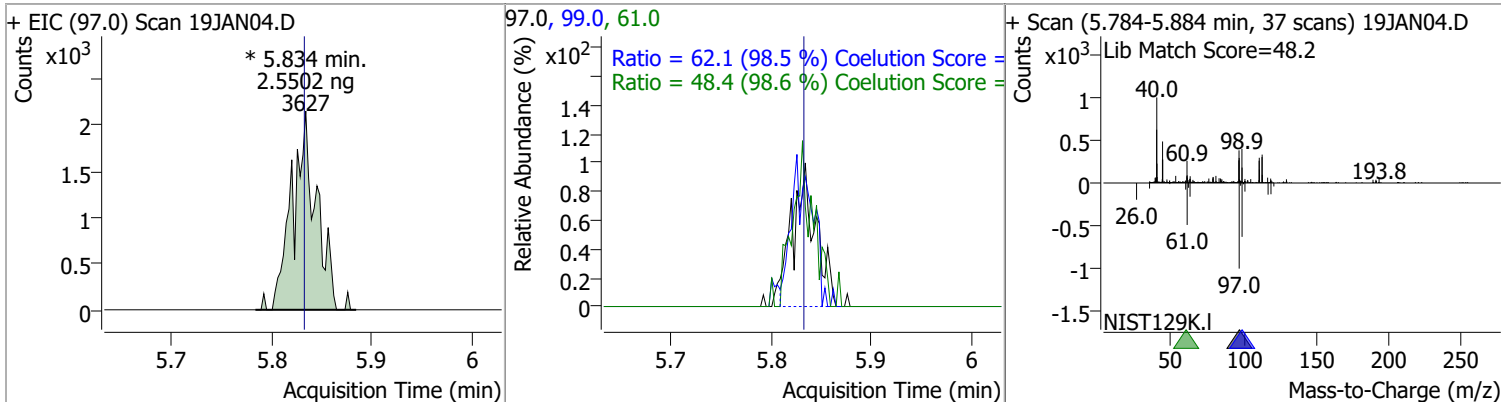


Quantitation Results Report (QT Reviewed)

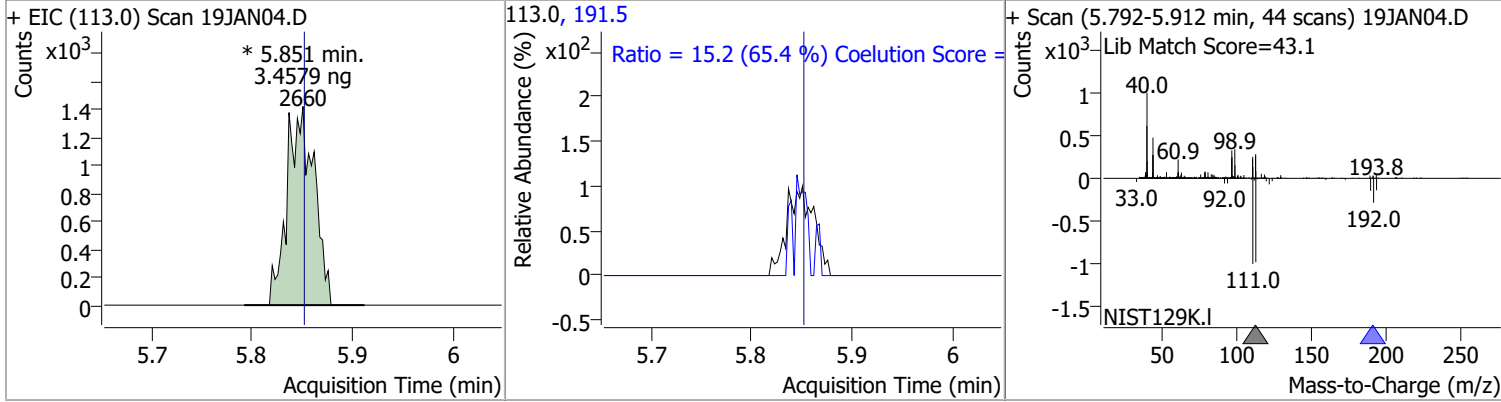
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|-------|------|--------|-------|-------|
| Chloroform | 3.0658 | 5.66 | 0.00 | 4726 | 85.0 | 56.3 | 36.2 | 96.2 |



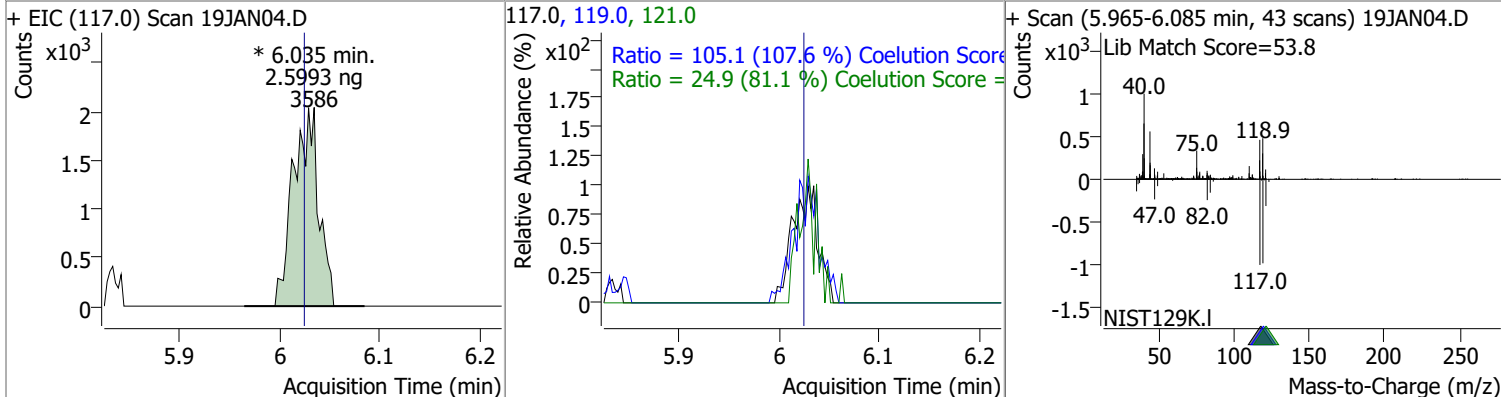
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|--------|------|----------|----------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 2.5502 | 5.83 | 0.00 | 3627 (m) | 99.0 | 62.1 | 33.1 | 93.1 |
| | | | | | 61.0 | 48.4 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|--------|------|----------|----------|-------|--------|-------|-------|
| Dibromofluoromethane | 3.4579 | 5.85 | 0.00 | 2660 (m) | 191.5 | 15.2 | 0.0 | 53.2 |

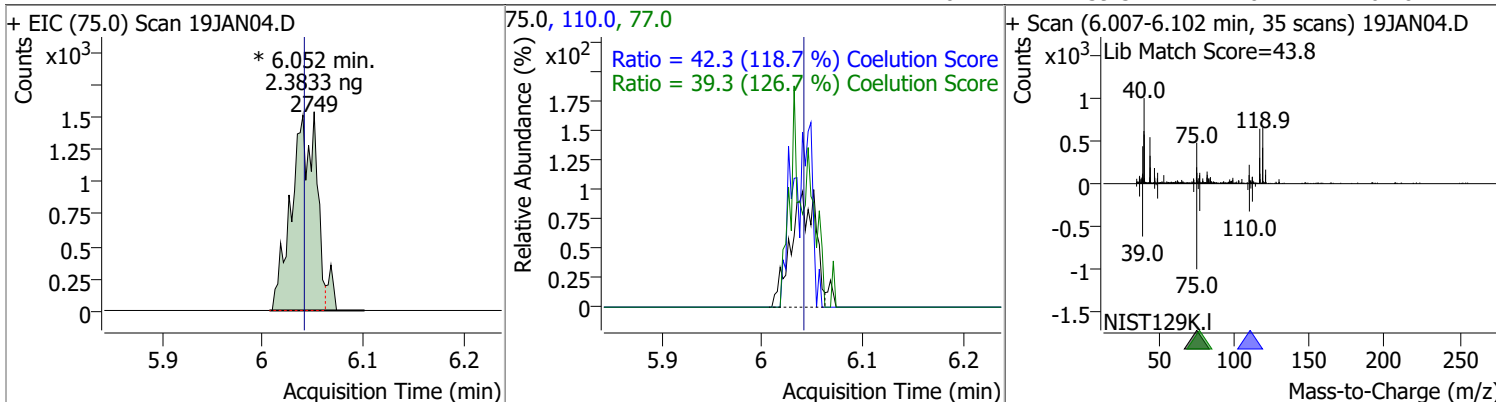


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|--------|------|----------|----------|-------|--------|-------|-------|
| Carbon tetrachloride | 2.5993 | 6.03 | 0.01 | 3586 (m) | 119.0 | 105.1 | 67.6 | 127.6 |
| | | | | | 121.0 | 24.9 | 0.7 | 60.7 |

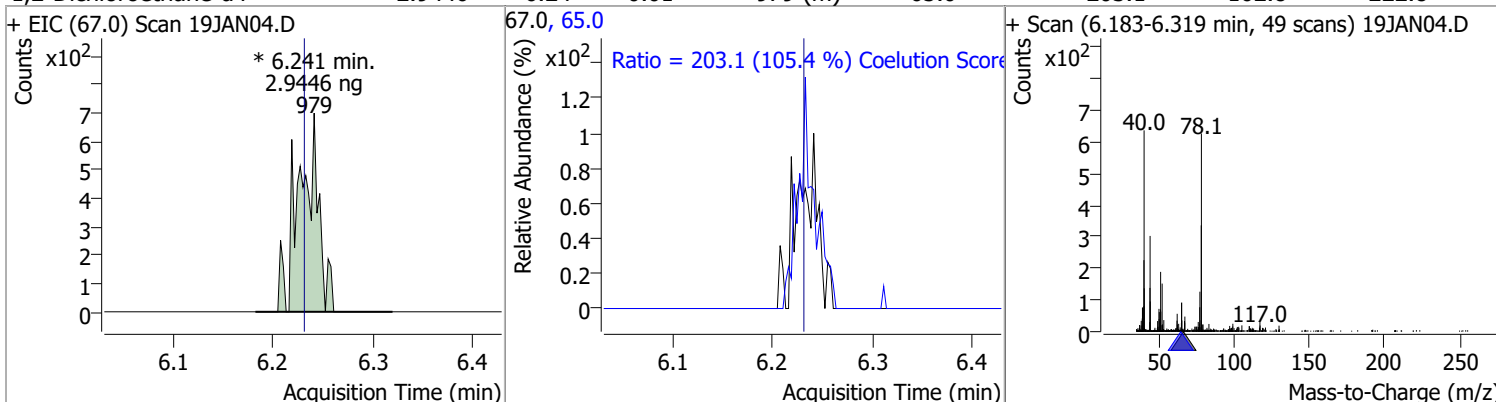


Quantitation Results Report (QT Reviewed)

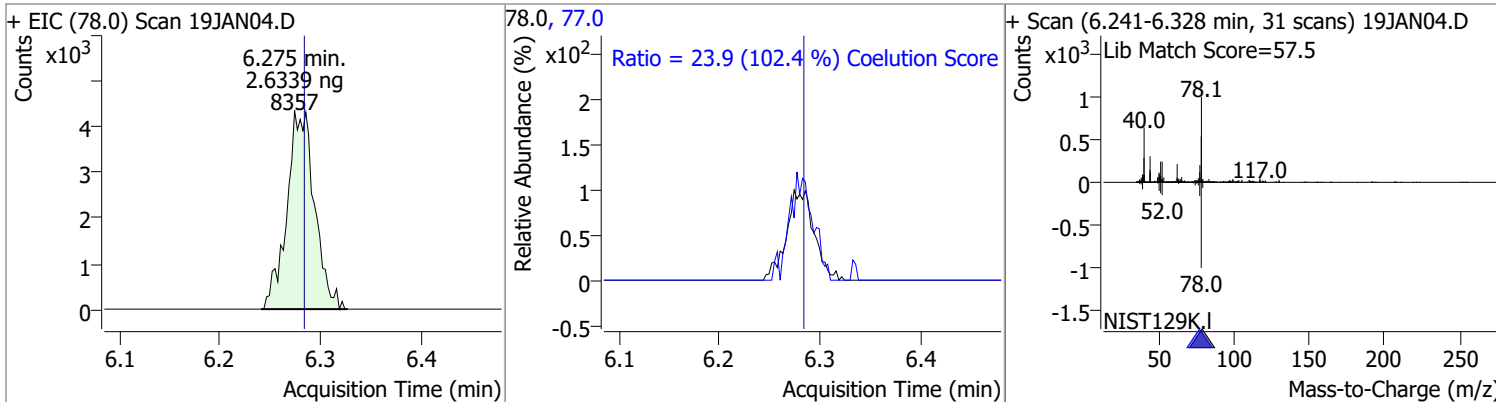
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|--------|------|----------|----------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 2.3833 | 6.05 | 0.01 | 2749 (m) | 110.0 | 42.3 | 5.6 | 65.6 |
| | | | | | 77.0 | 39.3 | 1.0 | 61.0 |



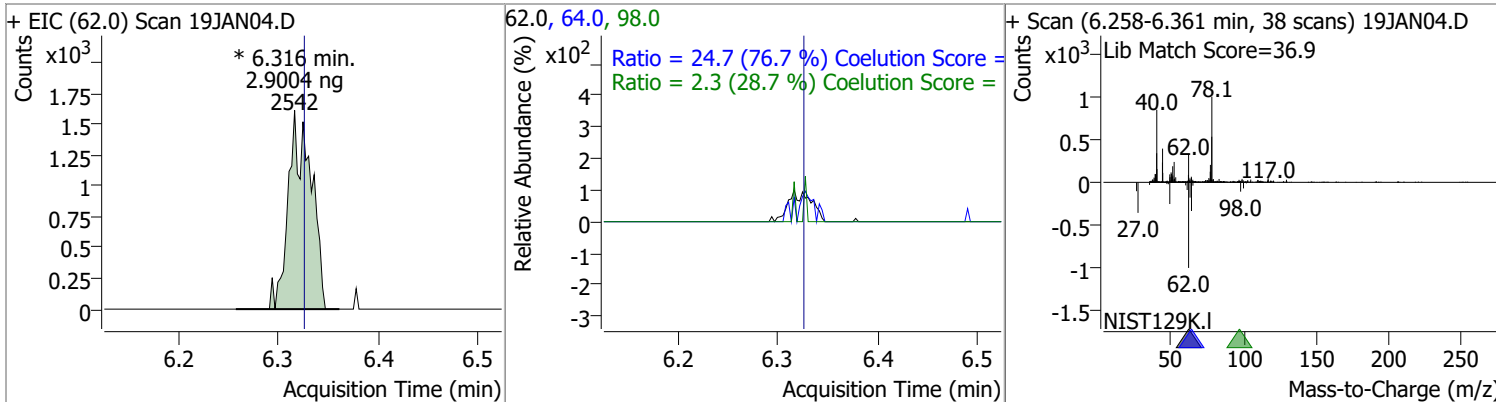
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|--------|------|----------|---------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 2.9446 | 6.24 | 0.01 | 979 (m) | 65.0 | 203.1 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|----------|------|--------|-------|-------|
| Benzene | 2.6339 | 6.27 | -0.01 | 8357 (m) | 77.0 | 23.9 | 0.0 | 53.3 |

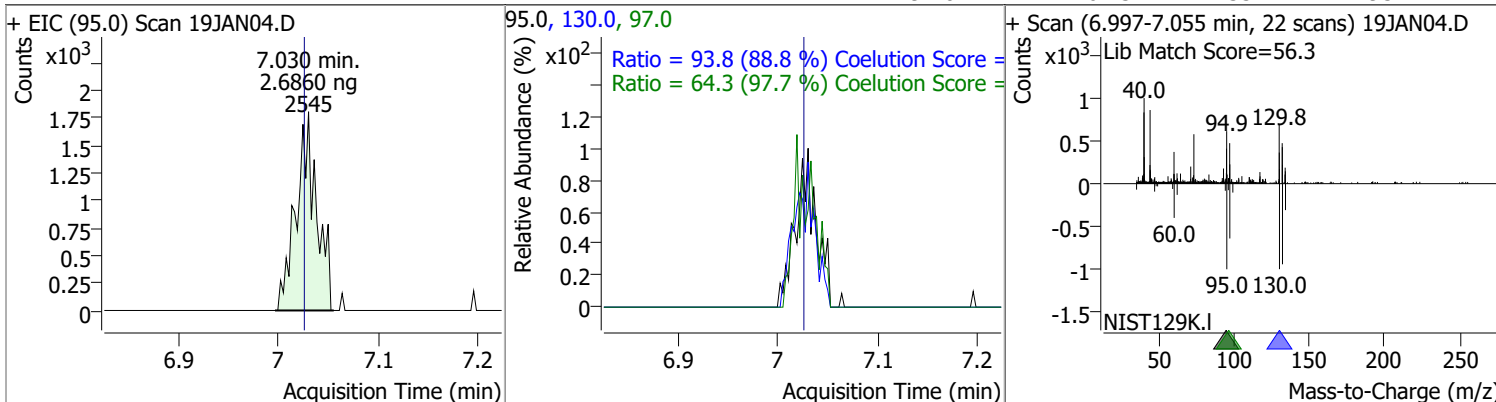


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| 1,2-Dichloroethane | 2.9004 | 6.32 | -0.01 | 2542 (m) | 64.0 | 24.7 | 2.2 | 62.2 |
| | | | | | 98.0 | 2.3 | 0.0 | 38.2 |

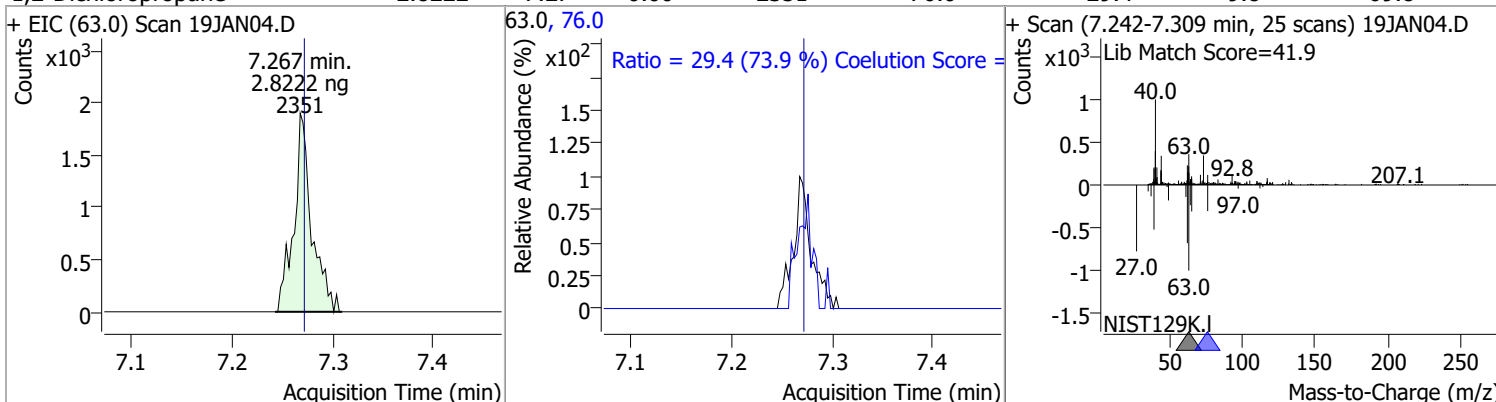


Quantitation Results Report (QT Reviewed)

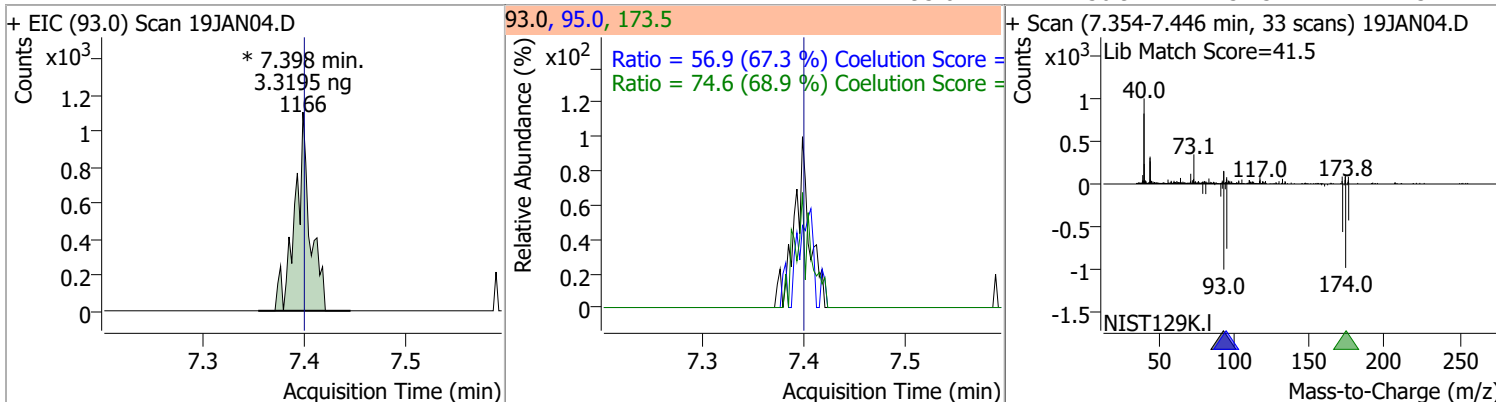
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|--------|------|----------|-------|---------------|--------------|--------------|---------------|
| Trichloroethene | 2.6860 | 7.03 | 0.01 | 2545 | 130.0 97.0 | 93.8 64.3 | 75.6 35.7 | 135.6 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|--------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloropropane | 2.8222 | 7.27 | 0.00 | 2351 | 76.0 | 29.4 | 9.8 | 69.8 |

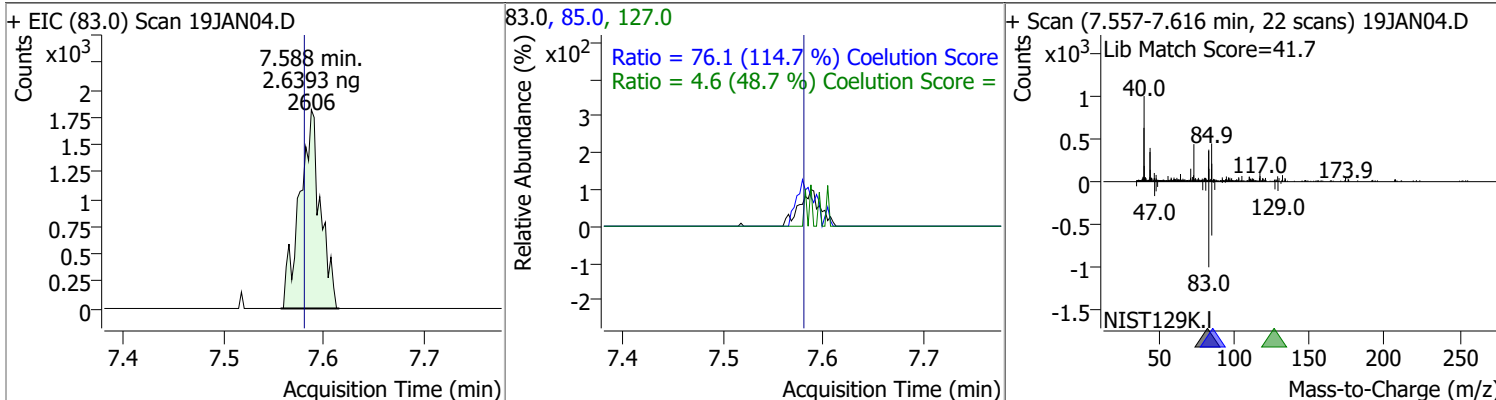


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|--------|------|----------|----------|---------------|--------------|--------------|----------------|
| Dibromomethane | 3.3195 | 7.40 | 0.00 | 1166 (m) | 173.5 95.0 | 74.6 56.9 | 78.2 54.5 | 138.2 114.5 |

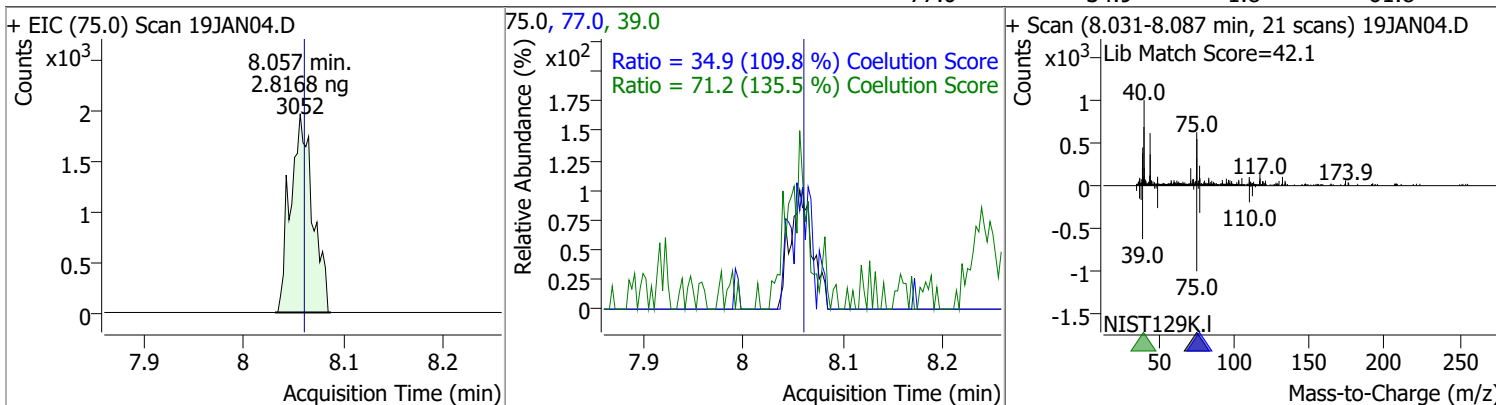


Quantitation Results Report (QT Reviewed)

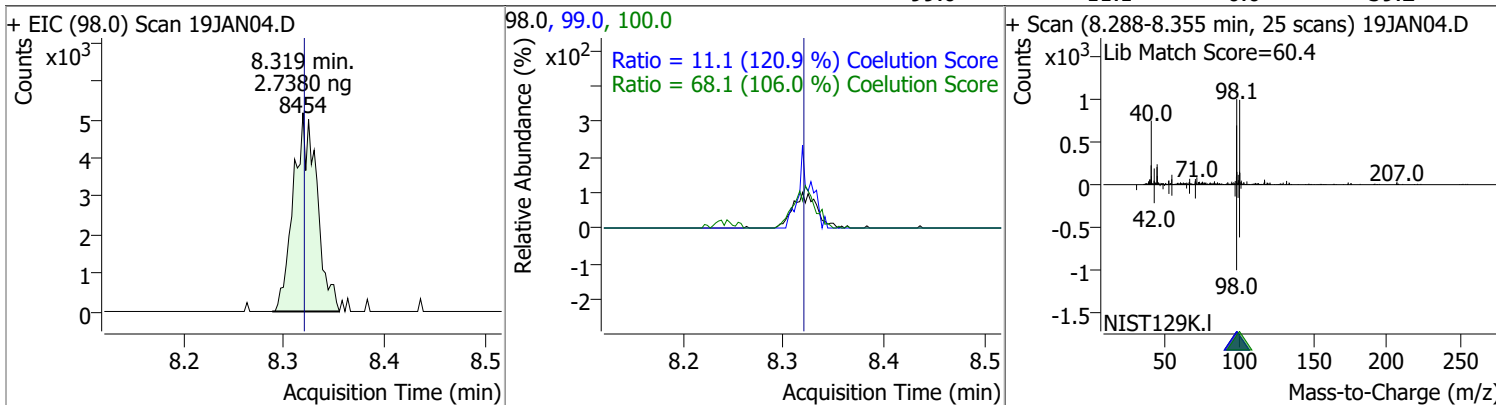
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|--------|------|----------|-------|-------|--------|-------|-------|
| Bromodichloromethane | 2.6393 | 7.59 | 0.01 | 2606 | 85.0 | 76.1 | 36.3 | 96.3 |
| | | | | | 127.0 | 4.6 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|--------|------|----------|-------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 2.8168 | 8.06 | 0.00 | 3052 | 39.0 | 71.2 | 22.5 | 82.5 |
| | | | | | 77.0 | 34.9 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|-------|-------|--------|-------|-------|
| Toluene-d8 | 2.7380 | 8.32 | 0.00 | 8454 | 100.0 | 68.1 | 34.3 | 94.3 |
| | | | | | 99.0 | 11.1 | 0.0 | 39.2 |

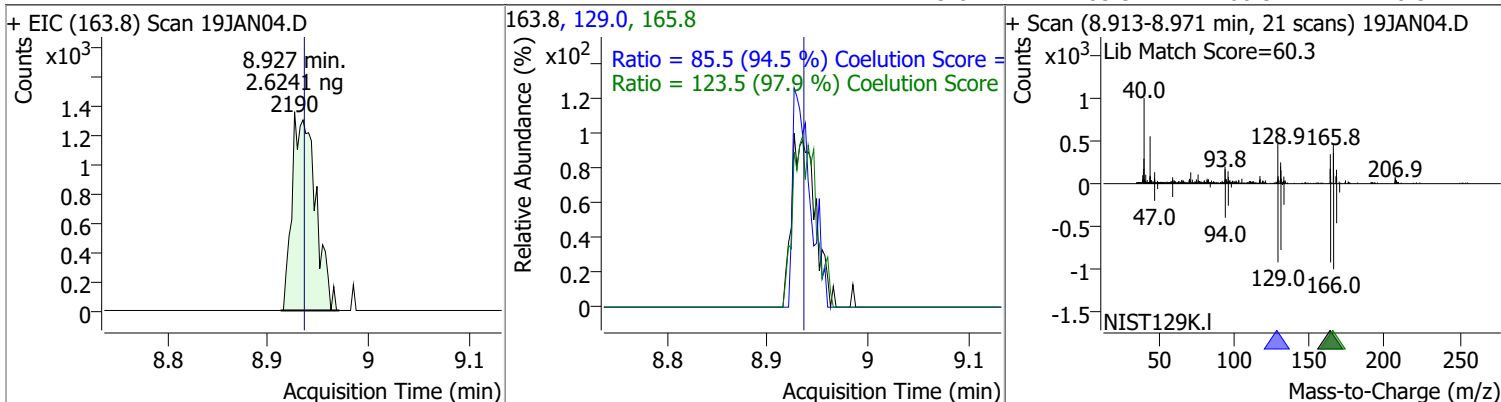


Quantitation Results Report (QT Reviewed)

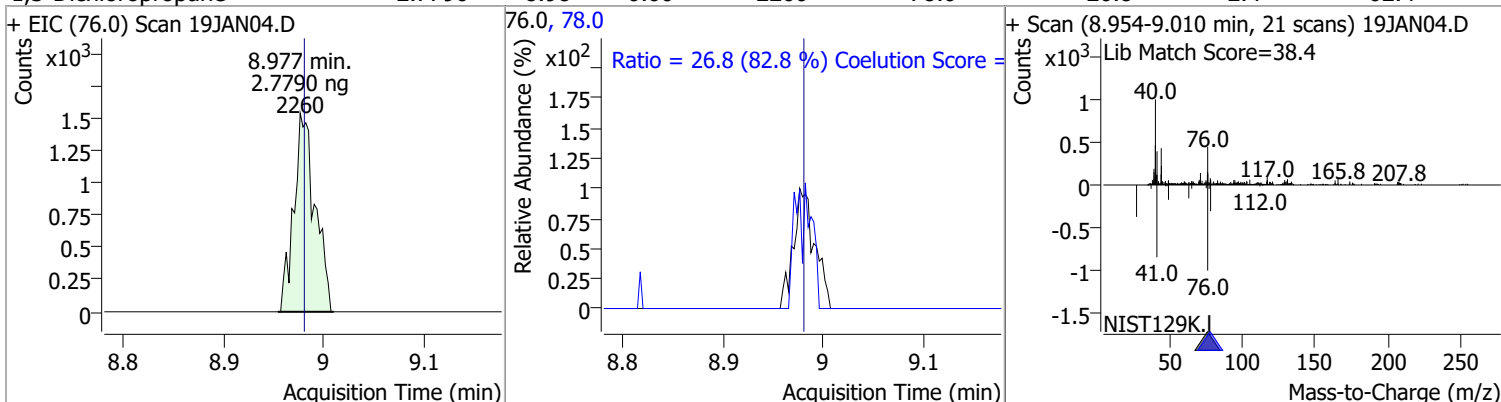
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------------|--------|------|------------------|----------|------|--|-------|-------|
| Toluene | 2.6500 | 8.38 | -0.01 | 5454 | 91.0 | 158.0 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN04.D | | | 92.0, 91.0 | | | + Scan (8.355-8.425 min, 25 scans) 19JAN04.D | | |
| | | | | | | | | |
| trans-1,3-Dichloropropene | 2.7242 | 8.64 | 0.00 | 2153 | 39.0 | 66.6 | 23.0 | 83.0 |
| + EIC (75.0) Scan 19JAN04.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.617-8.667 min, 19 scans) 19JAN04.D | | |
| | | | | | | | | |
| 1,1,2-Trichloroethane | 2.6009 | 8.82 | 0.00 | 1045 (m) | 97.0 | 136.0 | 80.7 | 140.7 |
| + EIC (83.0) Scan 19JAN04.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.770-8.868 min, 36 scans) 19JAN04.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

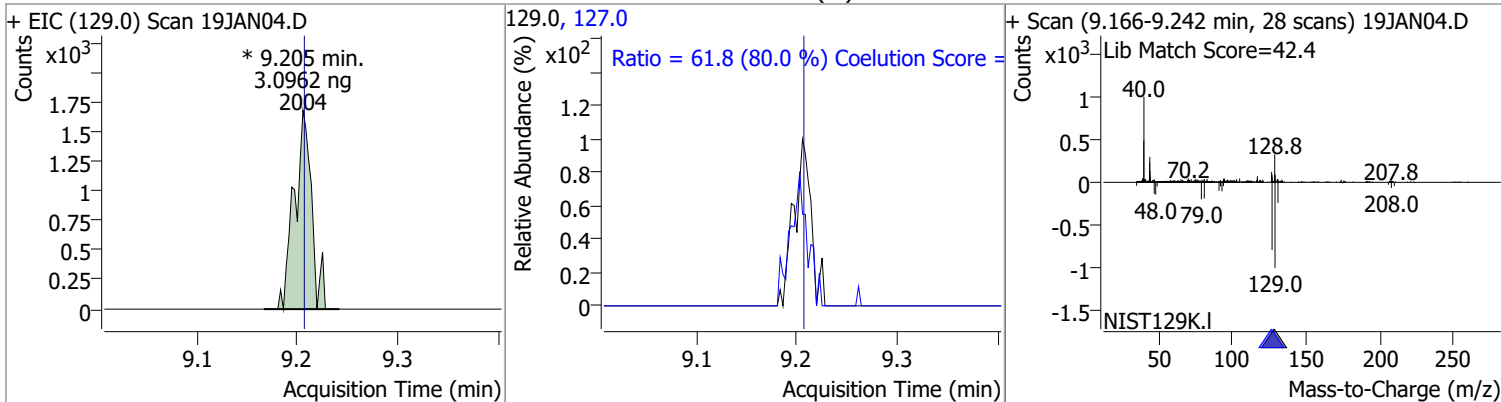
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|--------|------|----------|-------|-------|--------|-------|-------|
| Tetrachloroethene | 2.6241 | 8.93 | -0.01 | 2190 | 165.8 | 123.5 | 96.1 | 156.1 |
| | | | | | 129.0 | 85.5 | 60.5 | 120.5 |



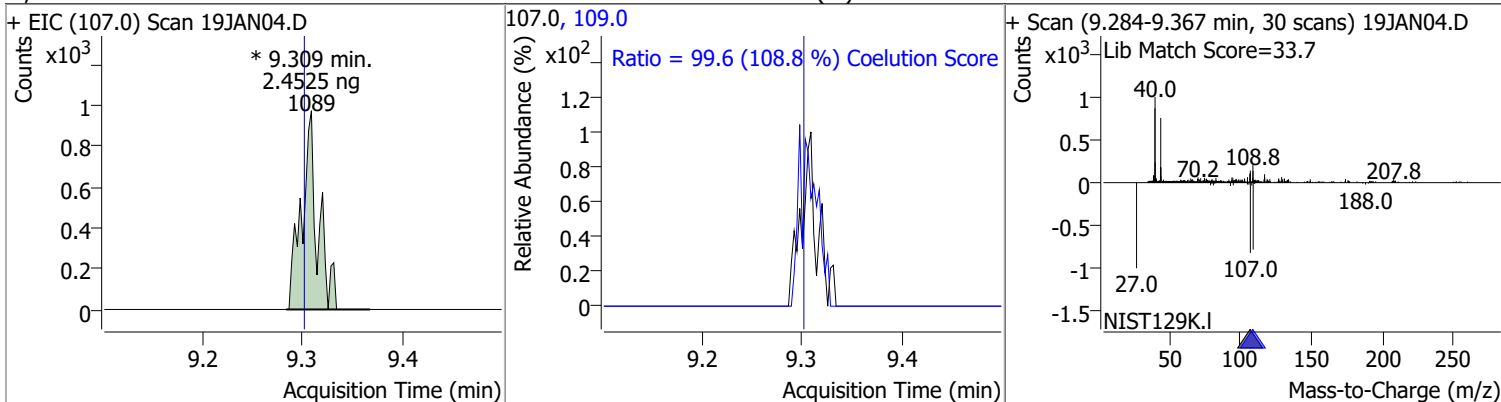
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|--------|------|----------|-------|------|--------|-------|-------|
| 1,3-Dichloropropane | 2.7790 | 8.98 | 0.00 | 2260 | 78.0 | 26.8 | 2.4 | 62.4 |



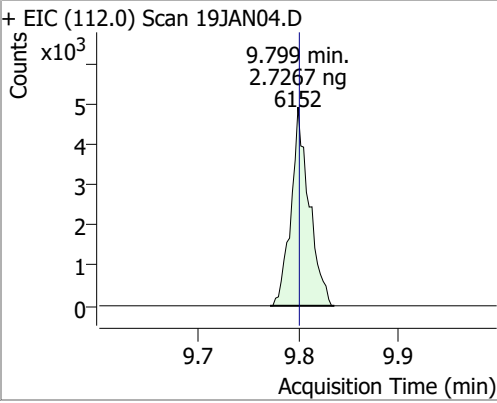
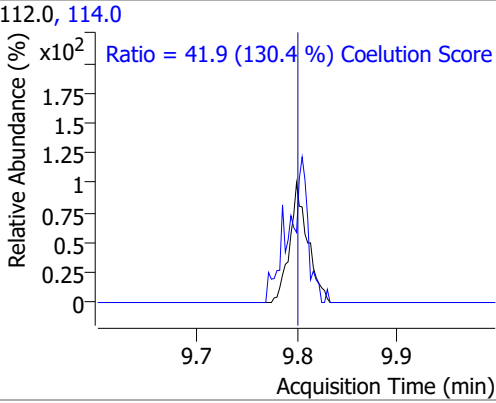
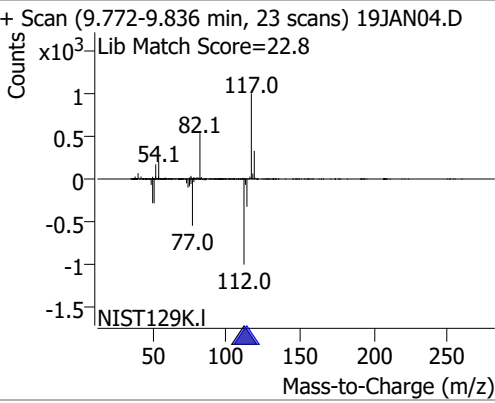
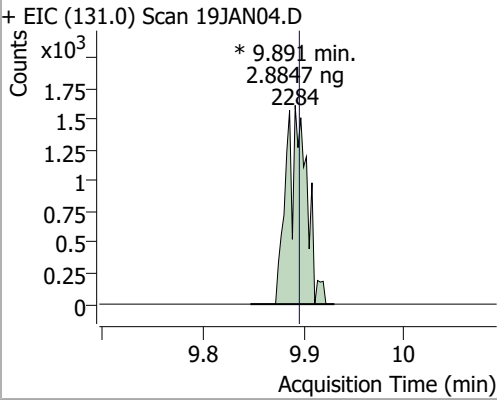
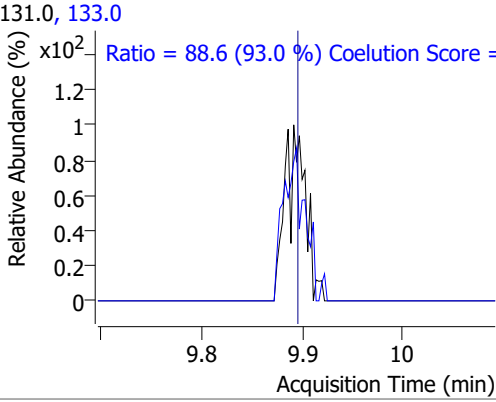
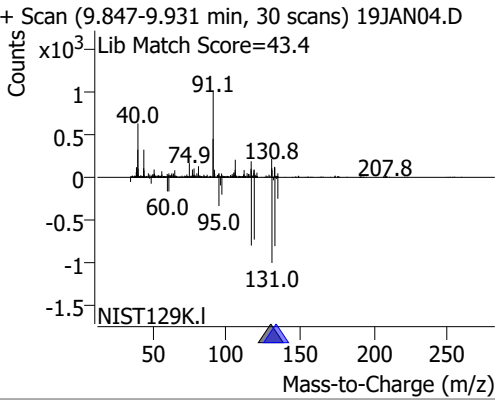
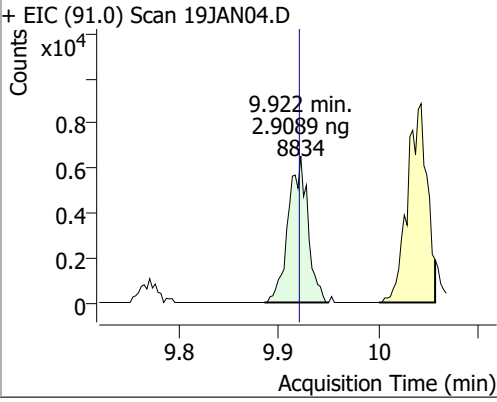
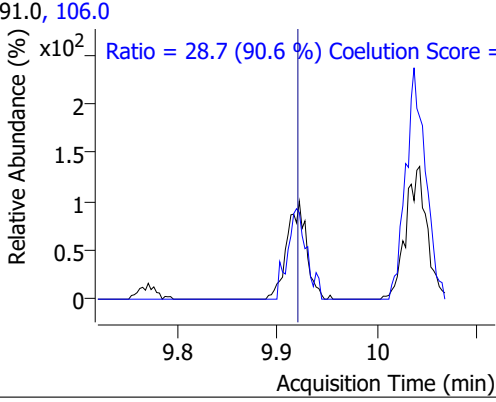
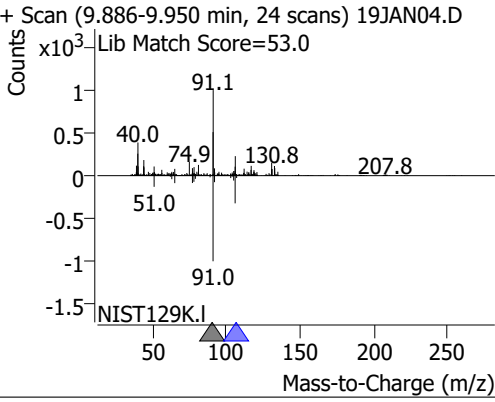
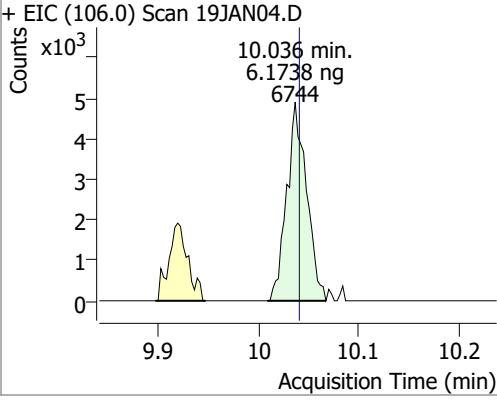
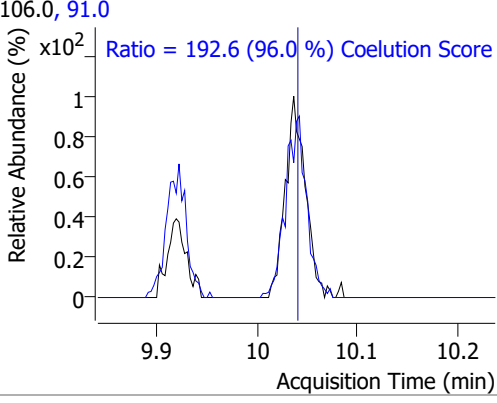
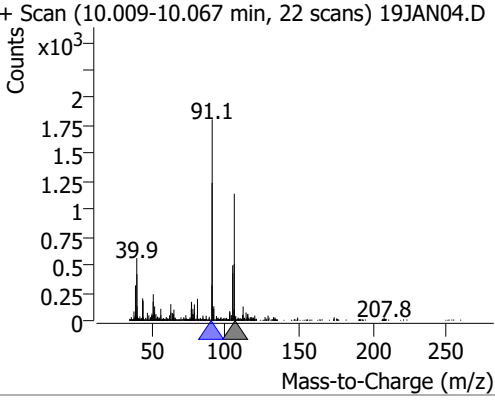
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|--------|------|----------|----------|-------|--------|-------|-------|
| Chlorodibromomethane | 3.0962 | 9.21 | 0.00 | 2004 (m) | 127.0 | 61.8 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|--------|------|----------|----------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 2.4525 | 9.31 | 0.01 | 1089 (m) | 109.0 | 99.6 | 61.5 | 121.5 |

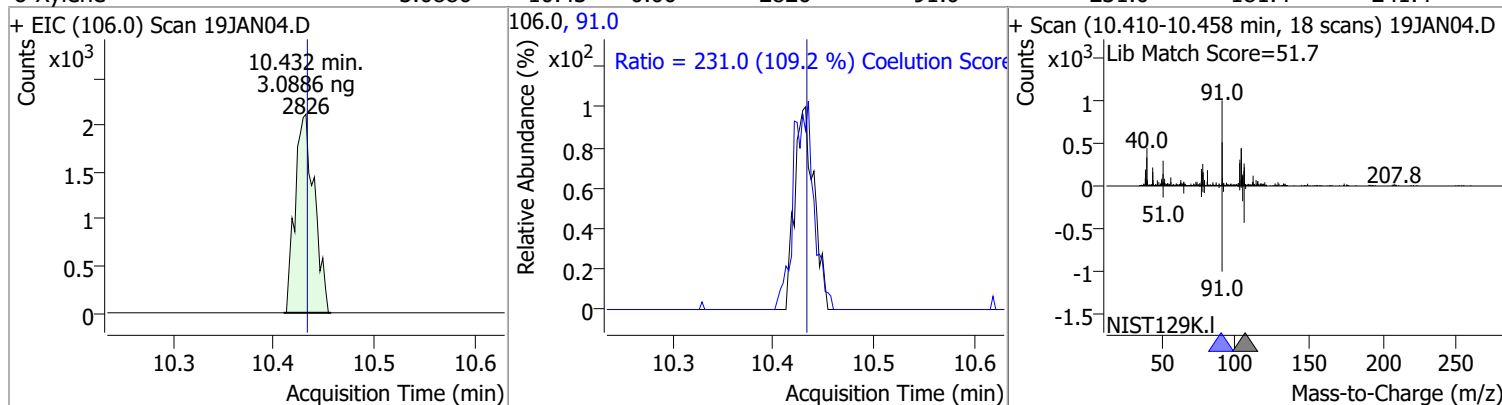


Quantitation Results Report (QT Reviewed)

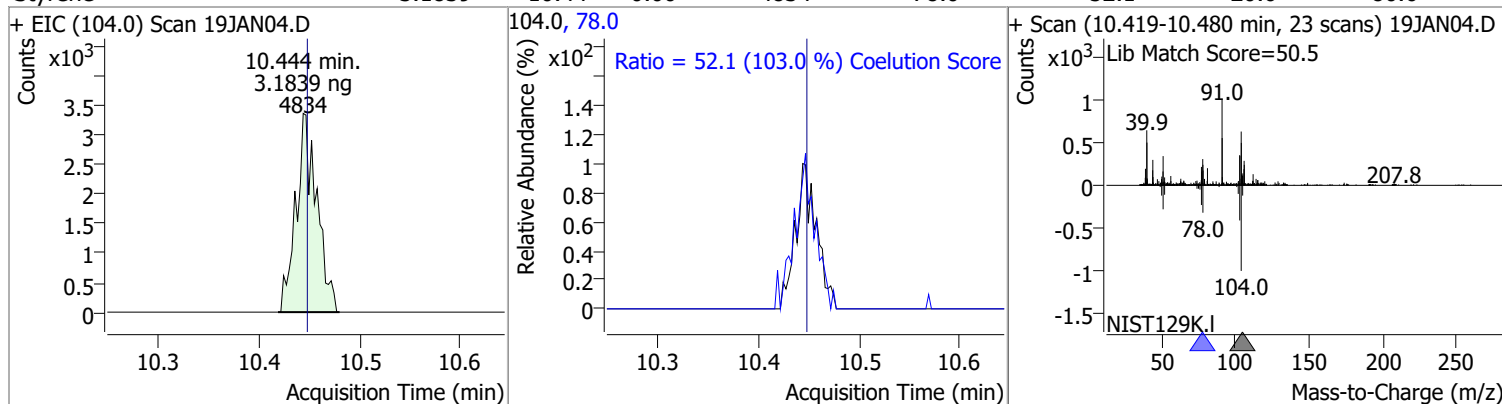
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|-------|---|----------|-------|--|-------|-------|
| Chlorobenzene | 2.7267 | 9.80 | 0.00 | 6152 | 114.0 | 41.9 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN04.D | | | 112.0, 114.0 | | | + Scan (9.772-9.836 min, 23 scans) 19JAN04.D | | |
|  |  | |  | | | | | |
| 1,1,1,2-Tetrachloroethane | 2.8847 | 9.89 | 0.00 | 2284 (m) | 133.0 | 88.6 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN04.D | | | 131.0, 133.0 | | | + Scan (9.847-9.931 min, 30 scans) 19JAN04.D | | |
|  |  | |  | | | | | |
| Ethylbenzene | 2.9089 | 9.92 | 0.00 | 8834 | 106.0 | 28.7 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN04.D | | | 91.0, 106.0 | | | + Scan (9.886-9.950 min, 24 scans) 19JAN04.D | | |
|  |  | |  | | | | | |
| m+p-Xylenes | 6.1738 | 10.04 | 0.00 | 6744 | 91.0 | 192.6 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN04.D | | | 106.0, 91.0 | | | + Scan (10.009-10.067 min, 22 scans) 19JAN04.D | | |
|  |  | |  | | | | | |

Quantitation Results Report (QT Reviewed)

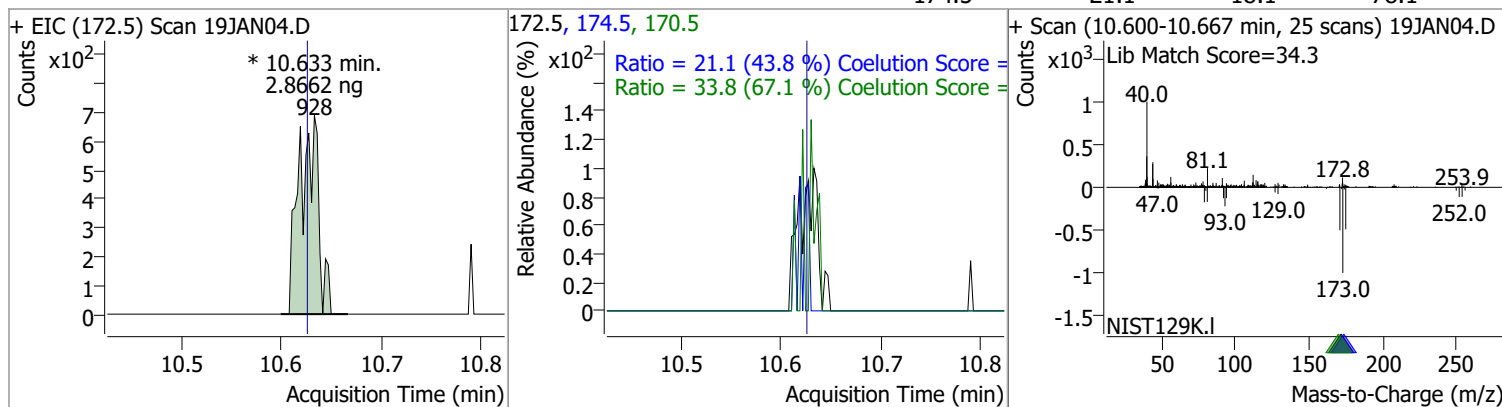
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|-------|----------|-------|------|--------|-------|-------|
| o-Xylene | 3.0886 | 10.43 | 0.00 | 2826 | 91.0 | 231.0 | 181.4 | 241.4 |



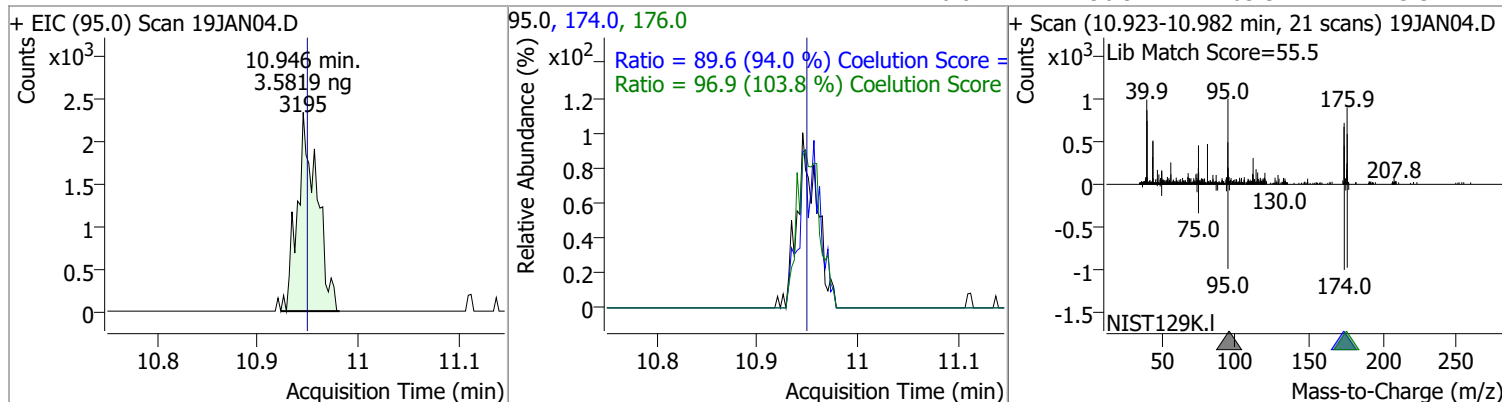
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|-------|----------|-------|------|--------|-------|-------|
| Styrene | 3.1839 | 10.44 | 0.00 | 4834 | 78.0 | 52.1 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|--------|-------|----------|---------|-------|--------|-------|-------|
| Bromoform | 2.8662 | 10.63 | 0.01 | 928 (m) | 170.5 | 33.8 | 20.3 | 80.3 |
| | | | | | 174.5 | 21.1 | 18.1 | 78.1 |

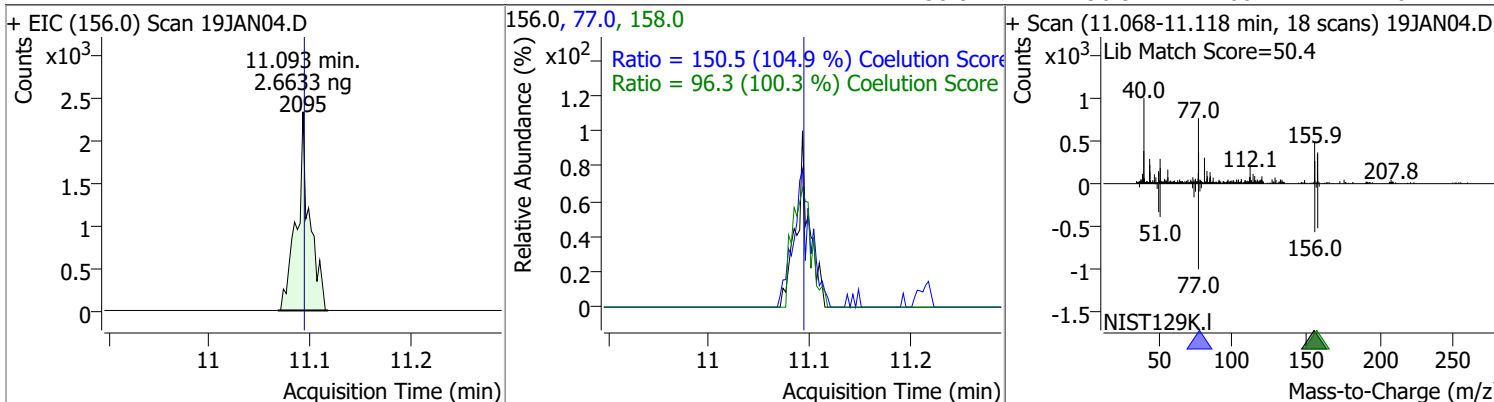


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|--------|-------|----------|-------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 3.5819 | 10.95 | 0.00 | 3195 | 174.0 | 89.6 | 65.3 | 125.3 |
| | | | | | 176.0 | 96.9 | 63.3 | 123.3 |

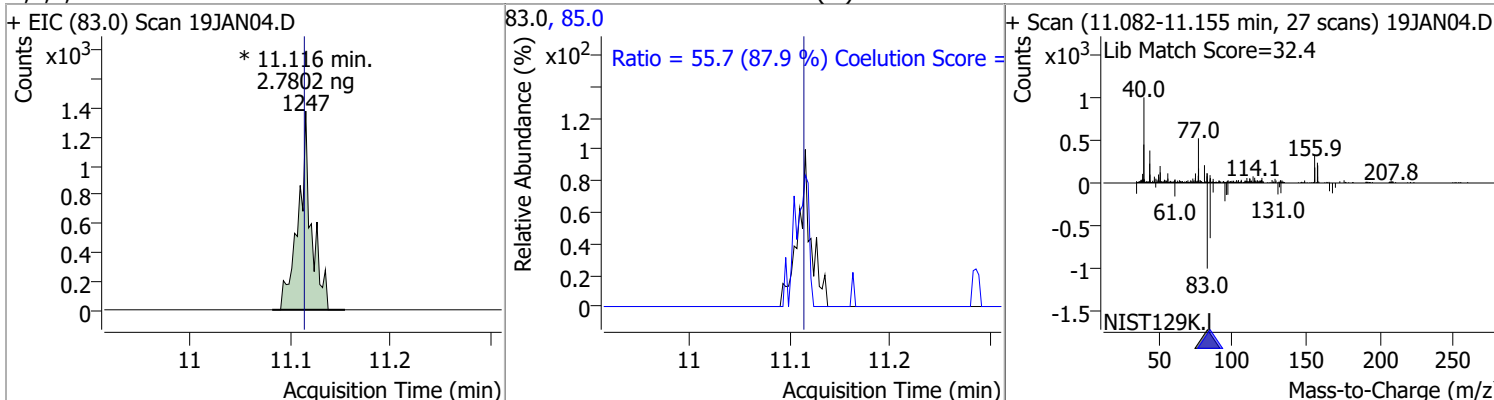


Quantitation Results Report (QT Reviewed)

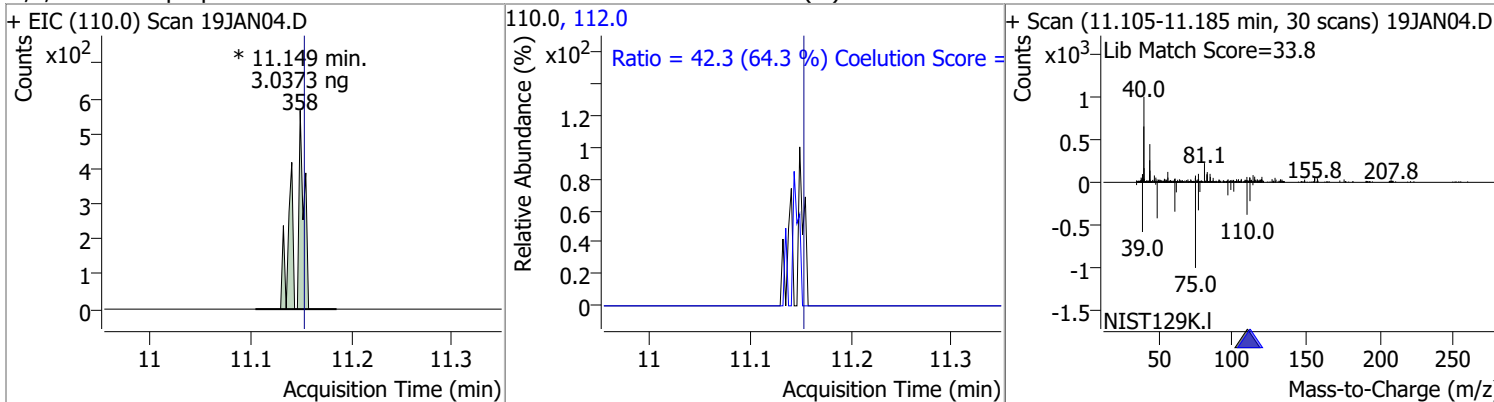
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|--------|-------|----------|-------|-------|--------|-------|-------|
| Bromobenzene | 2.6633 | 11.09 | 0.00 | 2095 | 77.0 | 150.5 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.3 | 66.1 | 126.1 |



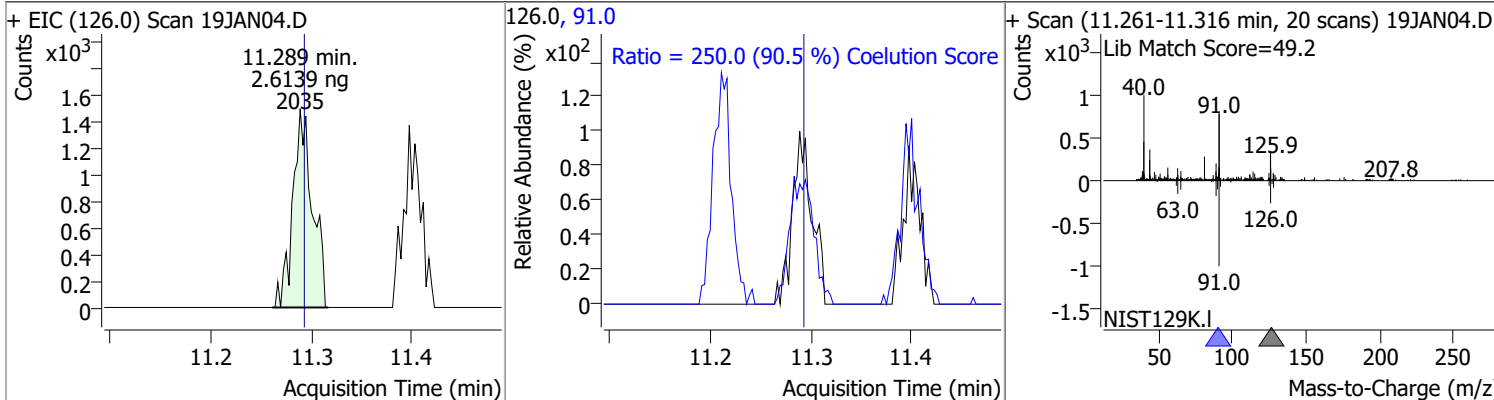
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|--------|-------|----------|----------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 2.7802 | 11.12 | 0.00 | 1247 (m) | 85.0 | 55.7 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|--------|-------|----------|---------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 3.0373 | 11.15 | 0.00 | 358 (m) | 112.0 | 42.3 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|--------|-------|----------|-------|------|--------|-------|-------|
| 2-Chlorotoluene | 2.6139 | 11.29 | 0.00 | 2035 | 91.0 | 250.0 | 246.2 | 306.2 |

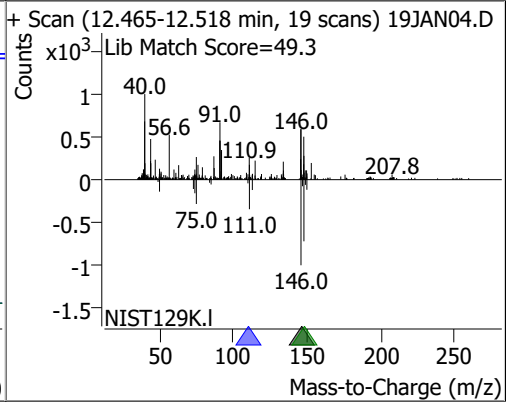
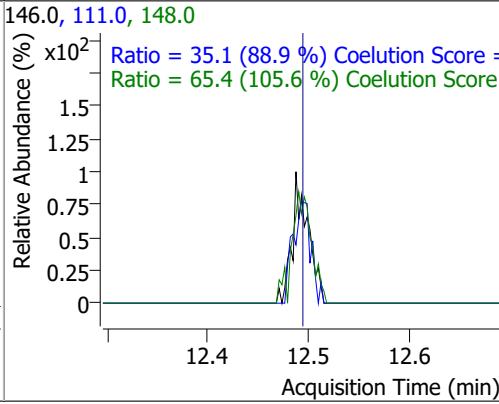
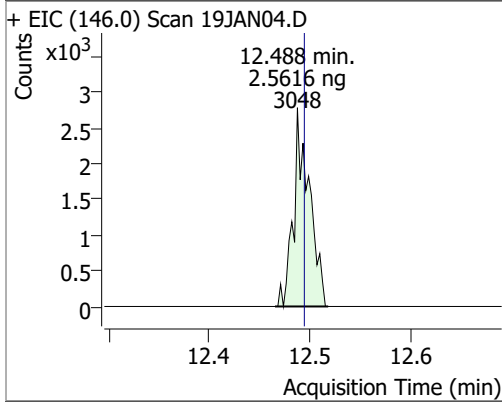


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|--------|-------|---------------------|-------|-------|--|-------|-------|
| 4-Chlorotoluene | 2.1986 | 11.40 | 0.00 | 5544 | 126.0 | 28.2 | 1.3 | 61.3 |
| + EIC (91.0) Scan 19JAN04.D | | | 91.0, 126.0 | | | + Scan (11.367-11.431 min, 24 scans) 19JAN04.D | | |
| | | | | | | | | |
| 1,3-Dichlorobenzene | 2.6066 | 12.03 | 0.00 | 3715 | 148.0 | 69.9 | 32.8 | 92.8 |
| + EIC (146.0) Scan 19JAN04.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.008-12.064 min, 21 scans) 19JAN04.D | | |
| | | | | | | | | |
| 1,4-Dichlorobenzene | 2.7200 | 12.12 | 0.00 | 3952 | 148.0 | 85.2 | 33.7 | 93.7 |
| + EIC (146.0) Scan 19JAN04.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.086-12.150 min, 24 scans) 19JAN04.D | | |
| | | | | | | | | |

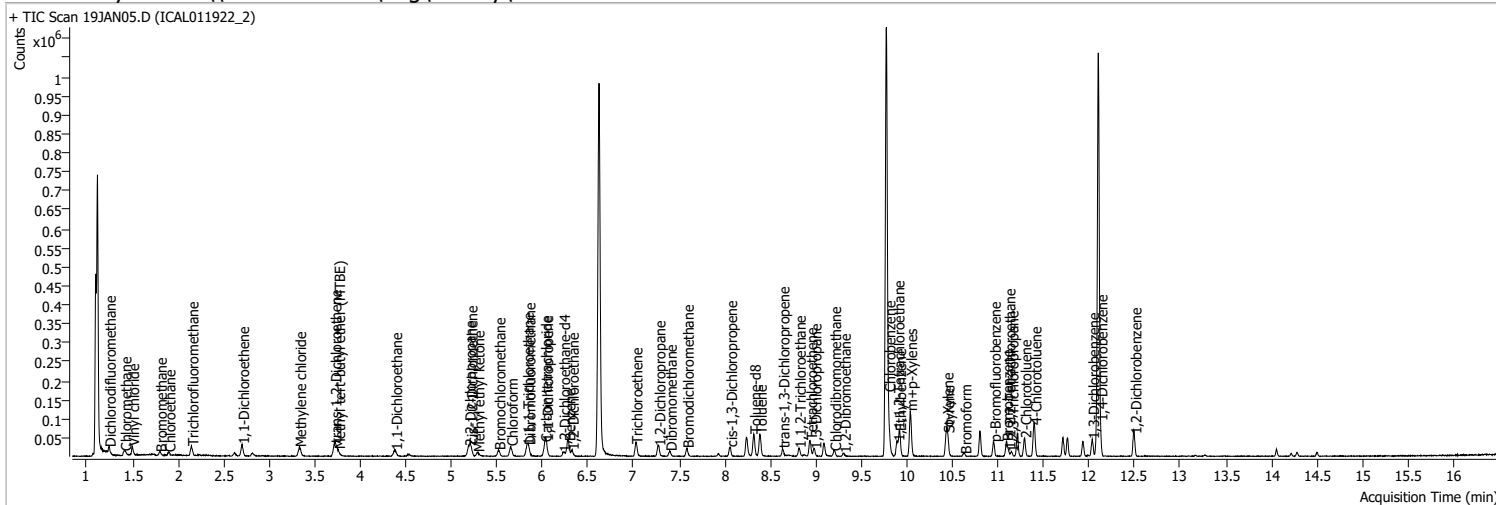
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|--------|-------|----------|-------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 2.5616 | 12.49 | -0.01 | 3048 | 148.0 | 65.4 | 31.9 | 91.9 |
| | | | | | 111.0 | 35.1 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN05.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 11:15:33 AM |
| Sample Name | ICAL011922_2 | Instrument | VOA5975C |
| Vial | 5 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



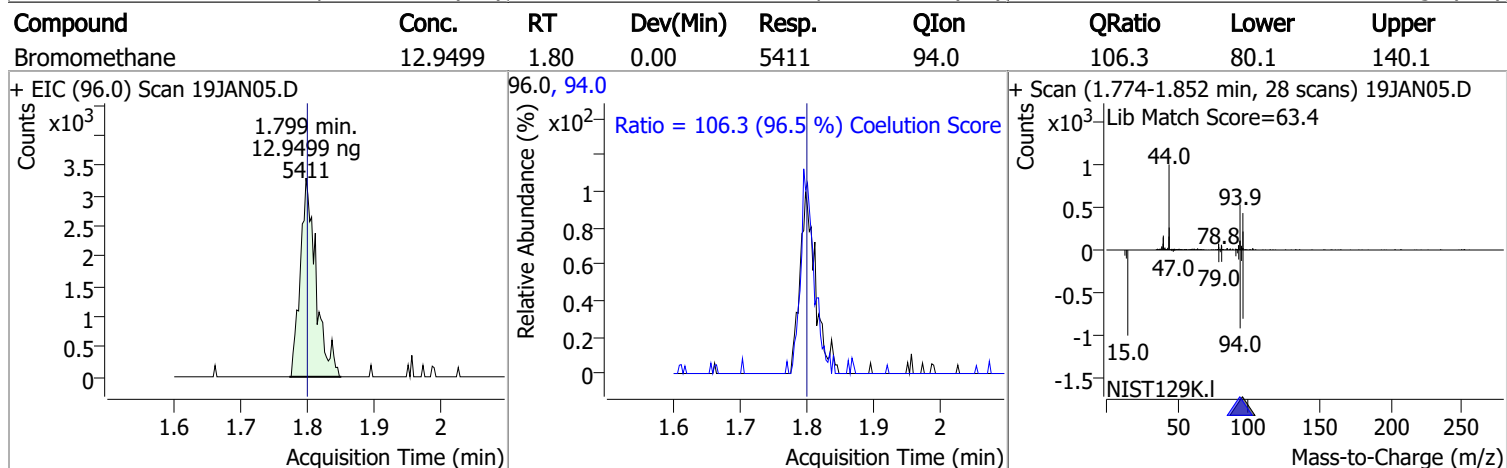
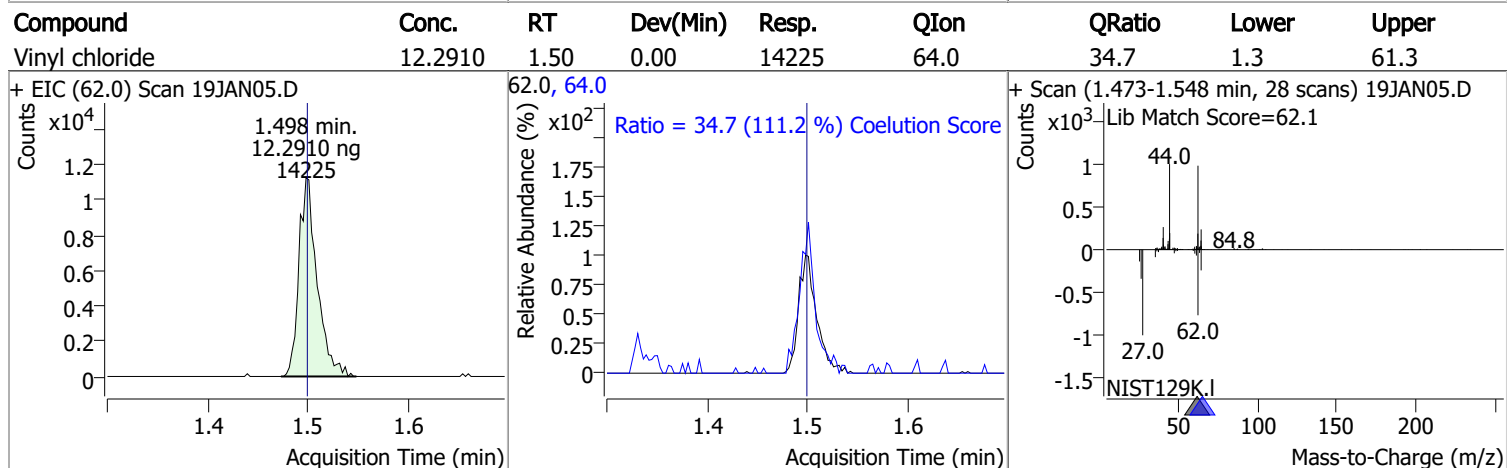
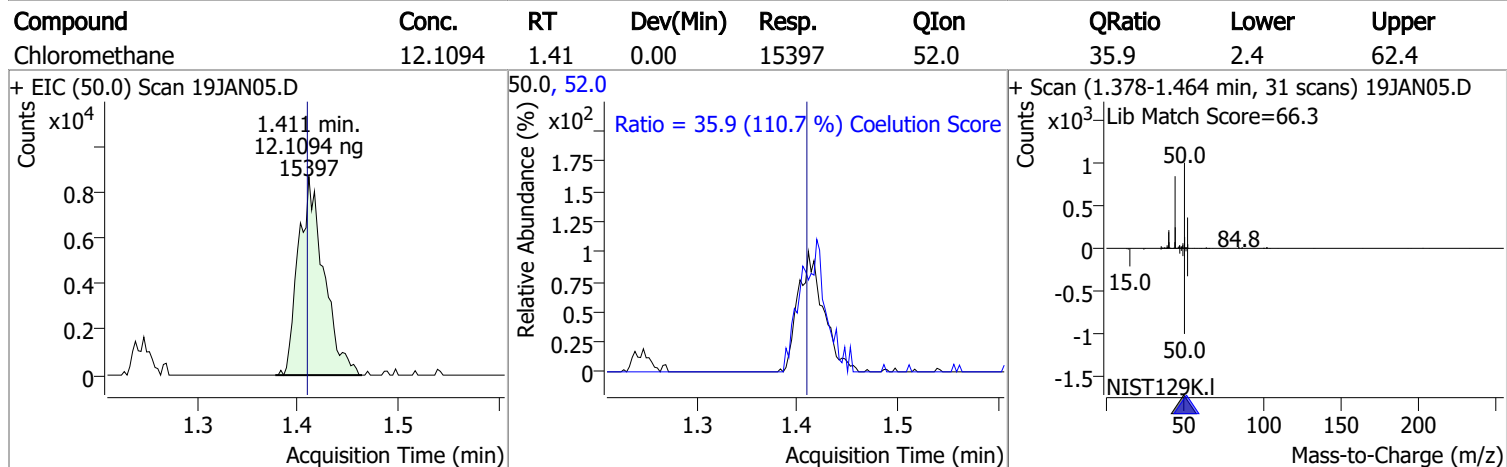
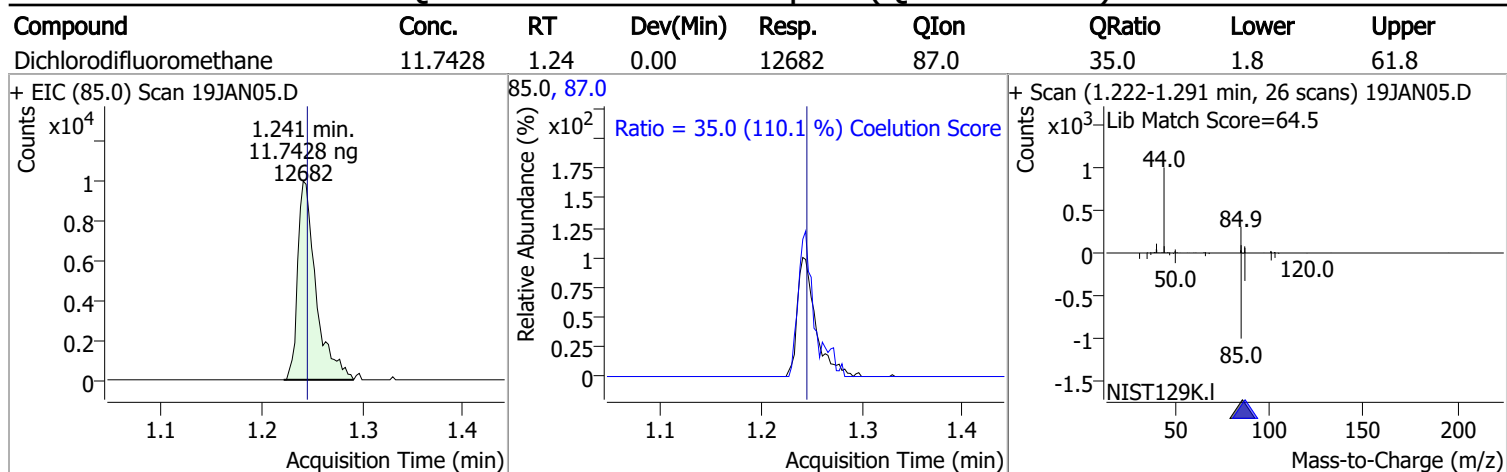
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|--------|----------------------|--------|------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 803183 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 313722 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 251947 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 9521 | 12.2386 | ng | -0.005 |
| Spiked Amount: 250.000 | | Range: 80.0 - 119.0% | | Recovery = 4.90% | * | |
| S 1,2-Dichloroethane-d4 | 6.227 | 67.0 | 4197 | 12.4883 | ng | -0.003 |
| Spiked Amount: 250.000 | | Range: 81.0 - 118.0% | | Recovery = 5.00% | * | |
| S Toluene-d8 | 8.319 | 98.0 | 33951 | 11.0927 | ng | 0.000 |
| Spiked Amount: 250.000 | | Range: 89.0 - 112.0% | | Recovery = 4.44% | * | |
| S p-Bromofluorobenzene | 10.954 | 95.0 | 10669 | 11.4690 | ng | 0.006 |
| Spiked Amount: 250.000 | | Range: 85.0 - 114.0% | | Recovery = 4.59% | * | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.241 | 85.0 | 12682 | 11.7428 | ng | 94 |
| T Chloromethane | 1.411 | 50.0 | 15397 | 12.1094 | ng | 94 |
| T Vinyl chloride | 1.498 | 62.0 | 14225 | 12.2910 | ng | 94 |
| T Bromomethane | 1.799 | 96.0 | 5411 | 12.9499 | ng | 96 |
| T Chloroethane | 1.897 | 64.0 | 6576 | 12.0096 | ng | 92 |
| T Trichlorofluoromethane | 2.148 | 101.0 | 16916 | 12.1888 | ng | 100 |
| T 1,1-Dichloroethene | 2.703 | 96.0 | 9440 | 11.6900 | ng | 96 |
| T Methylene chloride | 3.330 | 49.0 | 15719 | 13.3883 | ng | 96 |
| T trans-1,2-Dichloroethene | 3.718 | 96.0 | 10455 | 12.5326 | ng | 94 |
| T Methyl tert-butyl ether (MTBE) | 3.757 | 73.0 | 12721 | 12.2004 | ng | 99 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 18500 | 11.8493 | ng | 98 |
| T 2,2-Dichloropropane | 5.190 | 77.0 | 14213 | 12.0798 | ng | 97 |
| T cis-1,2-Dichloroethene | 5.209 | 96.0 | 9874 | 11.6899 | ng | 95 |
| T Methyl ethyl ketone | 5.288 | 43.0 | 15038 | 123.1947 | ng | 97 |
| T Bromochloromethane | 5.516 | 128.0 | 4232 | 12.1514 | ng | m 95 |
| T Chloroform | 5.653 | 83.0 | 18593 | 11.9271 | ng | 99 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) | |
|-----------------------------|--------|-------|-------|---------|-------|----------|----|
| T 1,1,1-Trichloroethane | 5.829 | 97.0 | 16614 | 11.5510 | ng | 98 | |
| T Carbon tetrachloride | 6.024 | 117.0 | 15775 | 11.3084 | ng | 97 | |
| T 1,1-Dichloropropene | 6.041 | 75.0 | 12417 | 10.6461 | ng | 94 | |
| T Benzene | 6.286 | 78.0 | 37609 | 11.7214 | ng | 96 | |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 11123 | 12.5510 | ng | 99 | |
| T Trichloroethene | 7.022 | 95.0 | 10949 | 11.6577 | ng | 97 | |
| T 1,2-Dichloropropane | 7.273 | 63.0 | 9499 | 11.5033 | ng | 98 | |
| T Dibromomethane | 7.396 | 93.0 | 4088 | 11.7450 | ng | 84 | |
| T Bromodichloromethane | 7.585 | 83.0 | 12025 | 12.2862 | ng | 95 | |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 12472 | 11.6126 | ng | 92 | |
| T Toluene | 8.386 | 92.0 | 21899 | 10.7342 | ng | 97 | |
| T trans-1,3-Dichloropropene | 8.634 | 75.0 | 8755 | 11.1755 | ng | 93 | |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 4762 | 11.9543 | ng | 92 | |
| T Tetrachloroethene | 8.938 | 163.8 | 8964 | 10.8355 | ng | 96 | |
| T 1,3-Dichloropropane | 8.985 | 76.0 | 9988 | 12.3902 | ng | 94 | |
| T Chlorodibromomethane | 9.203 | 129.0 | 7984 | 12.4449 | ng | 96 | |
| T 1,2-Dibromoethane | 9.306 | 107.0 | 4936 | 11.2192 | ng | 87 | |
| T Chlorobenzene | 9.797 | 112.0 | 26688 | 11.9332 | ng | 96 | |
| T 1,1,1,2-Tetrachloroethane | 9.894 | 131.0 | 9446 | 12.0378 | ng | 94 | |
| T Ethylbenzene | 9.914 | 91.0 | 42980 | 11.9196 | ng | 95 | |
| T m+p-Xylenes | 10.037 | 106.0 | 31103 | 22.1645 | ng | 100 | |
| T o-Xylene | 10.435 | 106.0 | 13717 | 11.3234 | ng | 98 | |
| T Styrene | 10.447 | 104.0 | 21872 | 10.9234 | ng | 99 | |
| T Bromoform | 10.631 | 172.5 | 4402 | 13.0389 | ng | 96 | |
| T Bromobenzene | 11.091 | 156.0 | 9784 | 11.9266 | ng | 99 | |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 5757 | 12.3034 | ng | 97 | |
| T 1,2,3-Trichloropropane | 11.147 | 110.0 | 1522 | 12.3825 | ng | m | 99 |
| T 2-Chlorotoluene | 11.292 | 126.0 | 9032 | 11.1243 | ng | 98 | |
| T 4-Chlorotoluene | 11.400 | 91.0 | 26850 | 10.2102 | ng | 95 | |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 17111 | 11.5123 | ng | 96 | |
| T 1,4-Dichlorobenzene | 12.125 | 146.0 | 17730 | 11.7008 | ng | 81 | |
| T 1,2-Dichlorobenzene | 12.496 | 146.0 | 14345 | 11.5601 | ng | 97 | |

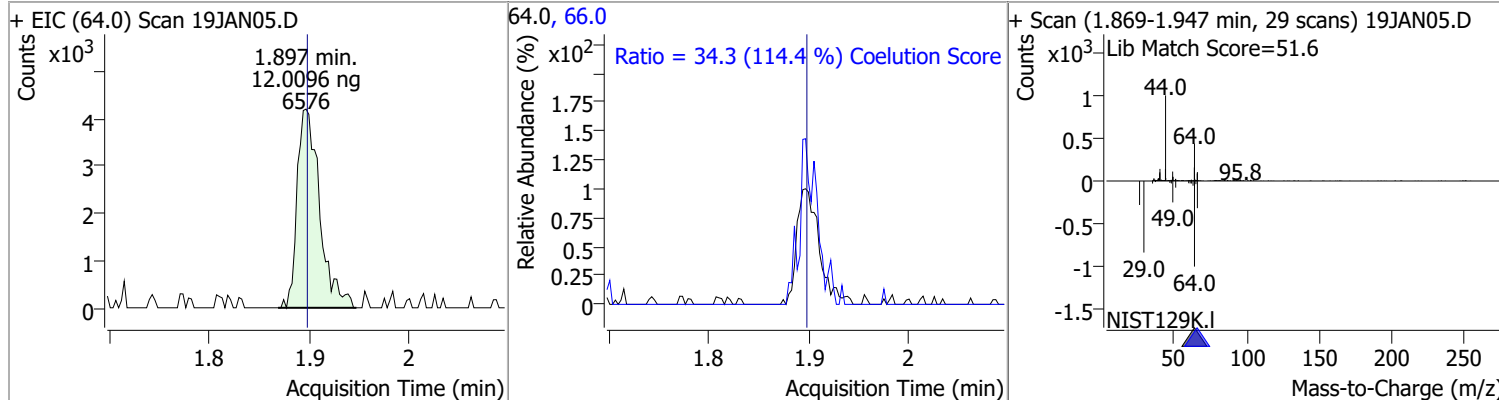
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

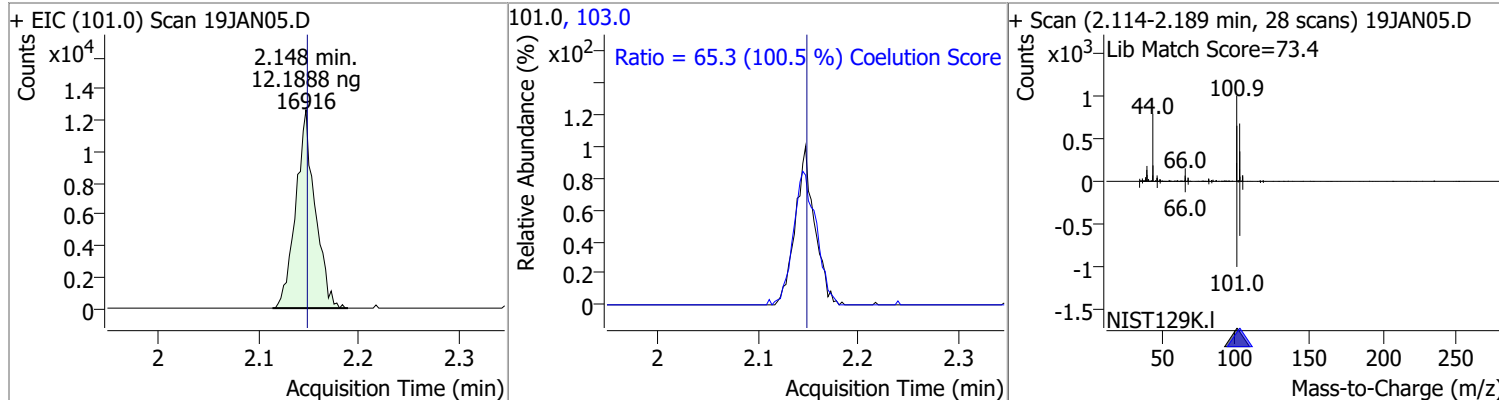


Quantitation Results Report (QT Reviewed)

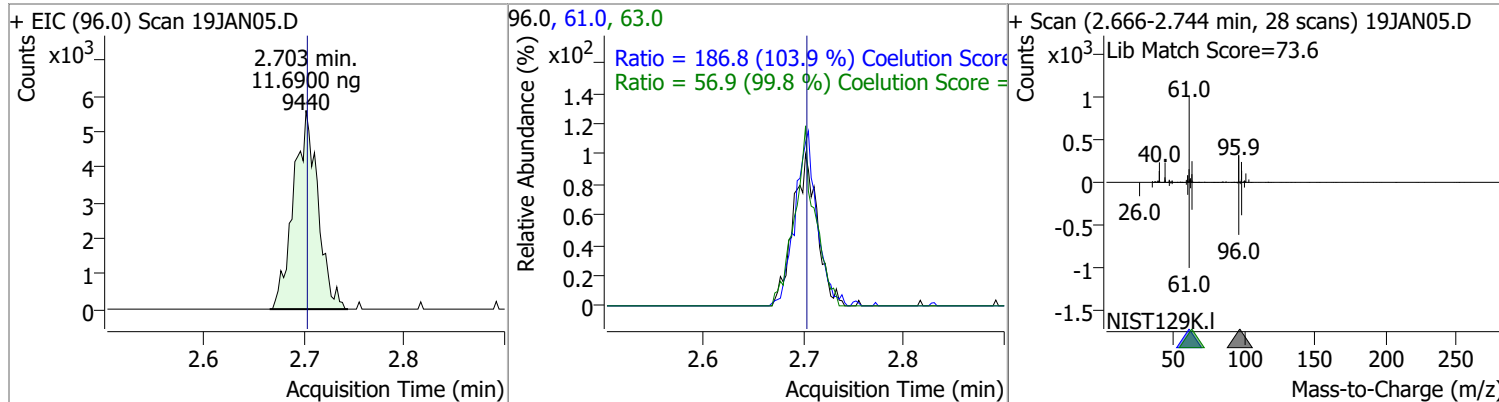
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 12.0096 | 1.90 | 0.00 | 6576 | 66.0 | 34.3 | 0.0 | 60.0 |



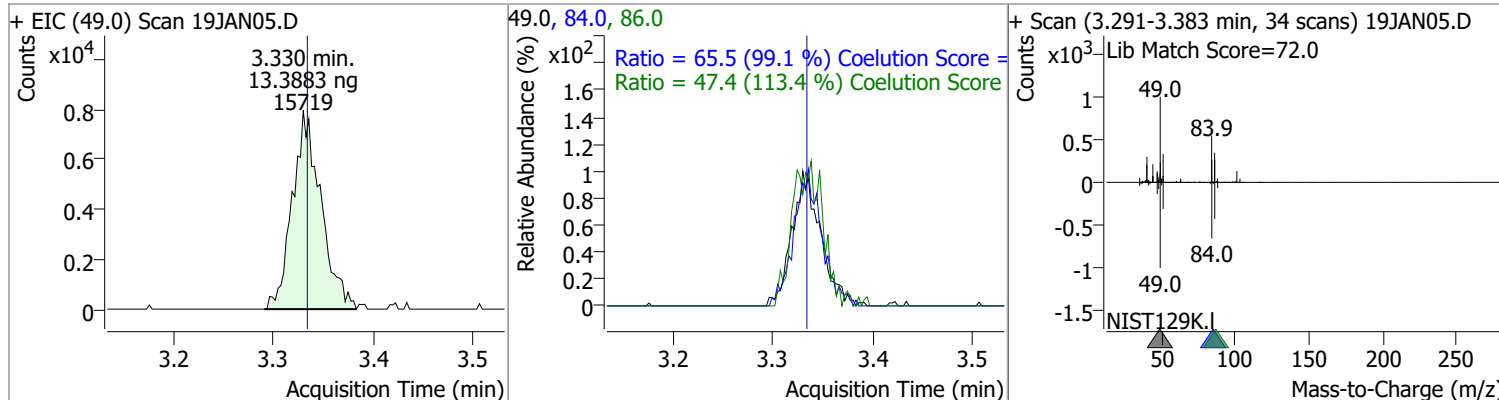
| | | | | | | | | |
|------------------------|---------|------|------|-------|-------|------|------|------|
| Trichlorofluoromethane | 12.1888 | 2.15 | 0.00 | 16916 | 103.0 | 65.3 | 35.0 | 95.0 |
|------------------------|---------|------|------|-------|-------|------|------|------|



| | | | | | | | | |
|--------------------|---------|------|------|------|------|-------|-------|-------|
| 1,1-Dichloroethene | 11.6900 | 2.70 | 0.00 | 9440 | 61.0 | 186.8 | 149.9 | 209.9 |
| | | | | | 63.0 | 56.9 | 27.0 | 87.0 |

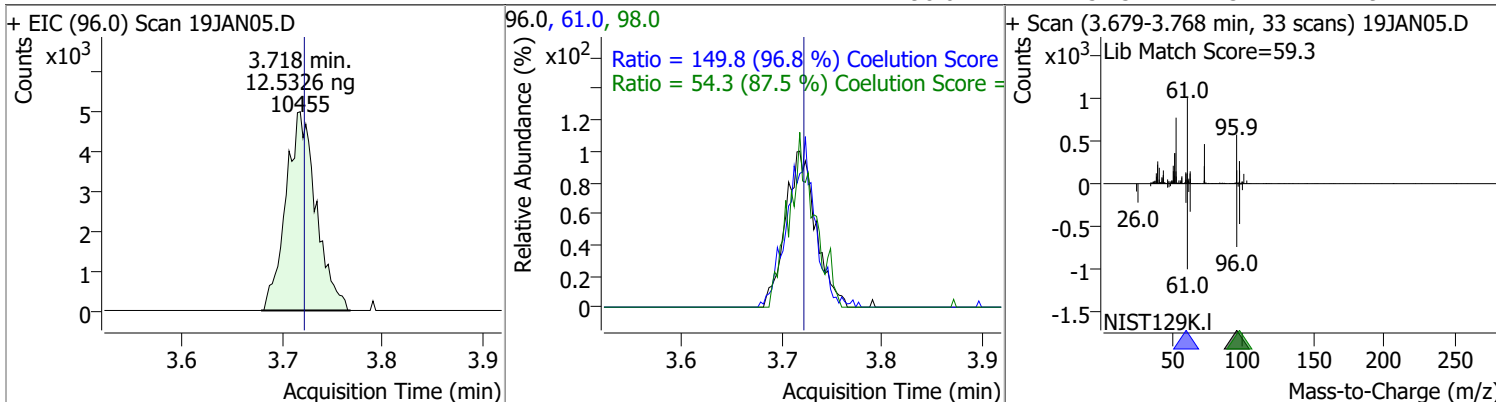


| | | | | | | | | |
|--------------------|---------|------|------|-------|------|------|------|------|
| Methylene chloride | 13.3883 | 3.33 | 0.00 | 15719 | 84.0 | 65.5 | 36.1 | 96.1 |
| | | | | | 86.0 | 47.4 | 11.8 | 71.8 |

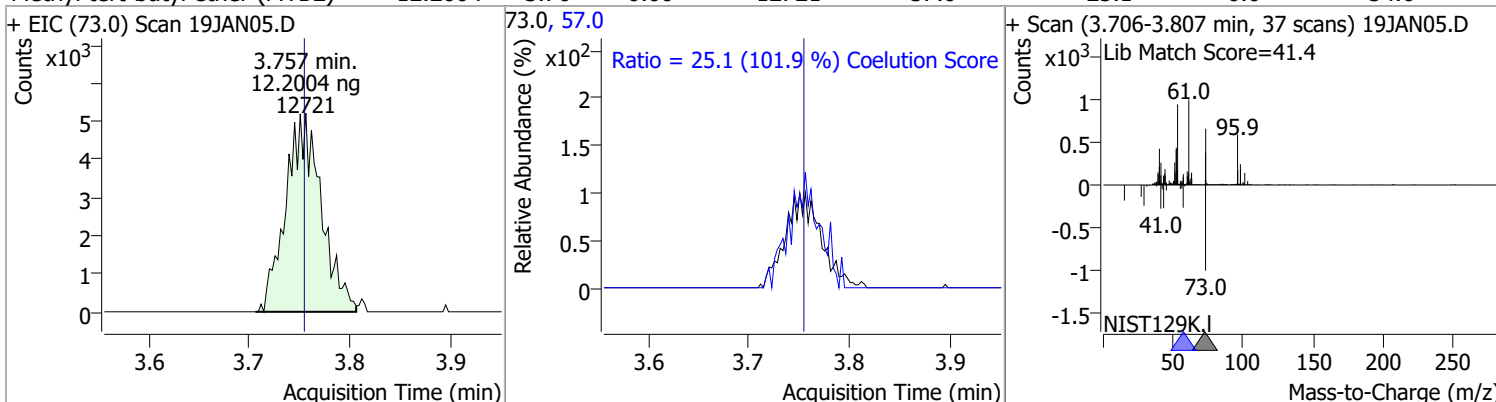


Quantitation Results Report (QT Reviewed)

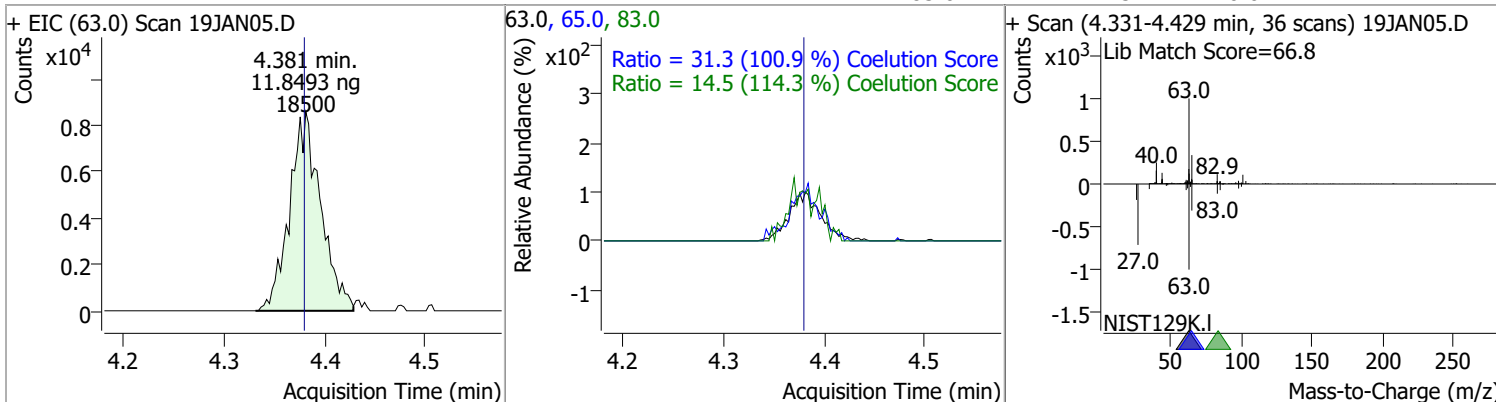
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|---------|------|----------|-------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 12.5326 | 3.72 | 0.00 | 10455 | 61.0 | 149.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 54.3 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|---------|------|----------|-------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 12.2004 | 3.76 | 0.00 | 12721 | 57.0 | 25.1 | 0.0 | 54.6 |

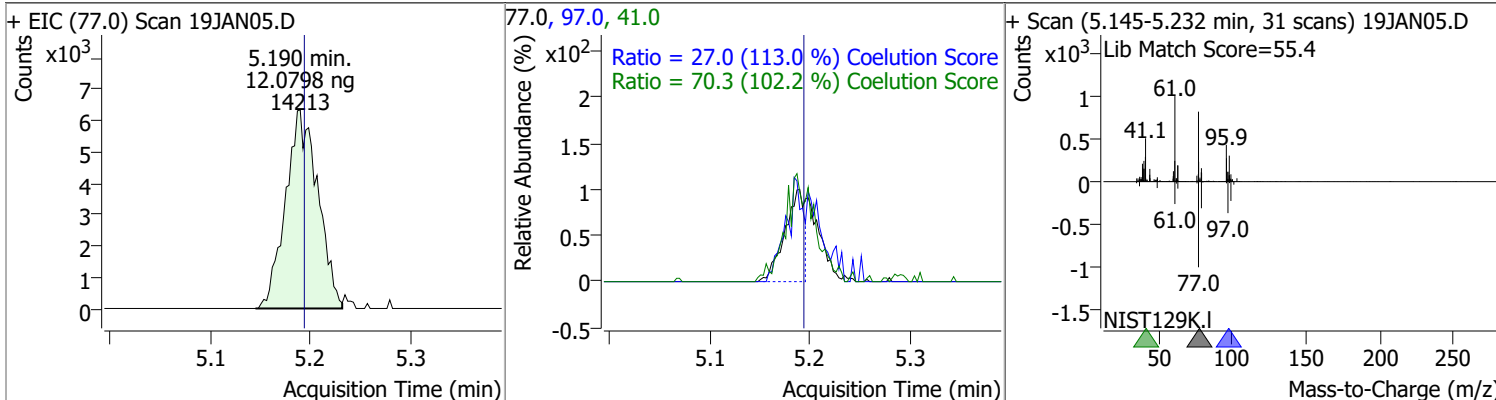


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1-Dichloroethane | 11.8493 | 4.38 | 0.00 | 18500 | 65.0 | 31.3 | 1.0 | 61.0 |
| | | | | | 83.0 | 14.5 | 0.0 | 42.7 |

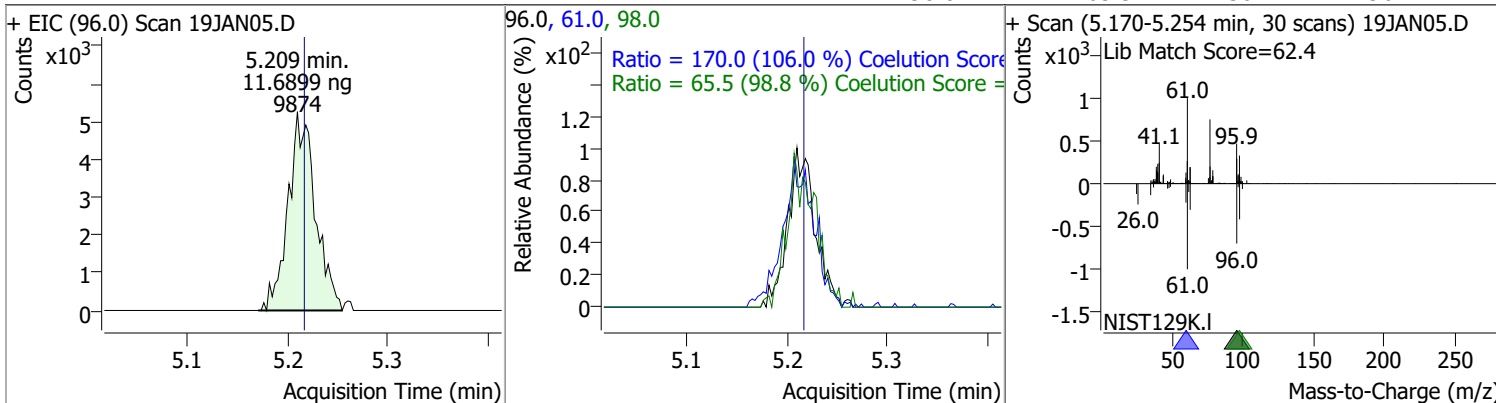


Quantitation Results Report (QT Reviewed)

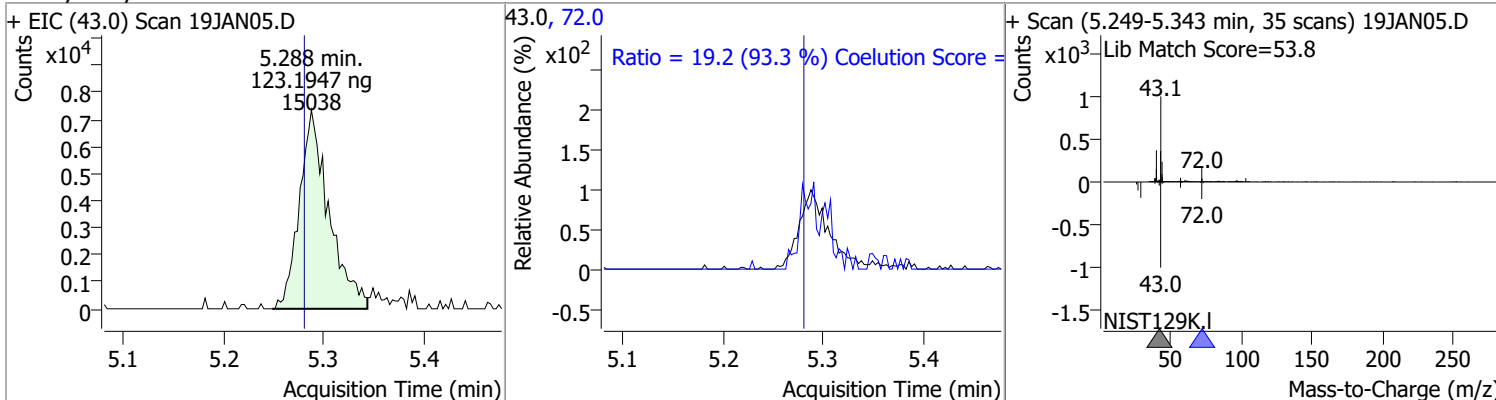
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 2,2-Dichloropropane | 12.0798 | 5.19 | 0.00 | 14213 | 41.0 | 70.3 | 38.8 | 98.8 |
| | | | | | 97.0 | 27.0 | 0.0 | 53.9 |



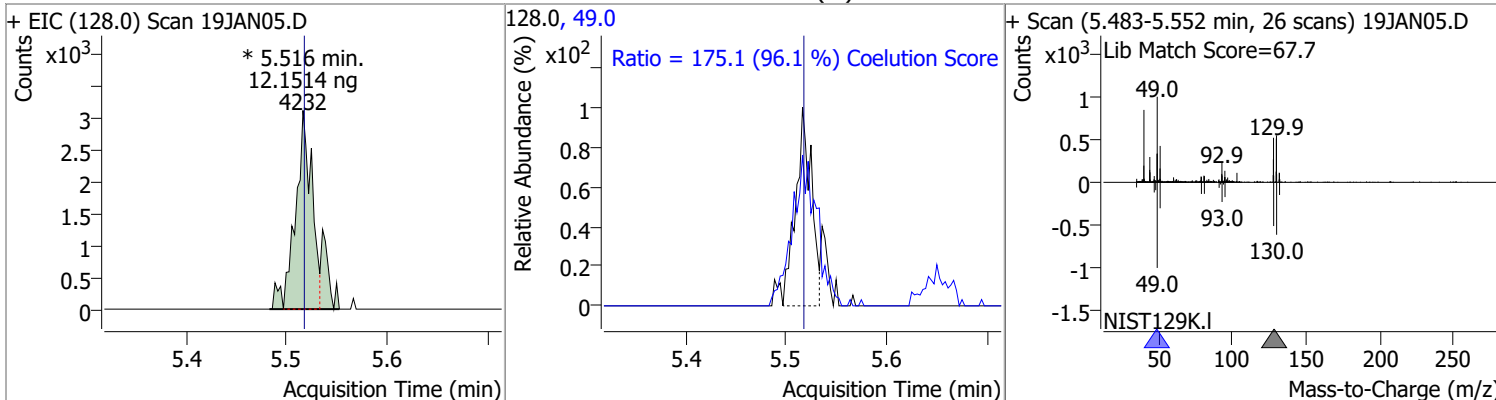
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 11.6899 | 5.21 | -0.01 | 9874 | 61.0 | 170.0 | 130.4 | 190.4 |
| | | | | | 98.0 | 65.5 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|-------|------|--------|-------|-------|
| Methyl ethyl ketone | 123.1947 | 5.29 | 0.01 | 15038 | 72.0 | 19.2 | 0.0 | 50.6 |

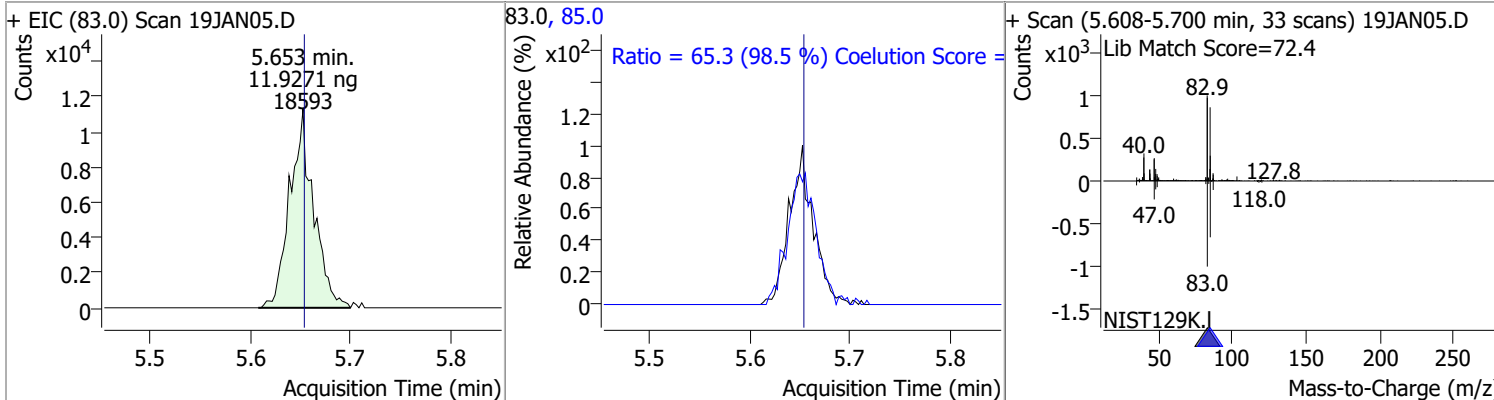


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|----------|------|--------|-------|-------|
| Bromochloromethane | 12.1514 | 5.52 | 0.00 | 4232 (m) | 49.0 | 175.1 | 152.2 | 212.2 |

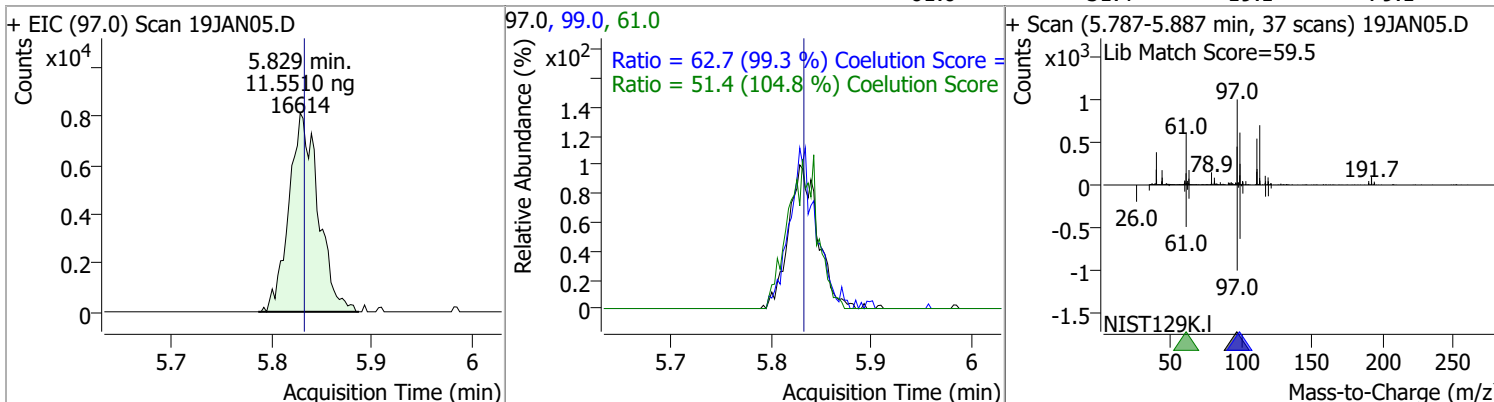


Quantitation Results Report (QT Reviewed)

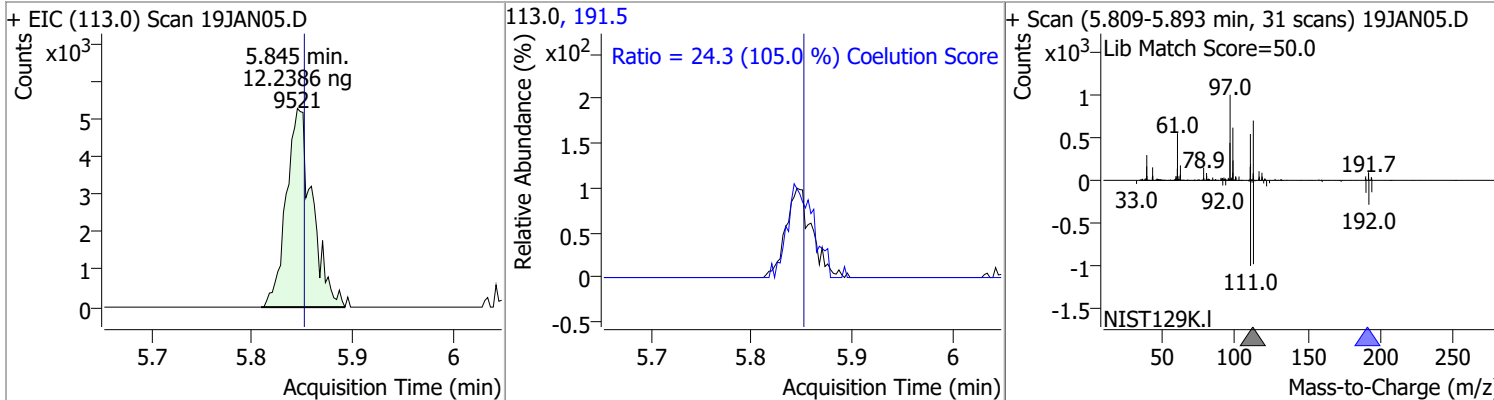
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|---------|------|----------|-------|------|--------|-------|-------|
| Chloroform | 11.9271 | 5.65 | 0.00 | 18593 | 85.0 | 65.3 | 36.2 | 96.2 |



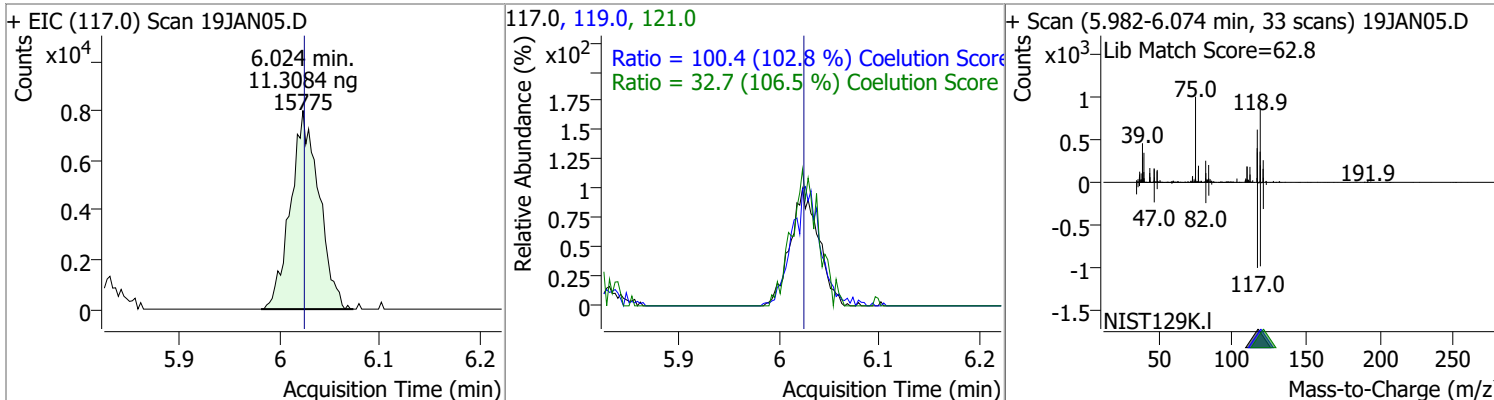
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 11.5510 | 5.83 | 0.00 | 16614 | 99.0 | 62.7 | 33.1 | 93.1 |
| | | | | | 61.0 | 51.4 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Dibromofluoromethane | 12.2386 | 5.85 | -0.01 | 9521 | 191.5 | 24.3 | 0.0 | 53.2 |

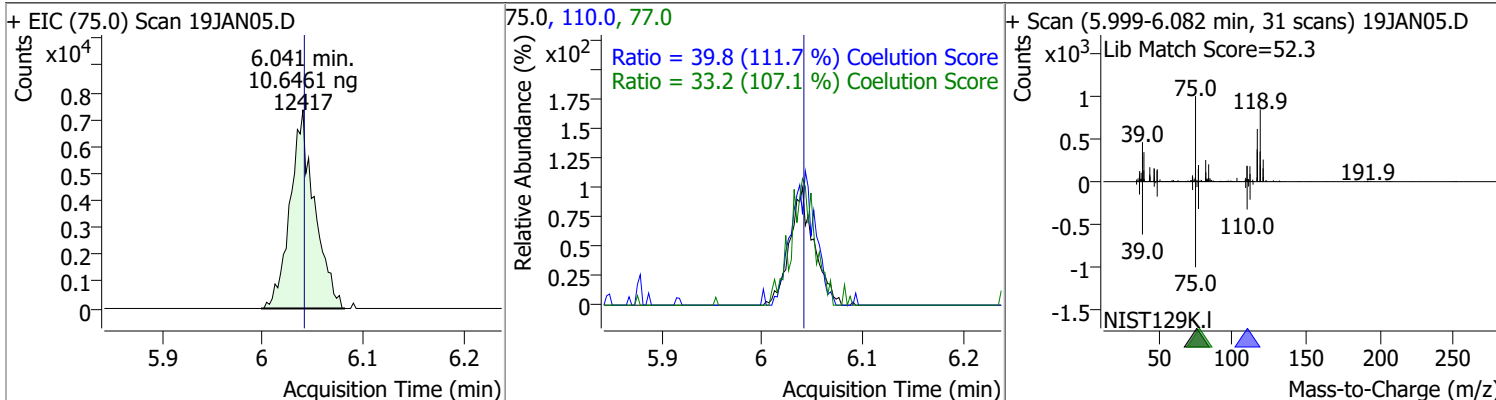


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Carbon tetrachloride | 11.3084 | 6.02 | 0.00 | 15775 | 119.0 | 100.4 | 67.6 | 127.6 |
| | | | | | 121.0 | 32.7 | 0.7 | 60.7 |

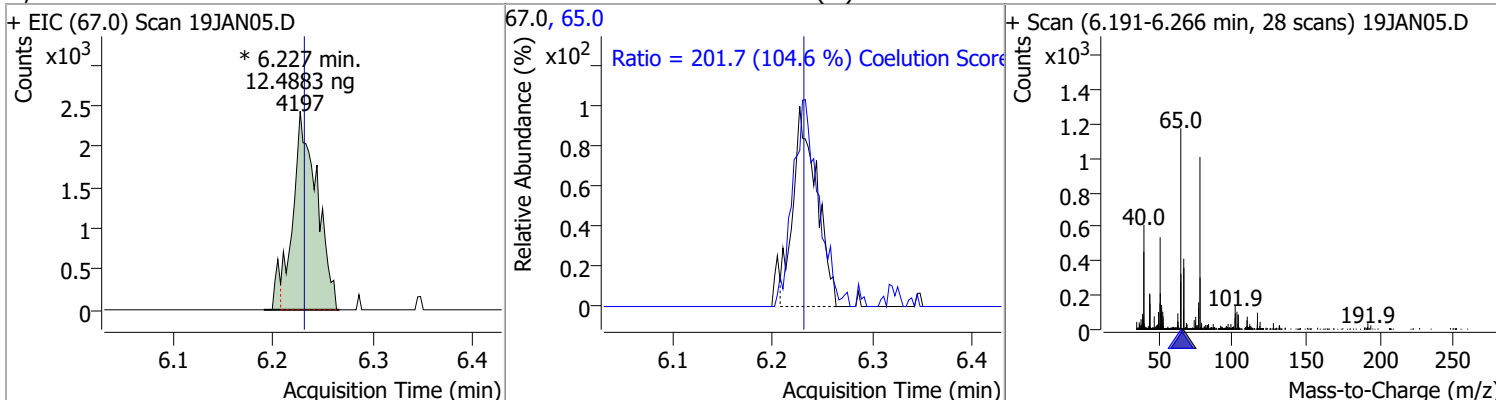


Quantitation Results Report (QT Reviewed)

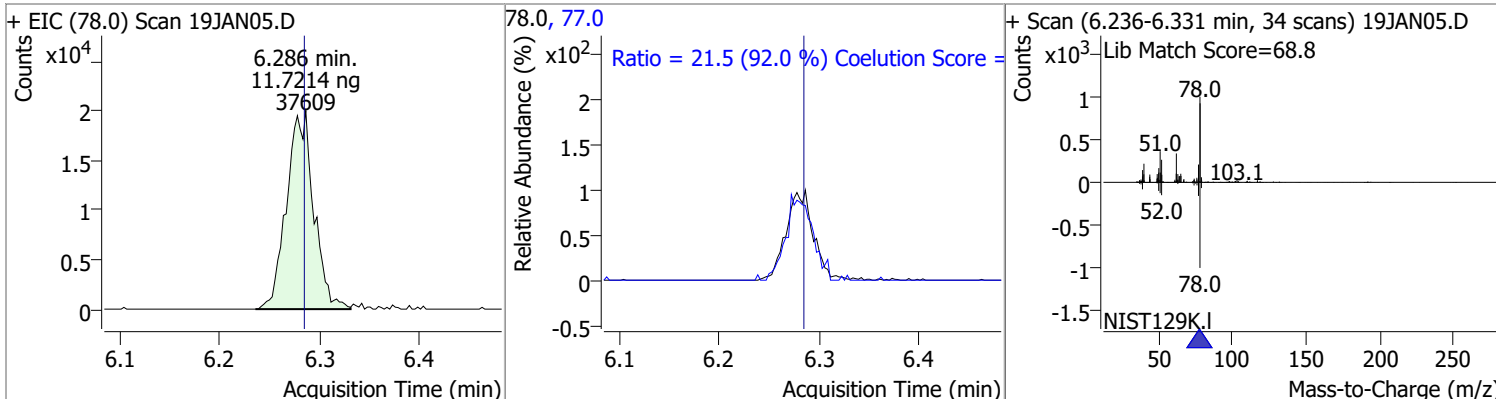
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 10.6461 | 6.04 | 0.00 | 12417 | 110.0 | 39.8 | 5.6 | 65.6 |
| | | | | | 77.0 | 33.2 | 1.0 | 61.0 |



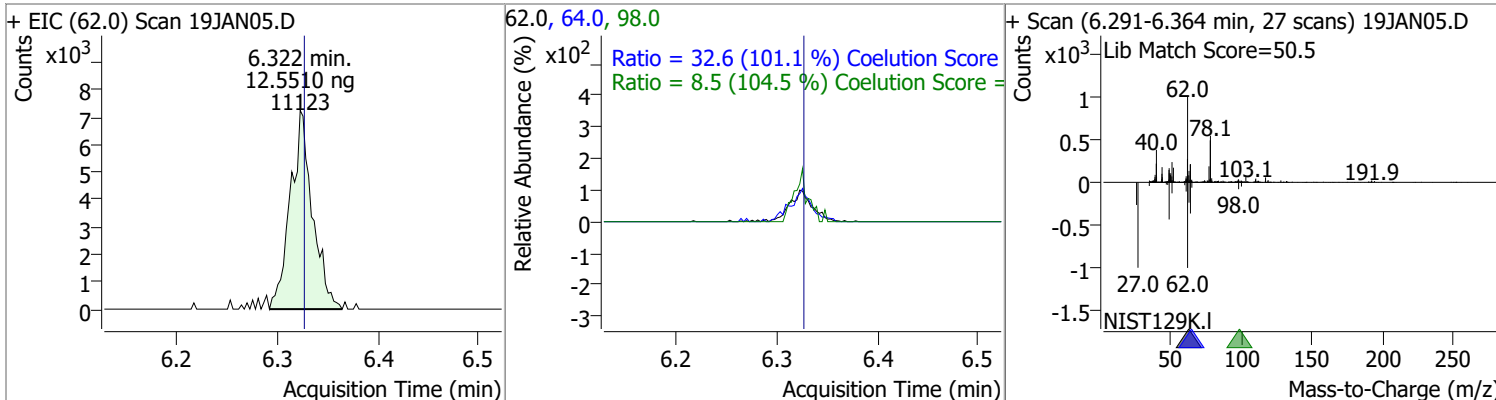
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|----------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 12.4883 | 6.23 | 0.00 | 4197 (m) | 65.0 | 201.7 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|------|----------|-------|------|--------|-------|-------|
| Benzene | 11.7214 | 6.29 | 0.00 | 37609 | 77.0 | 21.5 | 0.0 | 53.3 |

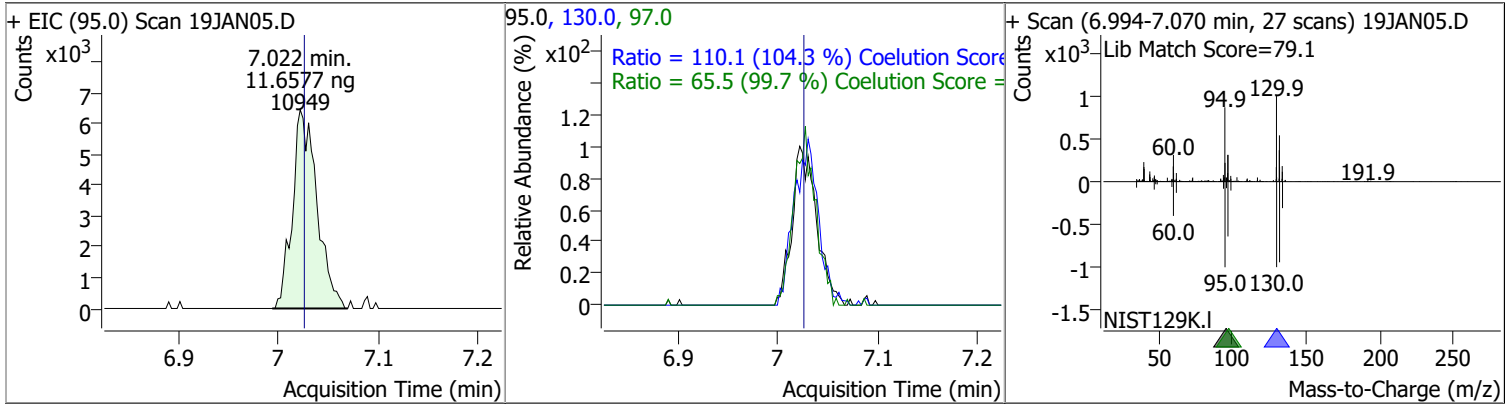


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane | 12.5510 | 6.32 | 0.00 | 11123 | 64.0 | 32.6 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.5 | 0.0 | 38.2 |

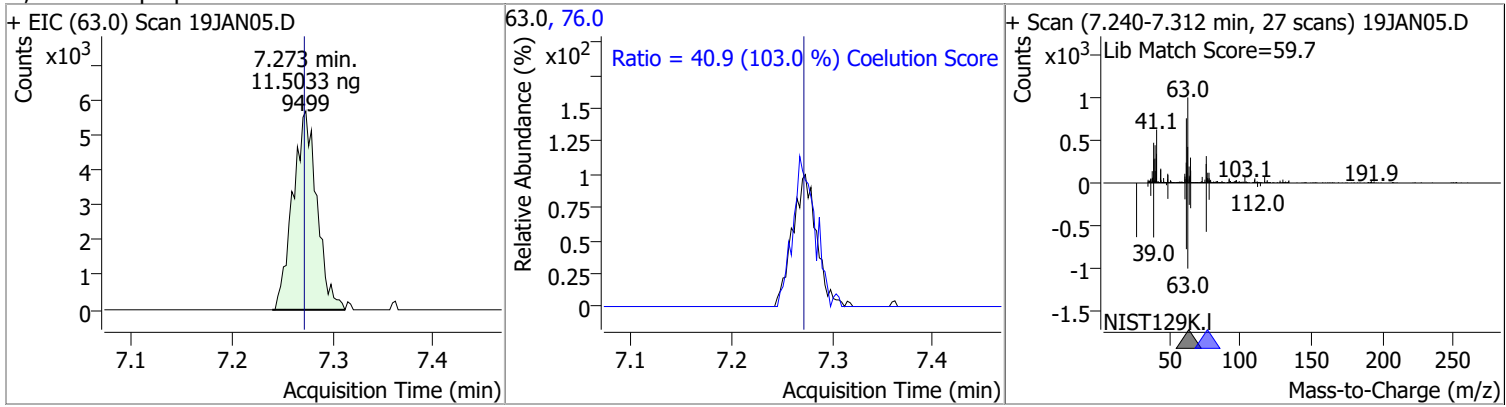


Quantitation Results Report (QT Reviewed)

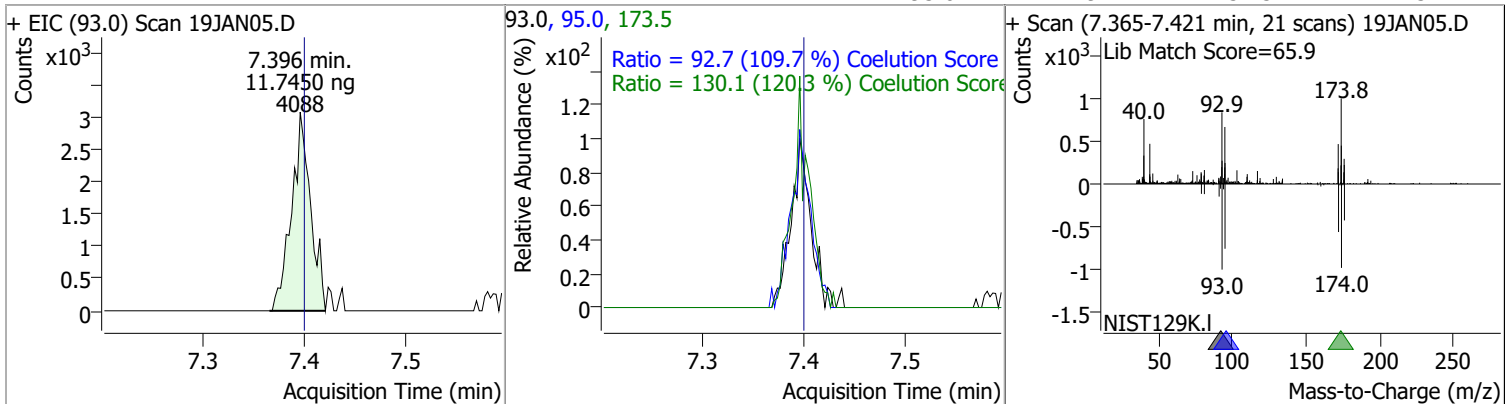
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|------|----------|-------|-------|--------|-------|-------|
| Trichloroethene | 11.6577 | 7.02 | 0.00 | 10949 | 130.0 | 110.1 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.5 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloropropane | 11.5033 | 7.27 | 0.00 | 9499 | 76.0 | 40.9 | 9.8 | 69.8 |

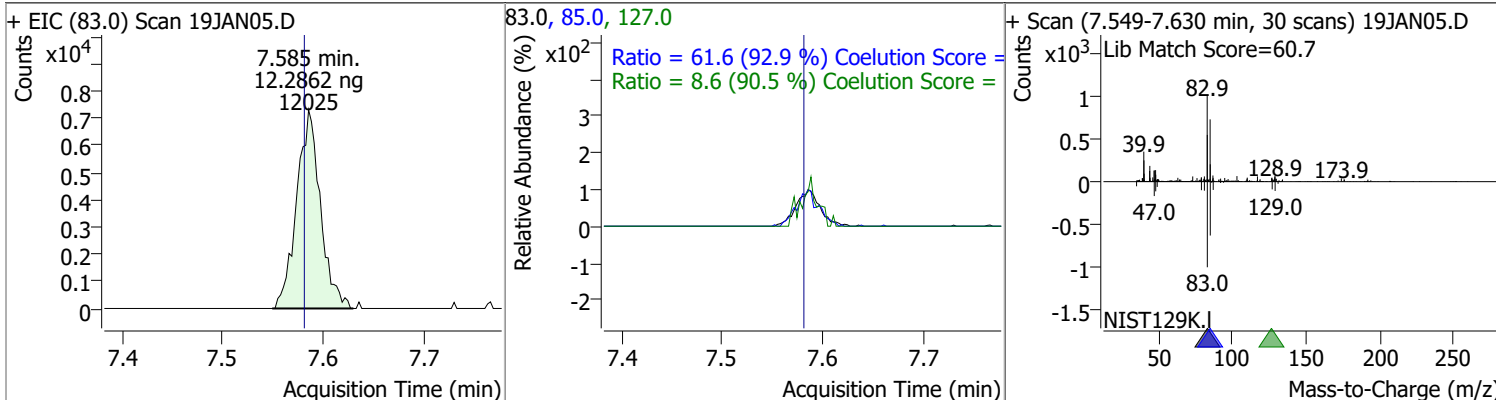


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|---------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 11.7450 | 7.40 | 0.00 | 4088 | 173.5 | 130.1 | 78.2 | 138.2 |
| | | | | | 95.0 | 92.7 | 54.5 | 114.5 |

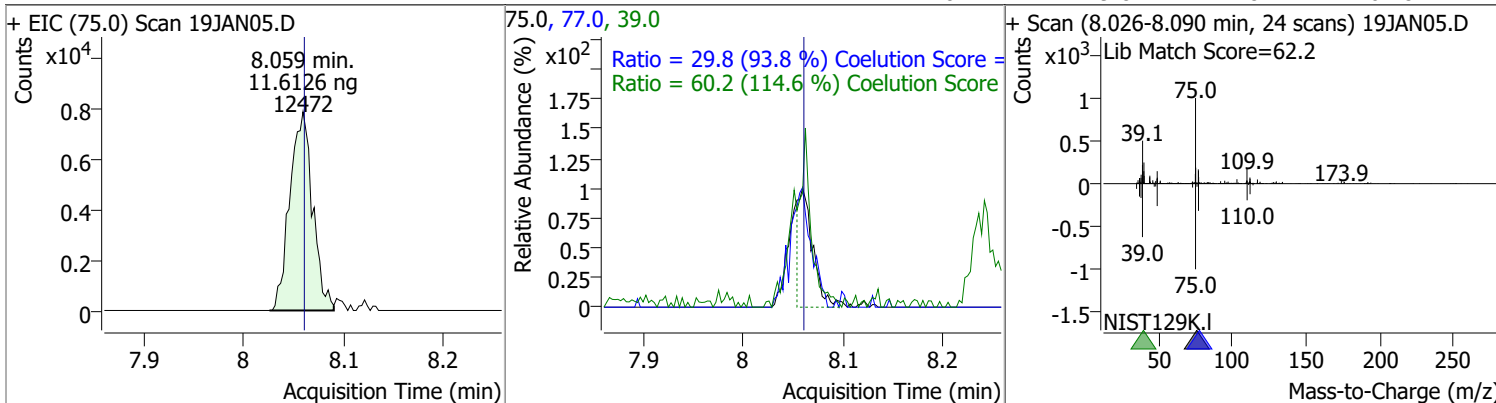


Quantitation Results Report (QT Reviewed)

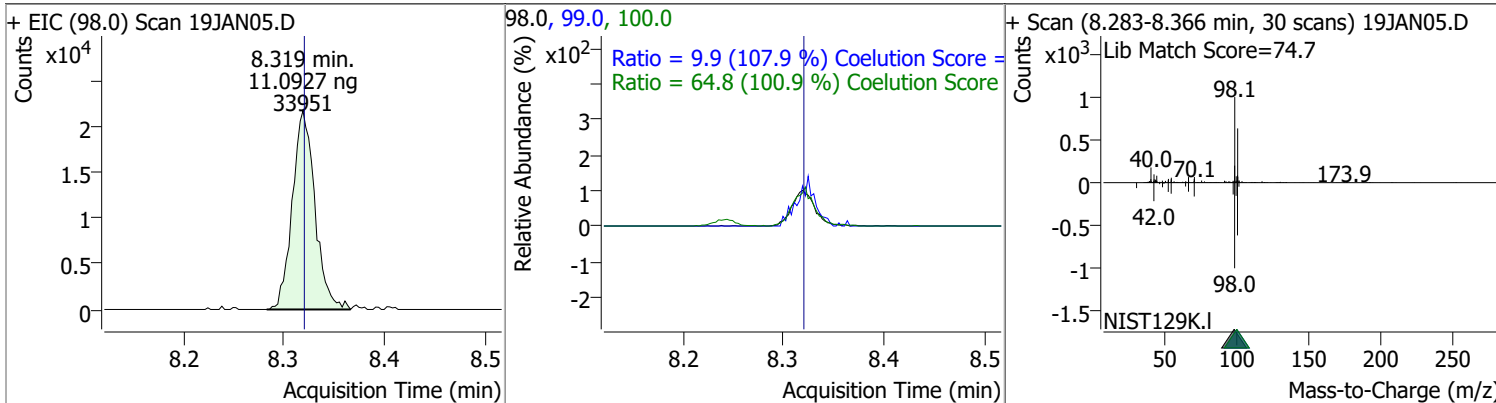
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Bromodichloromethane | 12.2862 | 7.59 | 0.01 | 12025 | 85.0 | 61.6 | 36.3 | 96.3 |
| | | | | | 127.0 | 8.6 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 11.6126 | 8.06 | 0.00 | 12472 | 39.0 | 60.2 | 22.5 | 82.5 |
| | | | | | 77.0 | 29.8 | 1.8 | 61.8 |

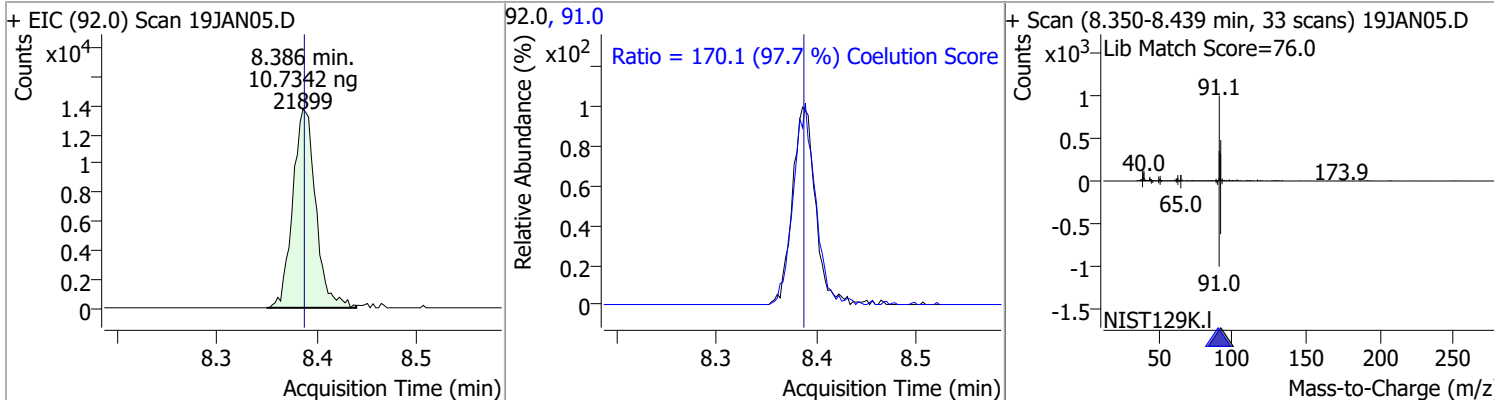


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|---------|------|----------|-------|-------|--------|-------|-------|
| Toluene-d8 | 11.0927 | 8.32 | 0.00 | 33951 | 100.0 | 64.8 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.9 | 0.0 | 39.2 |

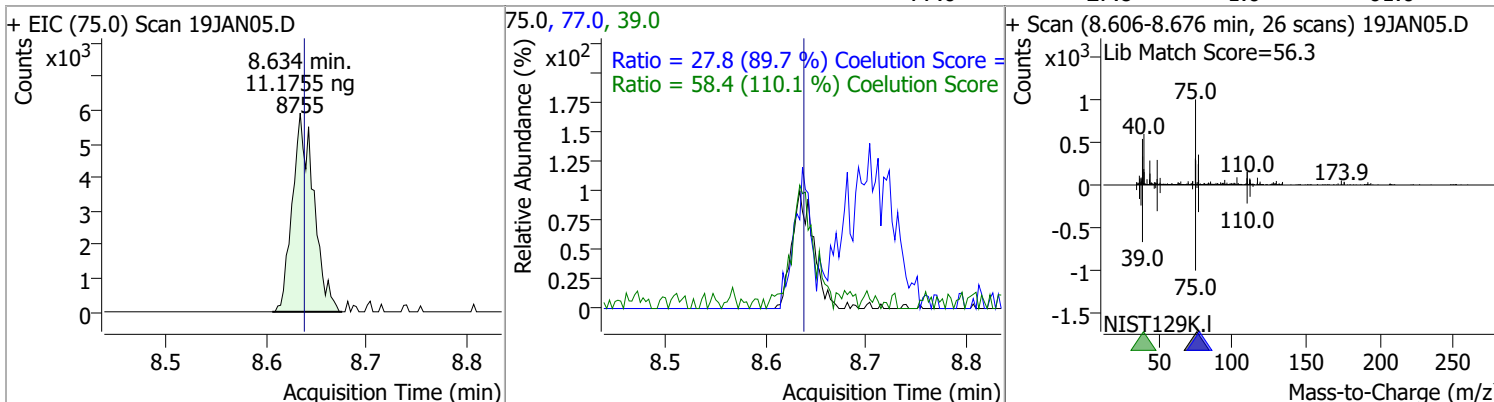


Quantitation Results Report (QT Reviewed)

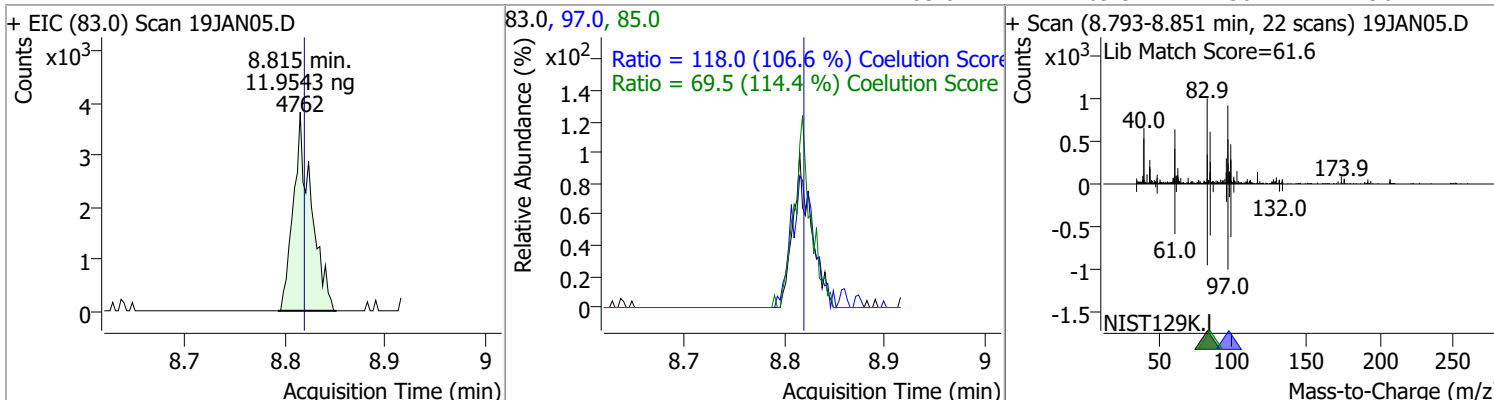
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|------|----------|-------|------|--------|-------|-------|
| Toluene | 10.7342 | 8.39 | 0.00 | 21899 | 91.0 | 170.1 | 144.1 | 204.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|---------|------|----------|-------|------|--------|-------|-------|
| trans-1,3-Dichloropropene | 11.1755 | 8.63 | 0.00 | 8755 | 39.0 | 58.4 | 23.0 | 83.0 |
| | | | | | 77.0 | 27.8 | 1.0 | 61.0 |

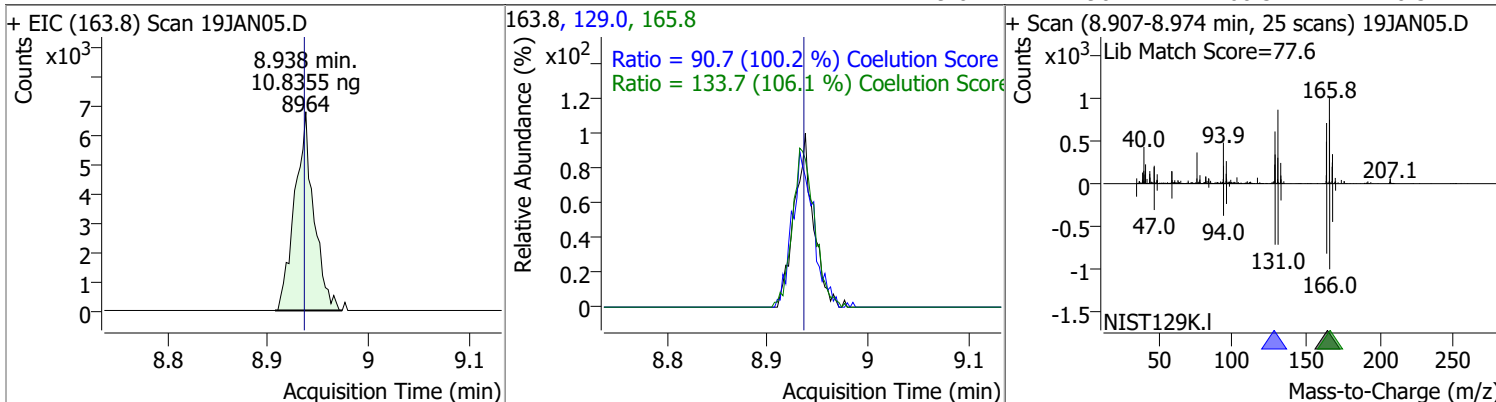


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1,2-Trichloroethane | 11.9543 | 8.82 | 0.00 | 4762 | 97.0 | 118.0 | 80.7 | 140.7 |
| | | | | | 85.0 | 69.5 | 30.7 | 90.7 |

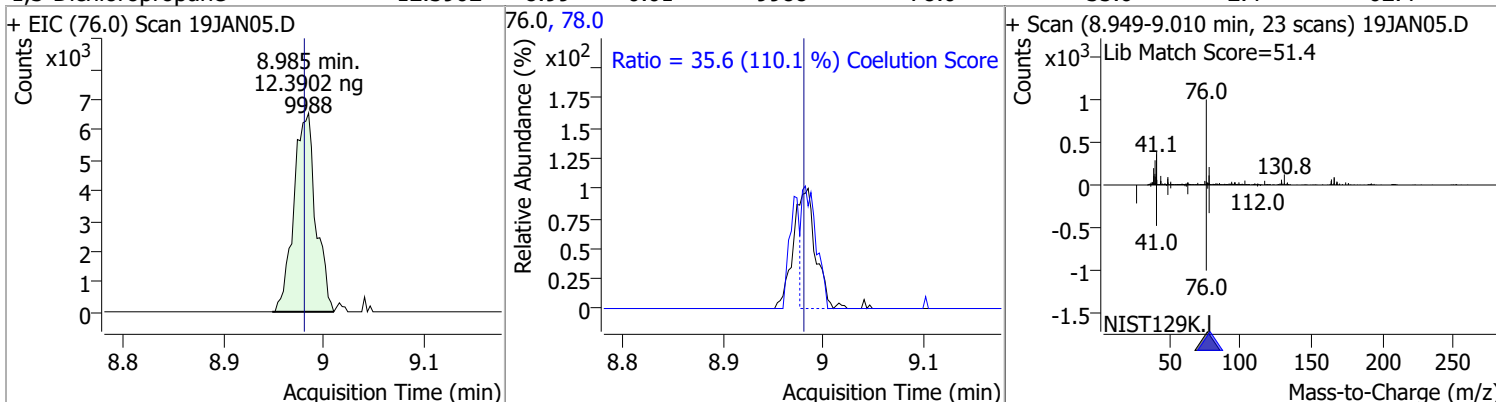


Quantitation Results Report (QT Reviewed)

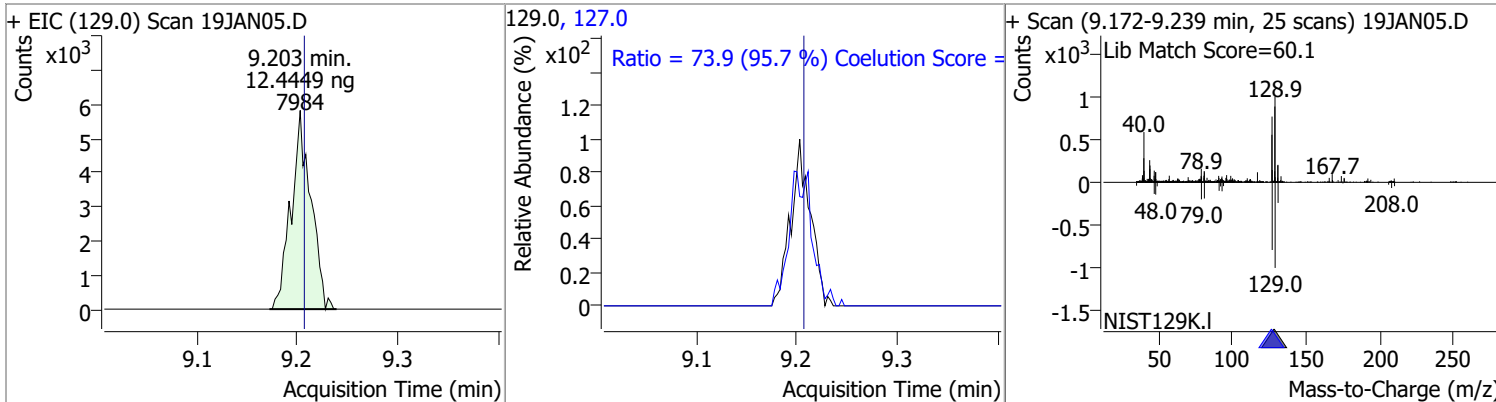
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Tetrachloroethene | 10.8355 | 8.94 | 0.00 | 8964 | 165.8 | 133.7 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.7 | 60.5 | 120.5 |



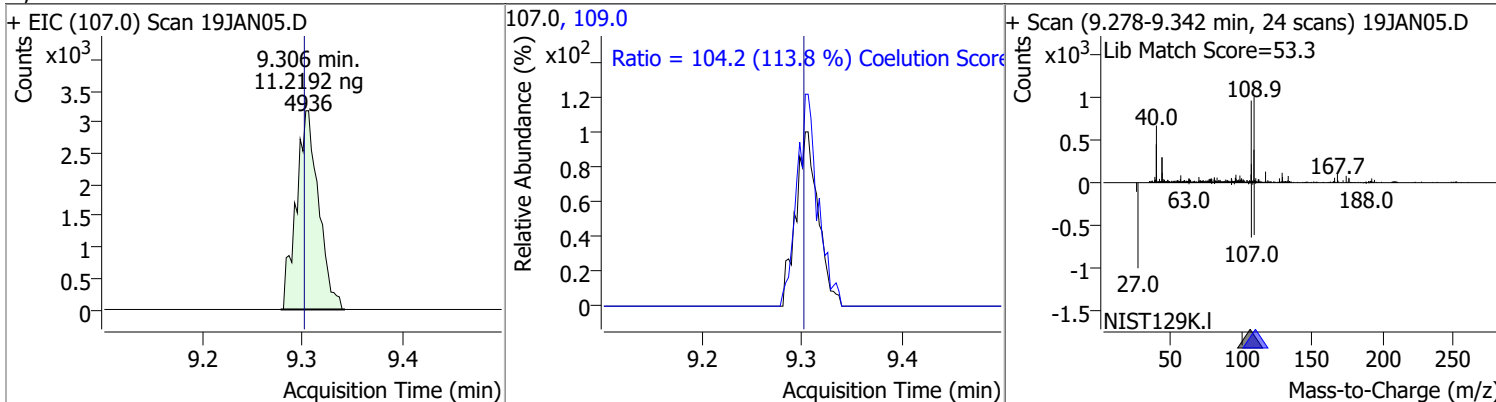
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,3-Dichloropropane | 12.3902 | 8.99 | 0.01 | 9988 | 78.0 | 35.6 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 12.4449 | 9.20 | 0.00 | 7984 | 127.0 | 73.9 | 47.2 | 107.2 |



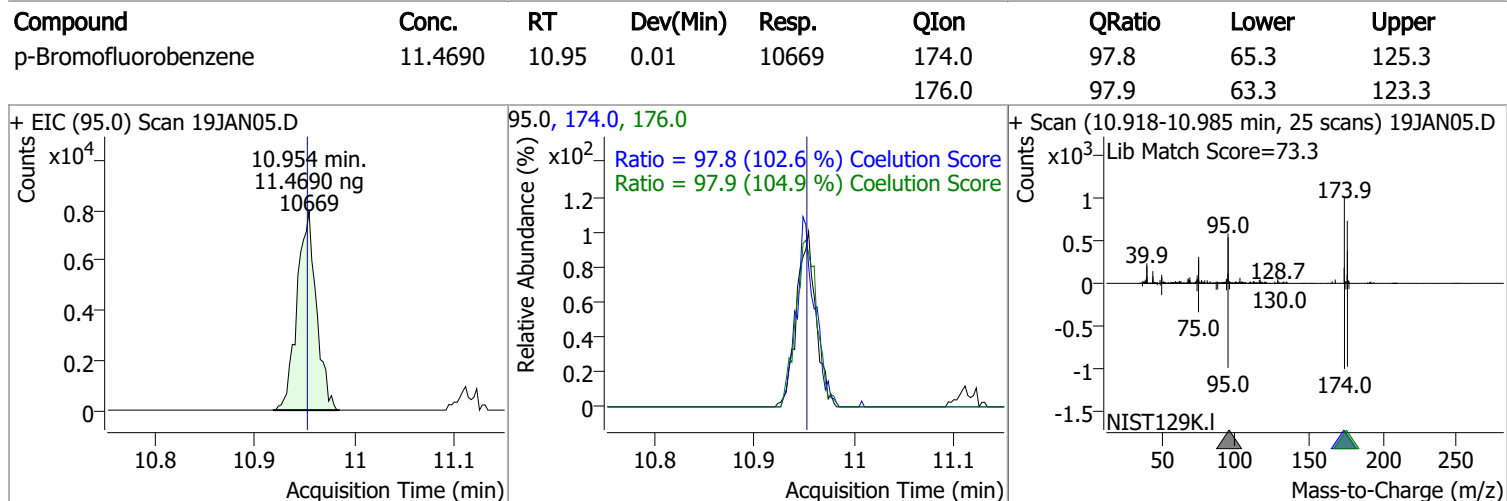
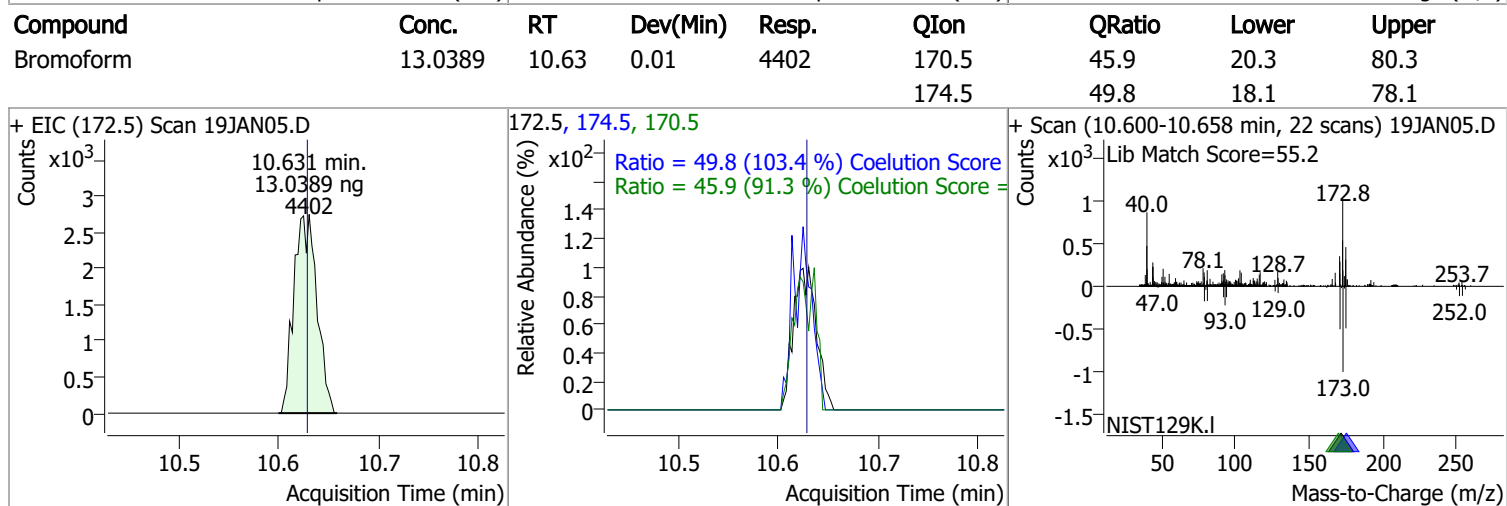
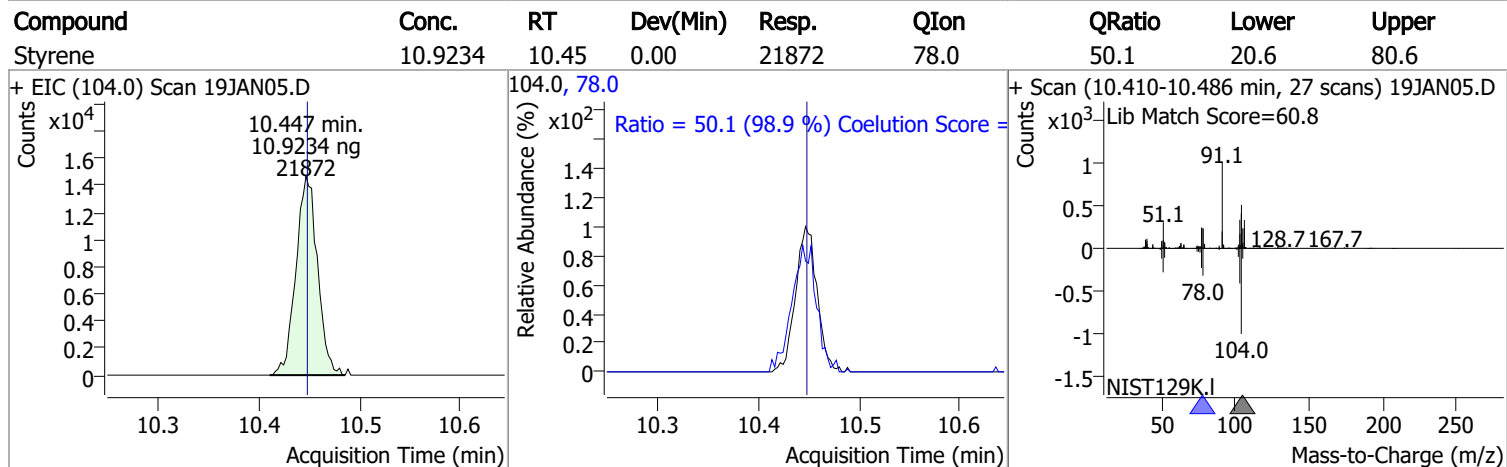
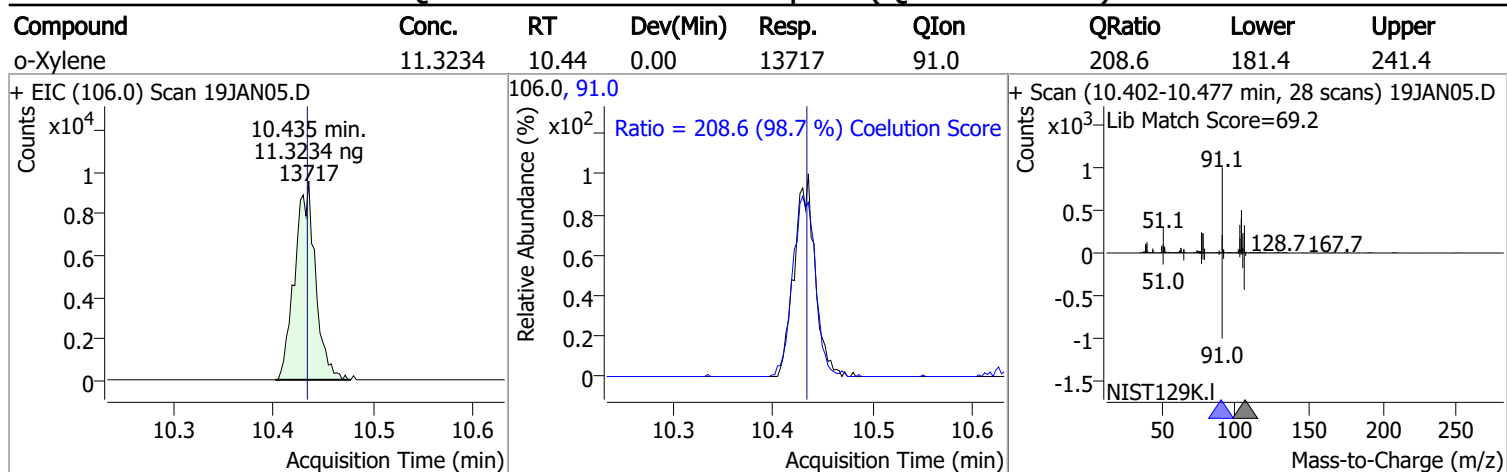
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 11.2192 | 9.31 | 0.01 | 4936 | 109.0 | 104.2 | 61.5 | 121.5 |



Quantitation Results Report (QT Reviewed)

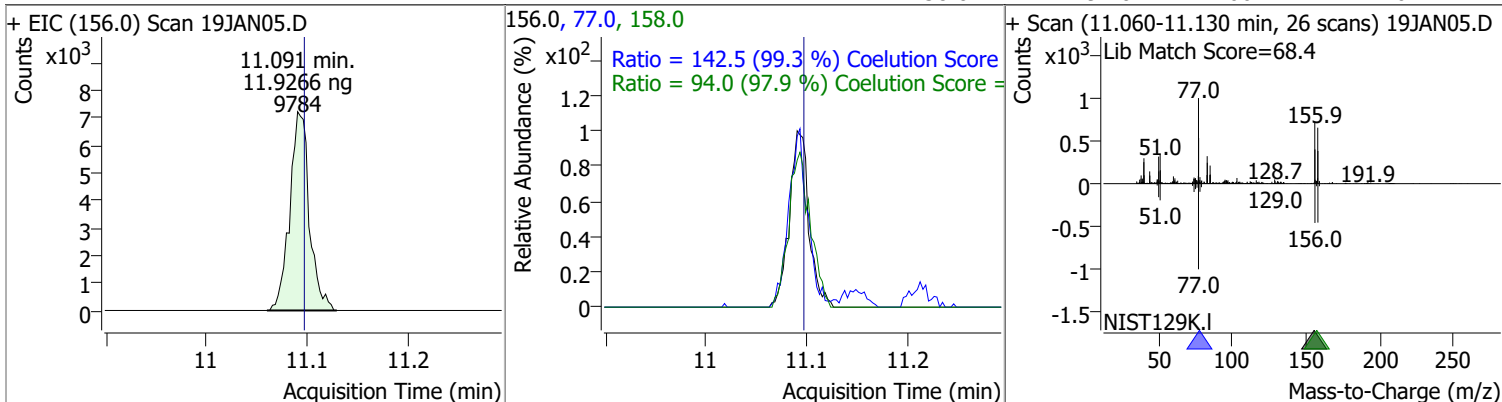
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|---------|-------|--------------|-------|-------|--|-------|-------|
| Chlorobenzene | 11.9332 | 9.80 | 0.00 | 26688 | 114.0 | 30.2 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN05.D | | | 112.0, 114.0 | | | + Scan (9.763-9.855 min, 34 scans) 19JAN05.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 12.0378 | 9.89 | 0.00 | 9446 | 133.0 | 89.9 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN05.D | | | 131.0, 133.0 | | | + Scan (9.861-9.925 min, 24 scans) 19JAN05.D | | |
| | | | | | | | | |
| Ethylbenzene | 11.9196 | 9.91 | -0.01 | 42980 | 106.0 | 28.9 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN05.D | | | 91.0, 106.0 | | | + Scan (9.883-9.961 min, 29 scans) 19JAN05.D | | |
| | | | | | | | | |
| m+p-Xylenes | 22.1645 | 10.04 | 0.00 | 31103 | 91.0 | 201.2 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN05.D | | | 106.0, 91.0 | | | + Scan (10.003-10.076 min, 27 scans) 19JAN05.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

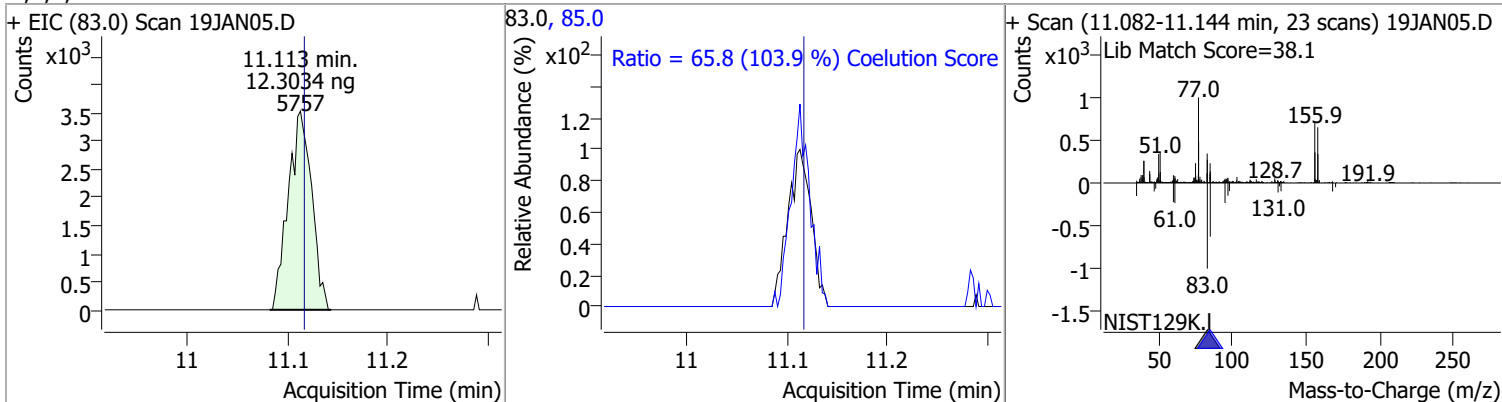


Quantitation Results Report (QT Reviewed)

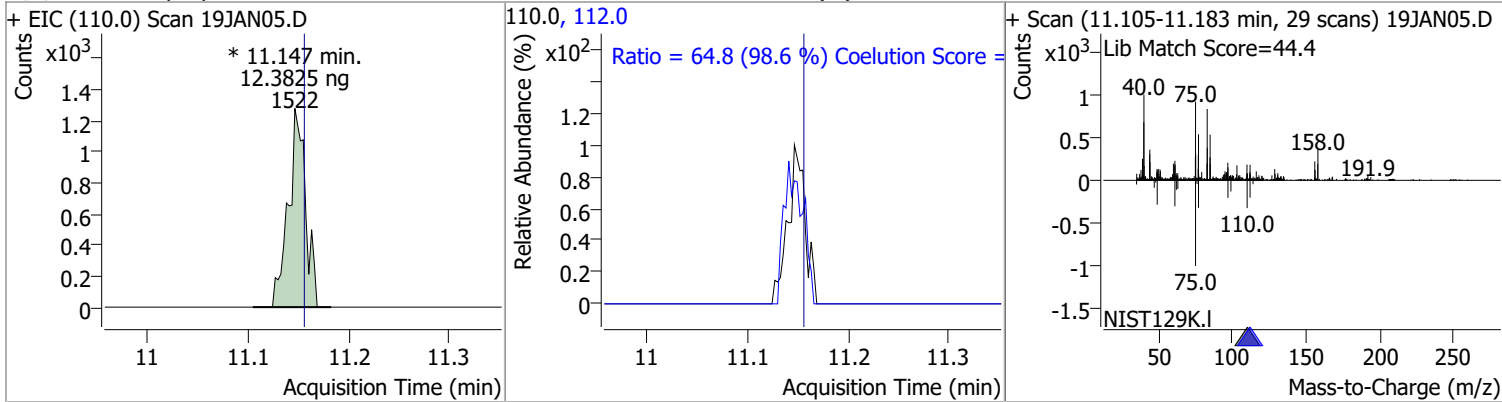
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|-------|----------|-------|-------|--------|-------|-------|
| Bromobenzene | 11.9266 | 11.09 | 0.00 | 9784 | 77.0 | 142.5 | 113.5 | 173.5 |
| | | | | | 158.0 | 94.0 | 66.1 | 126.1 |



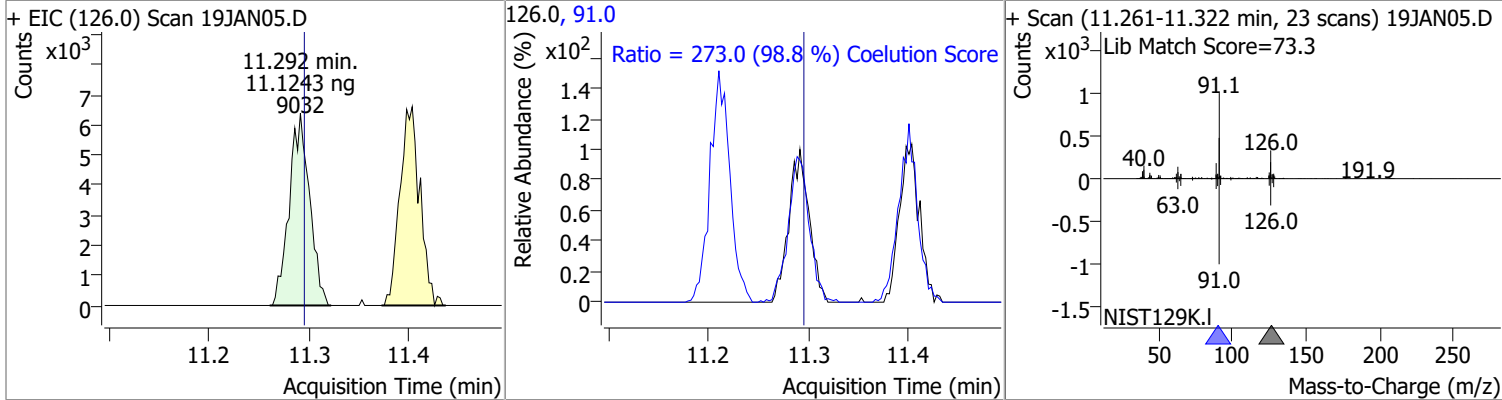
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|---------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 12.3034 | 11.11 | 0.00 | 5757 | 85.0 | 65.8 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|-------|----------|----------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 12.3825 | 11.15 | -0.01 | 1522 (m) | 112.0 | 64.8 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|-------|----------|-------|------|--------|-------|-------|
| 2-Chlorotoluene | 11.1243 | 11.29 | 0.00 | 9032 | 91.0 | 273.0 | 246.2 | 306.2 |

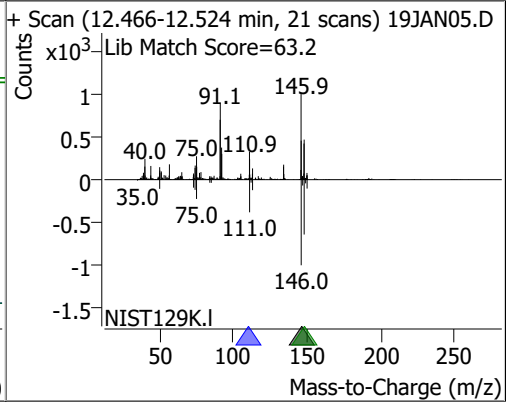
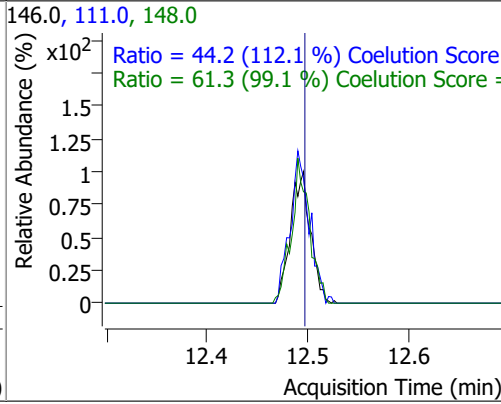
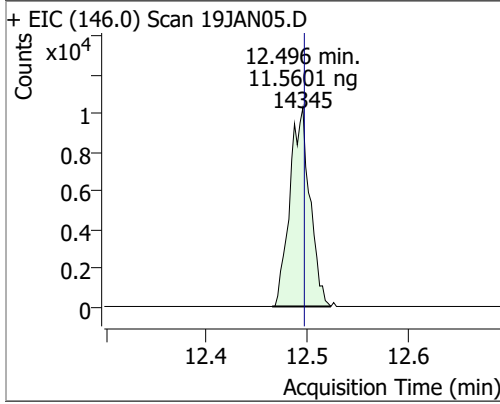


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|---------|-------|---------------------|-------|-------|--|-------|-------|
| 4-Chlorotoluene | 10.2102 | 11.40 | 0.00 | 26850 | 126.0 | 34.3 | 1.3 | 61.3 |
| + EIC (91.0) Scan 19JAN05.D | | | 91.0, 126.0 | | | + Scan (11.361-11.437 min, 28 scans) 19JAN05.D | | |
| | | | | | | | | |
| 1,3-Dichlorobenzene | 11.5123 | 12.03 | 0.00 | 17111 | 148.0 | 66.3 | 32.8 | 92.8 |
| + EIC (146.0) Scan 19JAN05.D | | | 146.0, 111.0, 148.0 | | | + Scan (11.997-12.067 min, 25 scans) 19JAN05.D | | |
| | | | | | | | | |
| 1,4-Dichlorobenzene | 11.7008 | 12.13 | 0.00 | 17730 | 148.0 | 75.2 | 33.7 | 93.7 |
| + EIC (146.0) Scan 19JAN05.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.092-12.159 min, 25 scans) 19JAN05.D | | |
| | | | | | | | | |

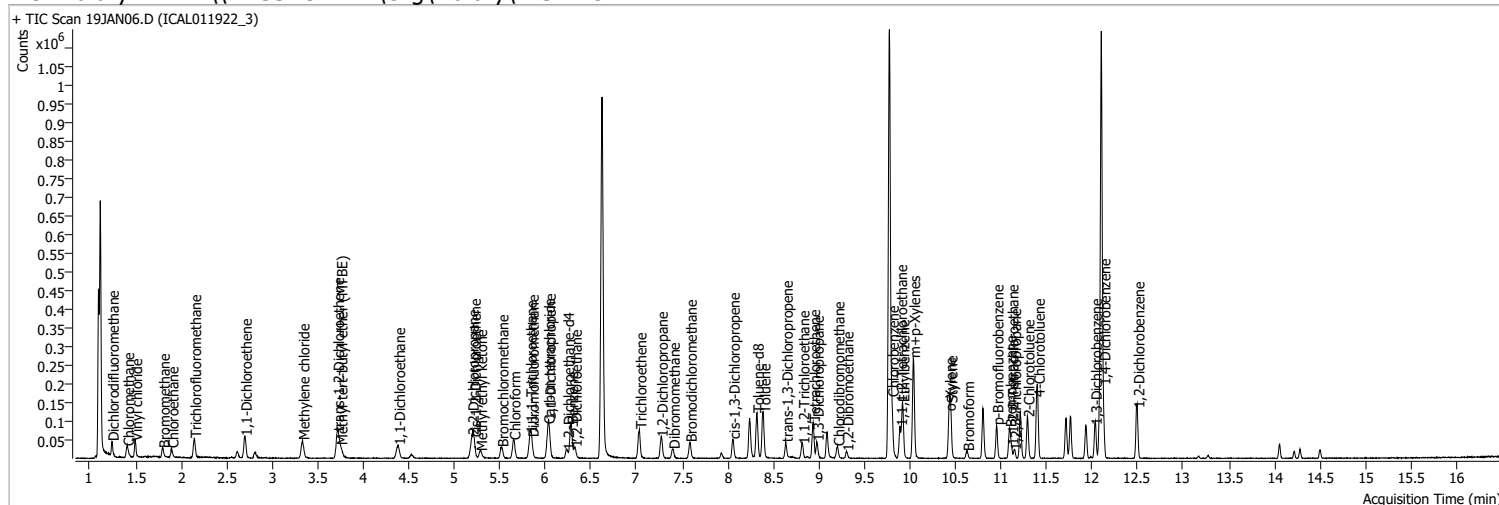
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 11.5601 | 12.50 | 0.00 | 14345 | 148.0 | 61.3 | 31.9 | 91.9 |
| | | | | | 111.0 | 44.2 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN06.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 11:42:44 AM |
| Sample Name | ICAL011922_3 | Instrument | VOA5975C |
| Vial | 6 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|----------|----|------|-------|-------|-------|----------|
|----------|----|------|-------|-------|-------|----------|

Internal Standards

| | | | | | | |
|--------------------------|--------|-------|--------|----------|----|-------|
| M Fluorobenzene | 6.620 | 96.0 | 818509 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 321094 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 258693 | 250.0000 | ng | 0.000 |

System Monitoring Compounds

| | | | | | | |
|-------------------------|----------------------|-------|-------|-------------------|----|-------|
| S Dibromofluoromethane | 5.851 | 113.0 | 19834 | 25.0179 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 10.01% | * | |
| S 1,2-Dichloroethane-d4 | 6.238 | 67.0 | 8619 | 25.1675 | ng | 0.008 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 10.07% | * | |
| S Toluene-d8 | 8.319 | 98.0 | 72066 | 23.0053 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 9.20% | * | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 23160 | 24.2474 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 9.70% | * | |

Target Compounds

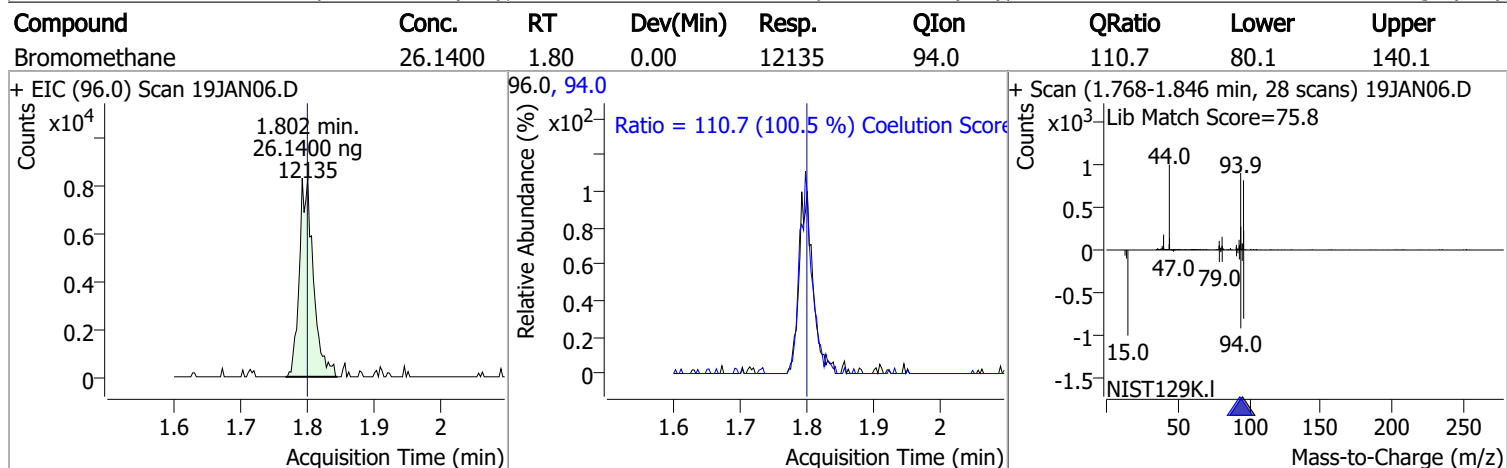
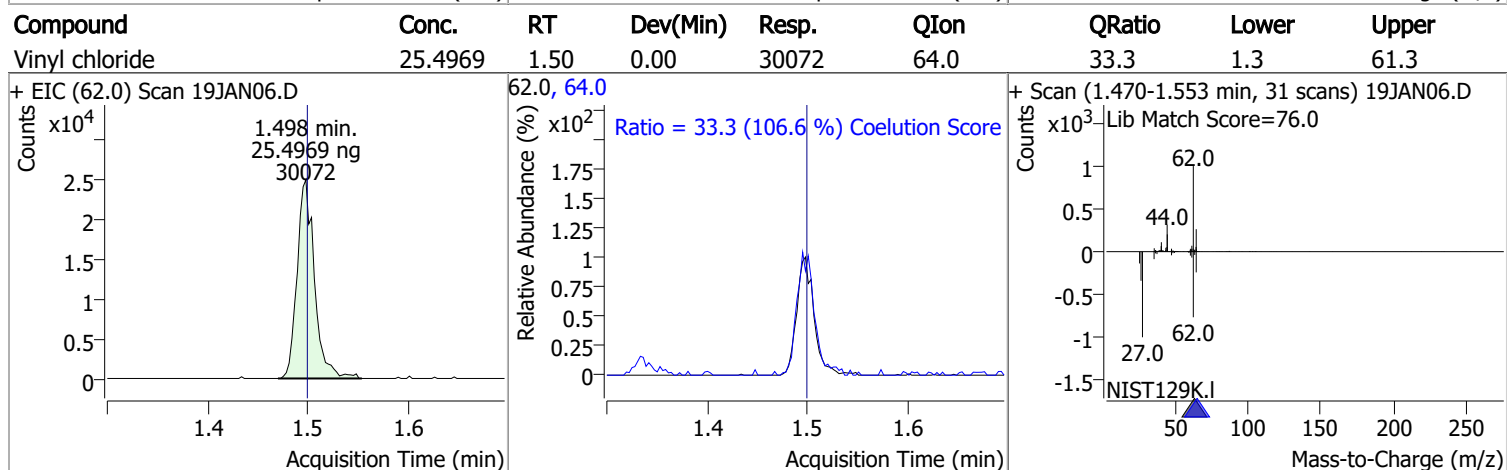
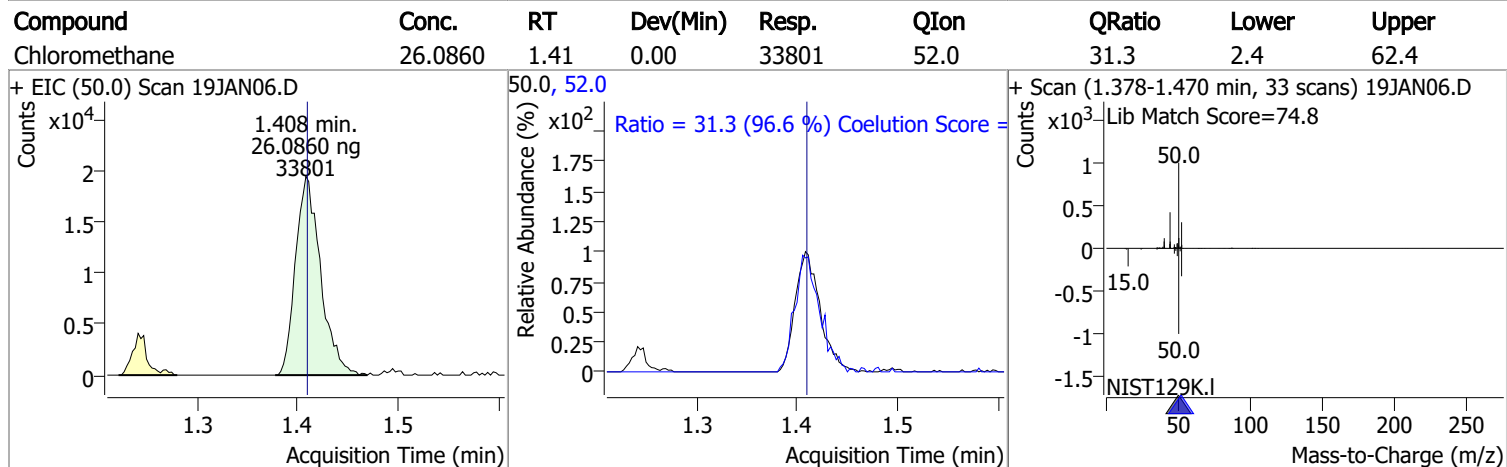
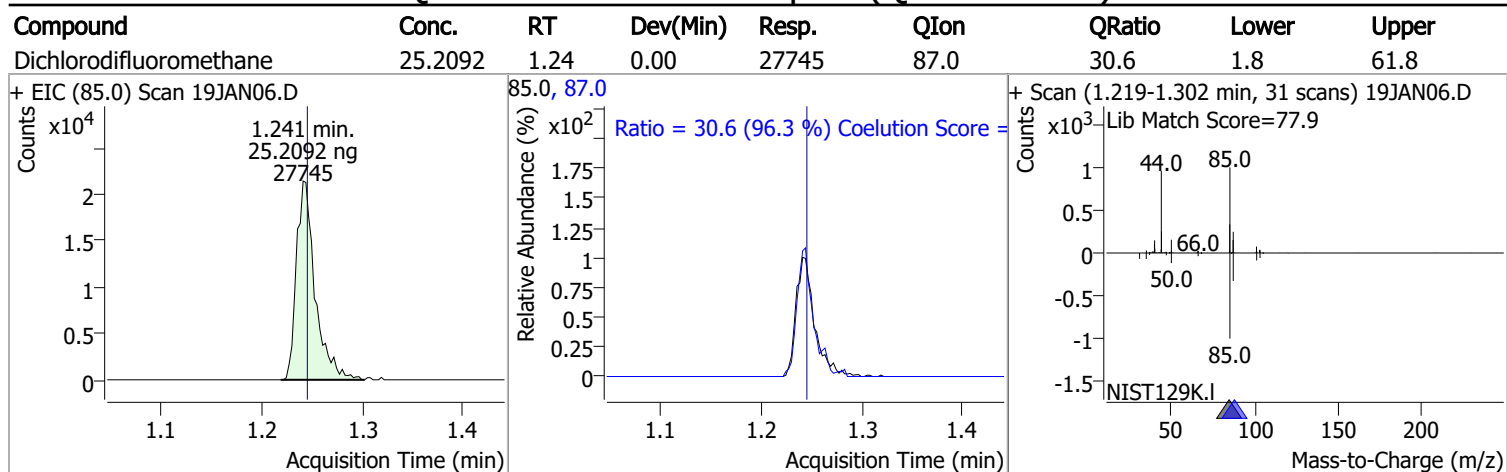
| Compound | RT | QIon | Resp. | Conc. | Units | QValue |
|----------------------------------|-------|-------|-------|----------|-------|--------|
| T Dichlorodifluoromethane | 1.241 | 85.0 | 27745 | 25.2092 | ng | 98 |
| T Chloromethane | 1.408 | 50.0 | 33801 | 26.0860 | ng | 98 |
| T Vinyl chloride | 1.498 | 62.0 | 30072 | 25.4969 | ng | 96 |
| T Bromomethane | 1.802 | 96.0 | 12135 | 26.1400 | ng | 99 |
| T Chloroethane | 1.896 | 64.0 | 15096 | 27.0532 | ng | 98 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 35936 | 25.4088 | ng | 97 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 20674 | 25.1221 | ng | 99 |
| T Methylene chloride | 3.333 | 49.0 | 32623 | 27.2657 | ng | 99 |
| T trans-1,2-Dichloroethene | 3.715 | 96.0 | 21348 | 25.1112 | ng | 97 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 24989 | 23.5175 | ng | 96 |
| T 1,1-Dichloroethane | 4.384 | 63.0 | 40298 | 25.3277 | ng | 98 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 30539 | 25.4695 | ng | 99 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 20810 | 24.1758 | ng | 95 |
| T Methyl ethyl ketone | 5.282 | 43.0 | 28861 | 232.0088 | ng | 100 |
| T Bromochloromethane | 5.519 | 128.0 | 8977 | 25.2940 | ng | 100 |
| T Chloroform | 5.647 | 83.0 | 38158 | 24.0194 | ng | 100 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|-------|---------|-------|----------|
| T 1,1,1-Trichloroethane | 5.828 | 97.0 | 36046 | 24.5919 | ng | 99 |
| T Carbon tetrachloride | 6.026 | 117.0 | 34965 | 24.5955 | ng | 99 |
| T 1,1-Dichloropropene | 6.035 | 75.0 | 27641 | 23.2550 | ng | 96 |
| T Benzene | 6.283 | 78.0 | 76658 | 23.4442 | ng | 97 |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 21778 | 24.1139 | ng | 99 |
| T Trichloroethene | 7.030 | 95.0 | 23390 | 24.3322 | ng | 93 |
| T 1,2-Dichloropropane | 7.267 | 63.0 | 20331 | 24.0555 | ng | 97 |
| T Dibromomethane | 7.398 | 93.0 | 9095 | 25.5304 | ng | 100 |
| T Bromodichloromethane | 7.585 | 83.0 | 24925 | 24.8816 | ng | 100 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 24965 | 22.7111 | ng | 92 |
| T Toluene | 8.391 | 92.0 | 48441 | 23.1991 | ng | 99 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 18613 | 23.2136 | ng | 95 |
| T 1,1,2-Trichloroethane | 8.821 | 83.0 | 9780 | 23.9876 | ng | 92 |
| T Tetrachloroethene | 8.938 | 163.8 | 21156 | 24.9859 | ng | 96 |
| T 1,3-Dichloropropane | 8.977 | 76.0 | 20205 | 24.4891 | ng | 93 |
| T Chlorodibromomethane | 9.205 | 129.0 | 15826 | 24.1020 | ng | 100 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 11412 | 25.3431 | ng | 99 |
| T Chlorobenzene | 9.802 | 112.0 | 55632 | 24.3040 | ng | 98 |
| T 1,1,1,2-Tetrachloroethane | 9.891 | 131.0 | 19516 | 24.2998 | ng | 100 |
| T Ethylbenzene | 9.917 | 91.0 | 91590 | 24.0921 | ng | 99 |
| T m+p-Xylenes | 10.036 | 106.0 | 71705 | 47.5617 | ng | 98 |
| T o-Xylene | 10.427 | 106.0 | 30498 | 23.3834 | ng | 99 |
| T Styrene | 10.446 | 104.0 | 50294 | 23.2215 | ng | 98 |
| T Bromoform | 10.628 | 172.5 | 8920 | 25.7324 | ng | 96 |
| T Bromobenzene | 11.093 | 156.0 | 20364 | 24.1762 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.116 | 83.0 | 12137 | 25.2618 | ng | 99 |
| T 1,2,3-Trichloropropane | 11.144 | 110.0 | 3237 | 25.6435 | ng | 98 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 20511 | 24.6038 | ng | 95 |
| T 4-Chlorotoluene | 11.403 | 91.0 | 64162 | 23.7626 | ng | 97 |
| T 1,3-Dichlorobenzene | 12.028 | 146.0 | 37763 | 24.7445 | ng | 98 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 38799 | 24.9375 | ng | 90 |
| T 1,2-Dichlorobenzene | 12.496 | 146.0 | 31975 | 25.0956 | ng | 98 |

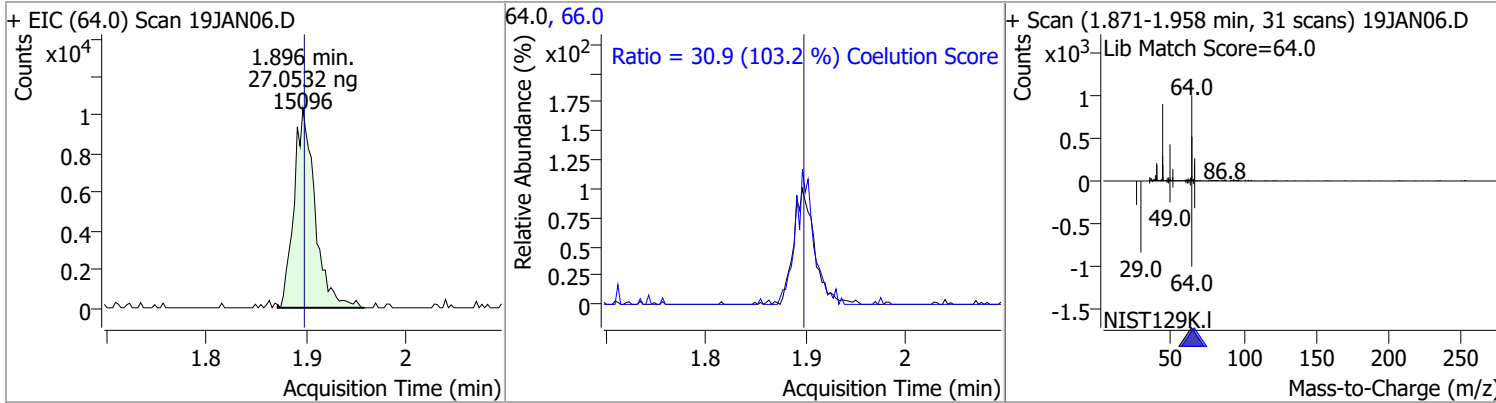
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

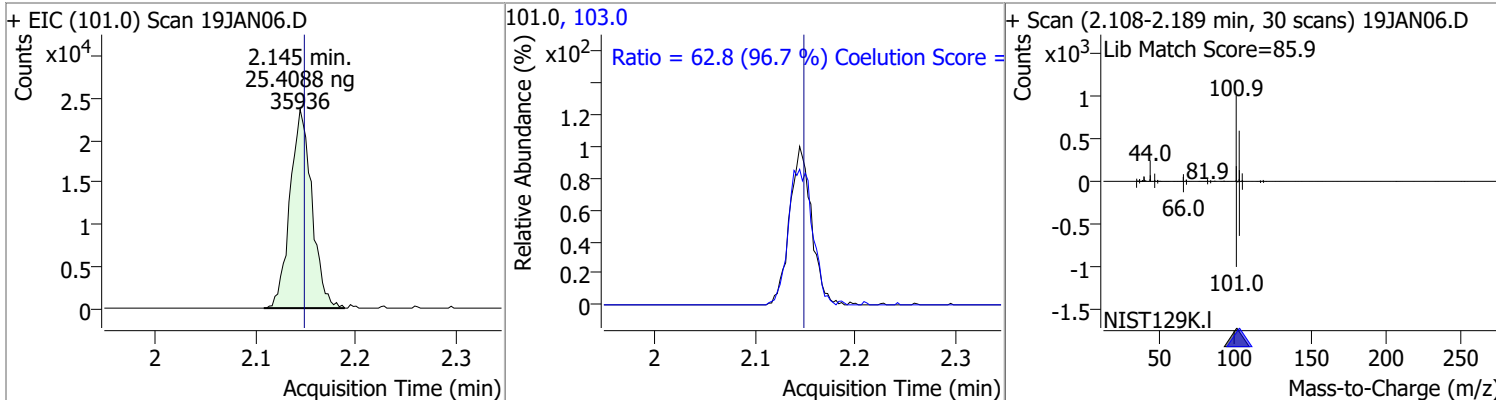


Quantitation Results Report (QT Reviewed)

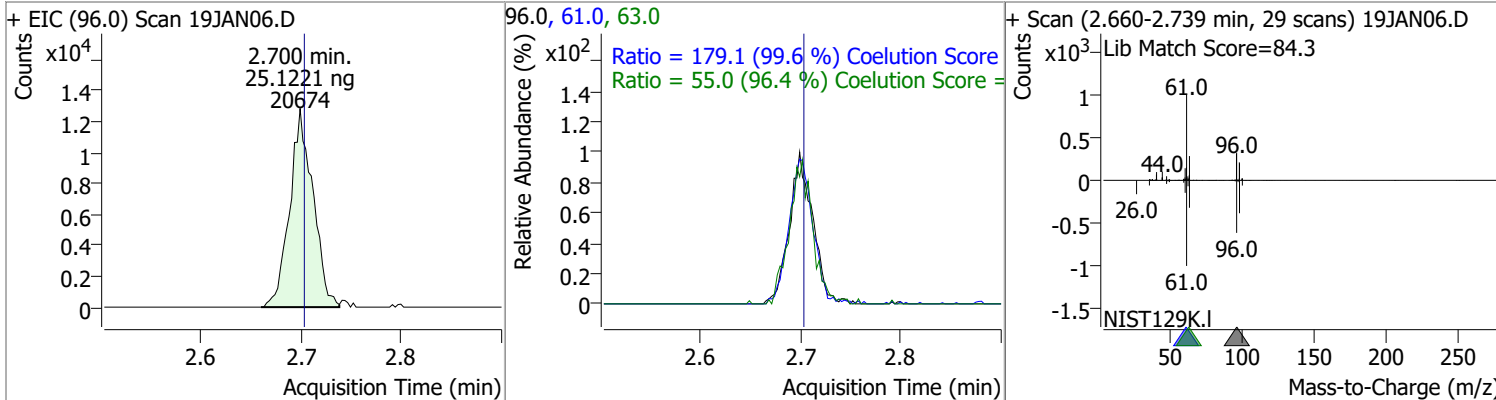
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 27.0532 | 1.90 | 0.00 | 15096 | 66.0 | 30.9 | 0.0 | 60.0 |



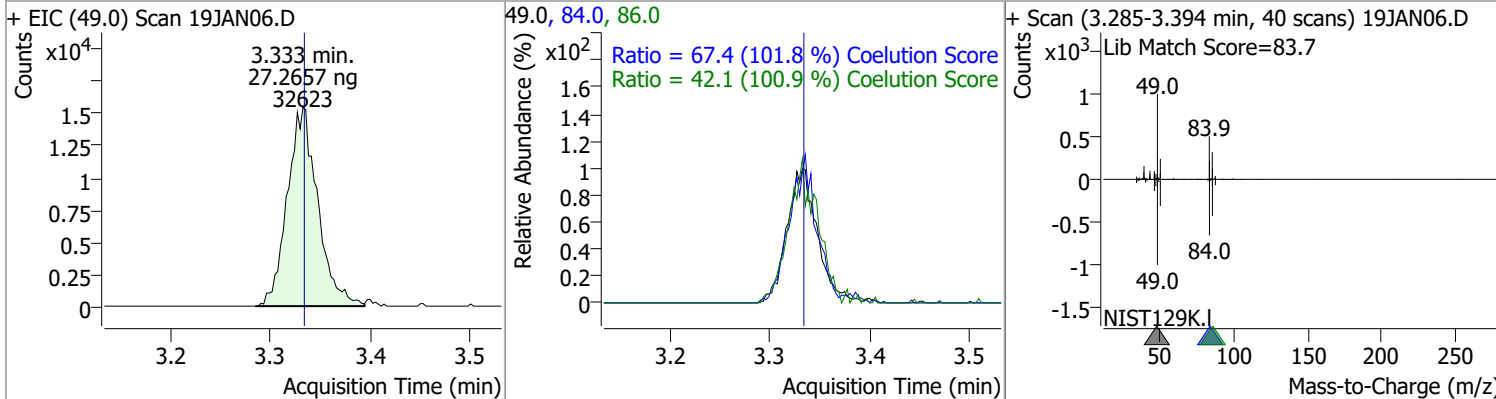
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Trichlorofluoromethane | 25.4088 | 2.14 | 0.00 | 35936 | 103.0 | 62.8 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1-Dichloroethene | 25.1221 | 2.70 | 0.00 | 20674 | 61.0 | 179.1 | 149.9 | 209.9 |
| | | | | | 63.0 | 55.0 | 27.0 | 87.0 |

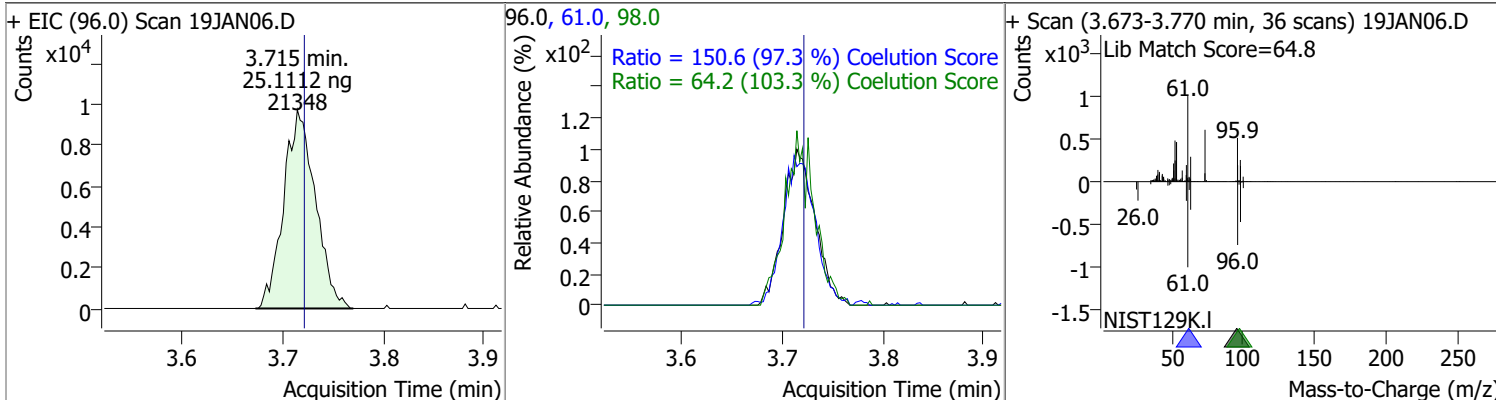


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| Methylene chloride | 27.2657 | 3.33 | 0.00 | 32623 | 84.0 | 67.4 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.1 | 11.8 | 71.8 |

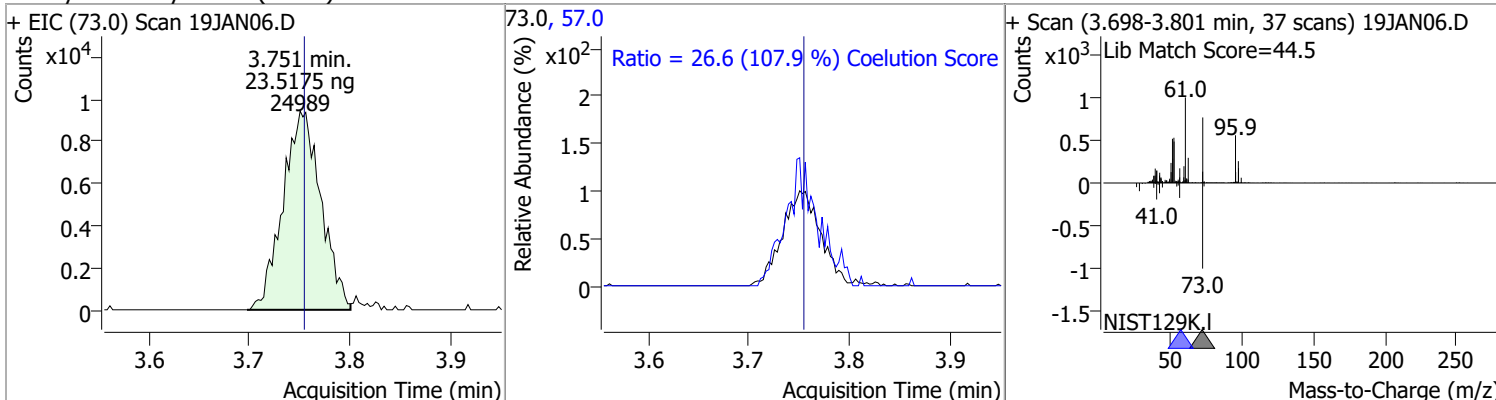


Quantitation Results Report (QT Reviewed)

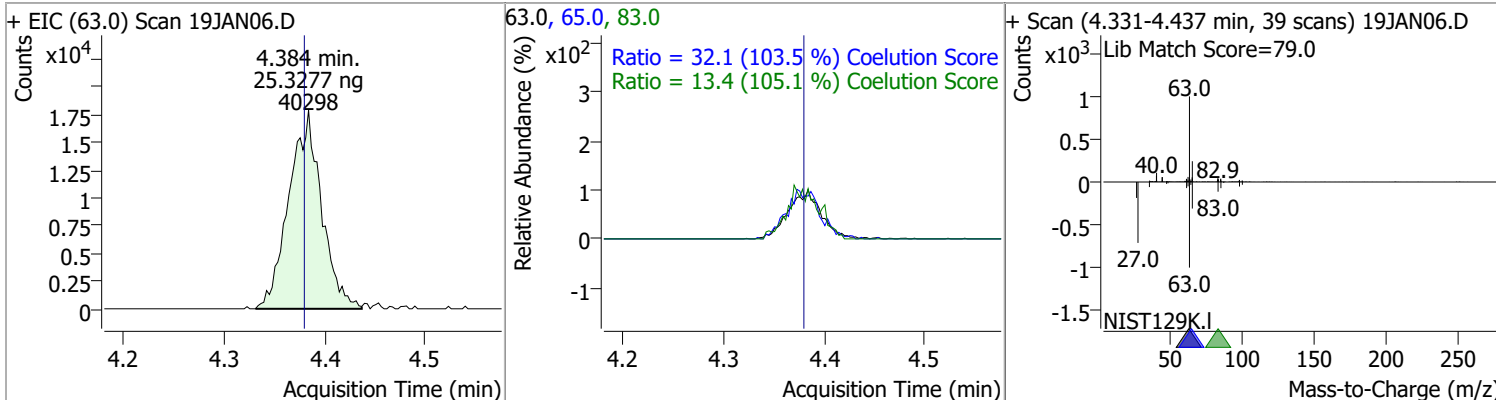
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|---------|------|----------|-------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 25.1112 | 3.71 | -0.01 | 21348 | 61.0 | 150.6 | 124.8 | 184.8 |
| | | | | | 98.0 | 64.2 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|---------|------|----------|-------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 23.5175 | 3.75 | 0.00 | 24989 | 57.0 | 26.6 | 0.0 | 54.6 |

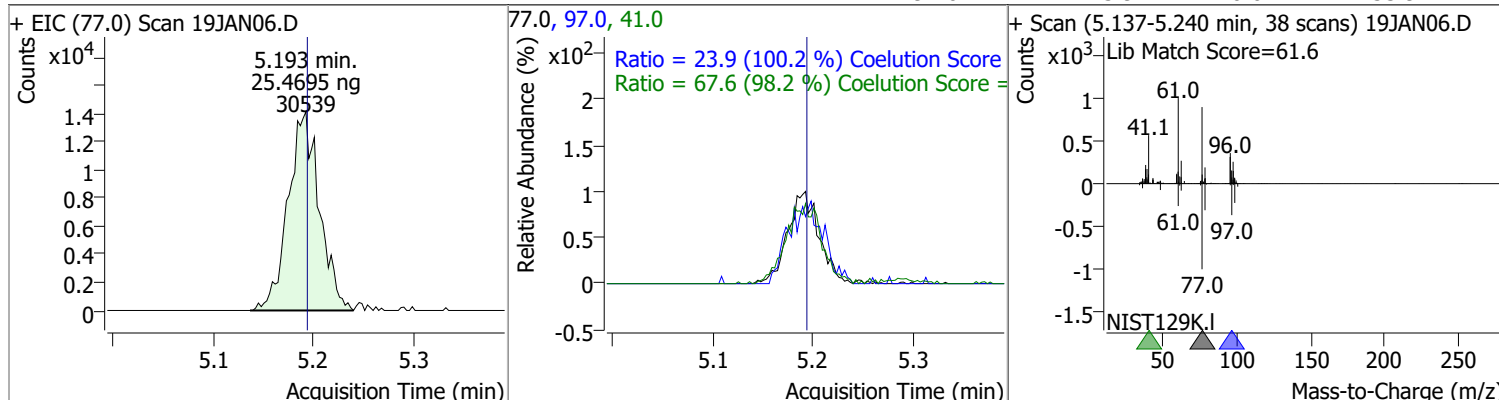


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1-Dichloroethane | 25.3277 | 4.38 | 0.01 | 40298 | 65.0 | 32.1 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.4 | 0.0 | 42.7 |

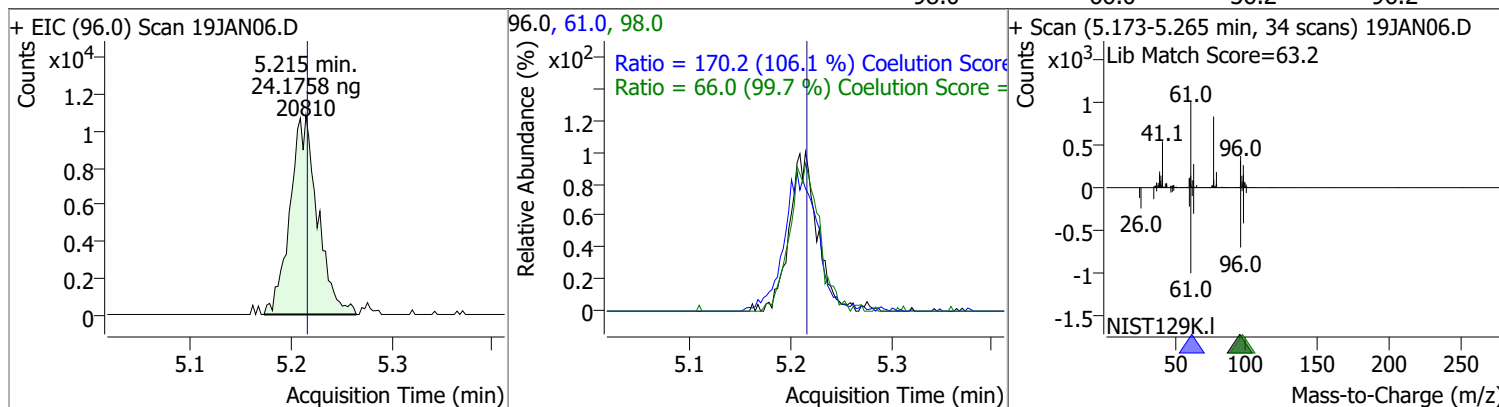


Quantitation Results Report (QT Reviewed)

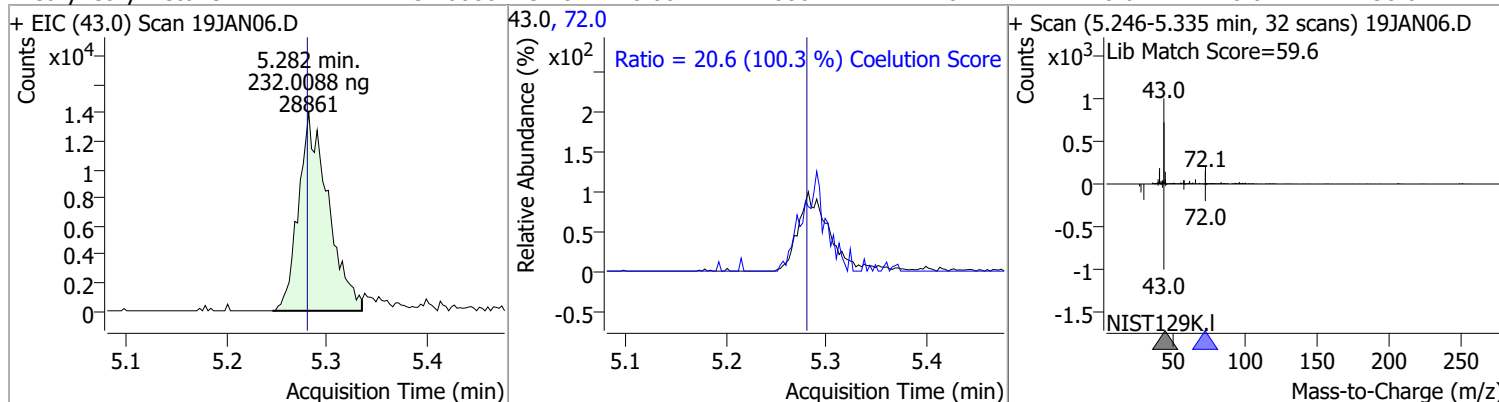
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 2,2-Dichloropropane | 25.4695 | 5.19 | 0.00 | 30539 | 41.0 | 67.6 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.9 | 0.0 | 53.9 |



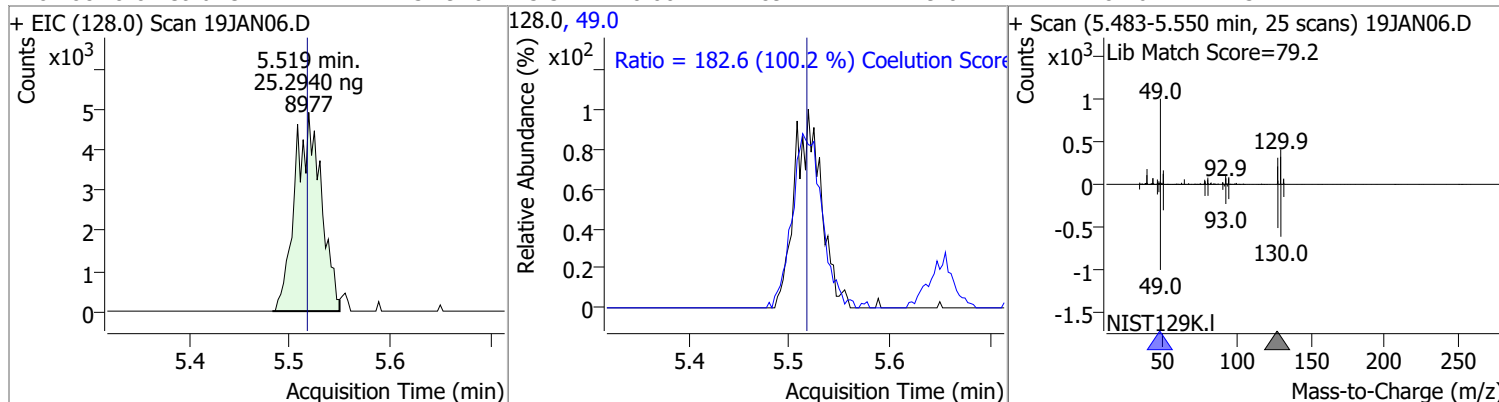
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 24.1758 | 5.21 | 0.00 | 20810 | 61.0 | 170.2 | 130.4 | 190.4 |
| | | | | | 98.0 | 66.0 | 36.2 | 96.2 |



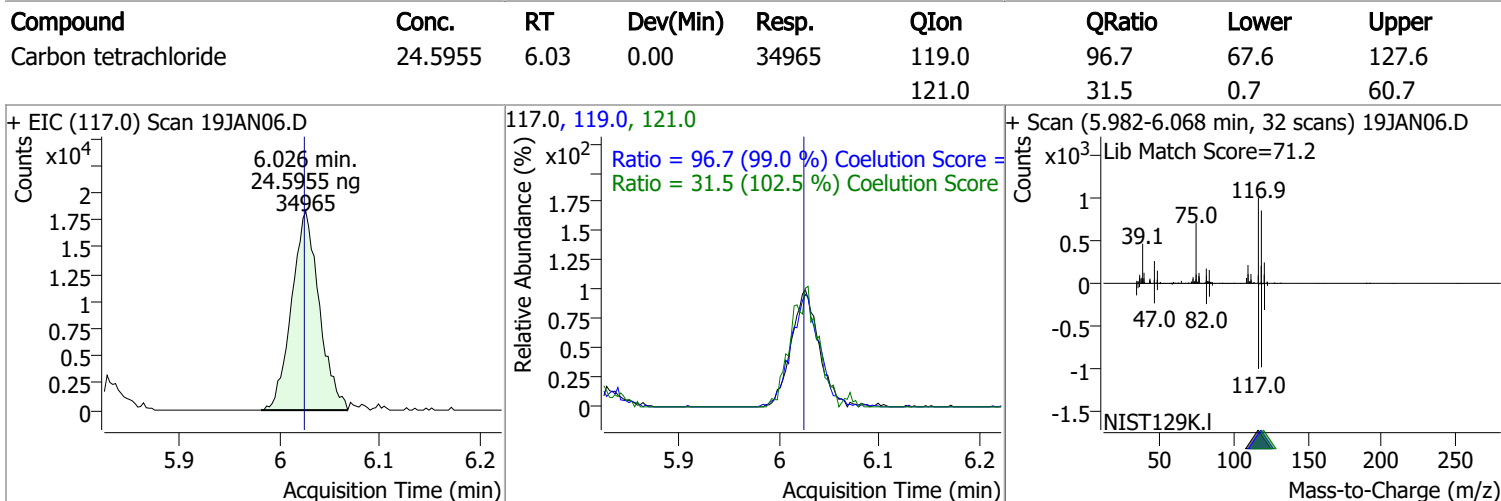
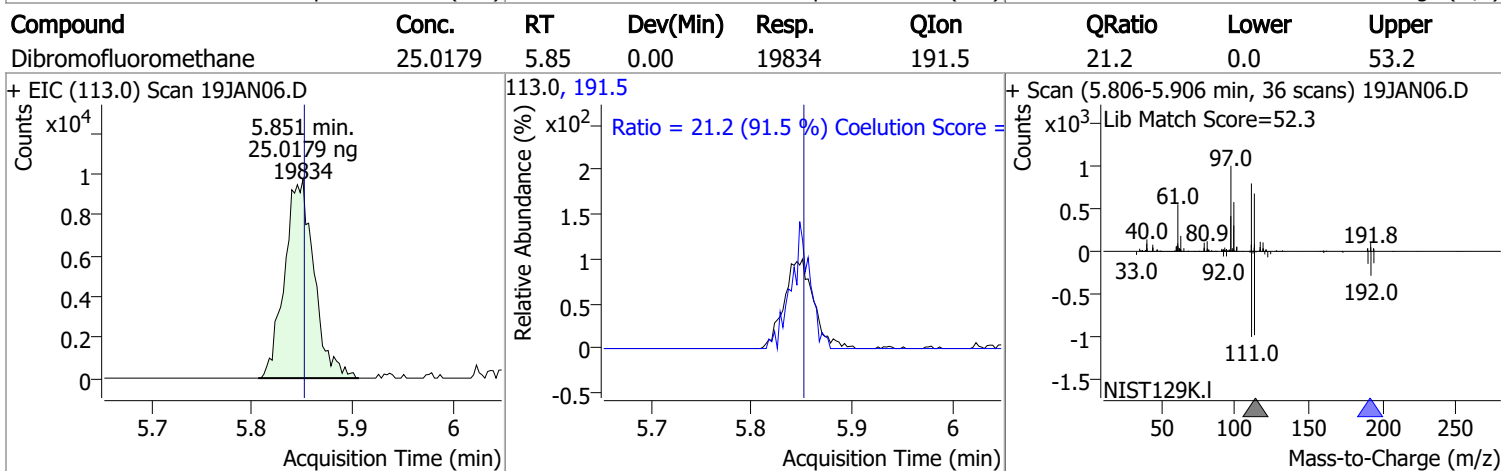
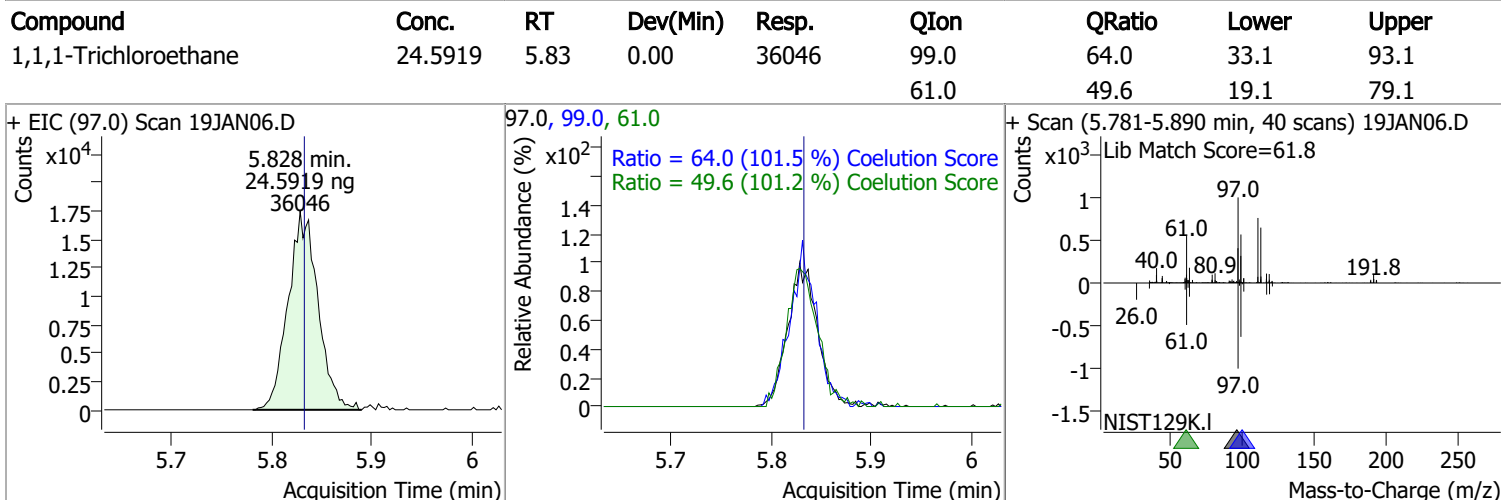
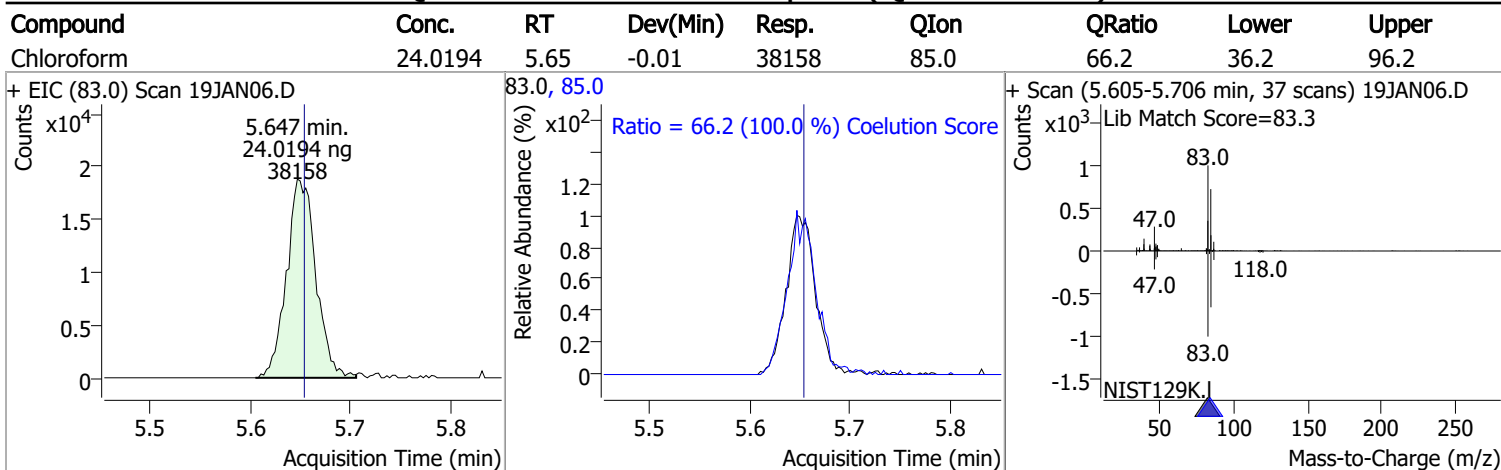
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|-------|------|--------|-------|-------|
| Methyl ethyl ketone | 232.0088 | 5.28 | 0.00 | 28861 | 72.0 | 20.6 | 0.0 | 50.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 25.2940 | 5.52 | 0.00 | 8977 | 49.0 | 182.6 | 152.2 | 212.2 |

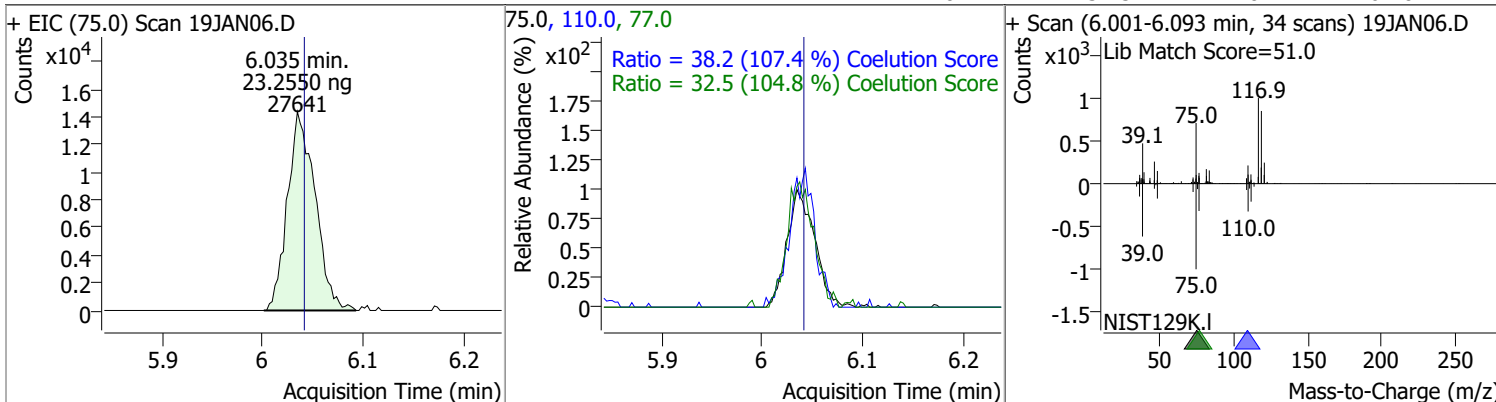


Quantitation Results Report (QT Reviewed)

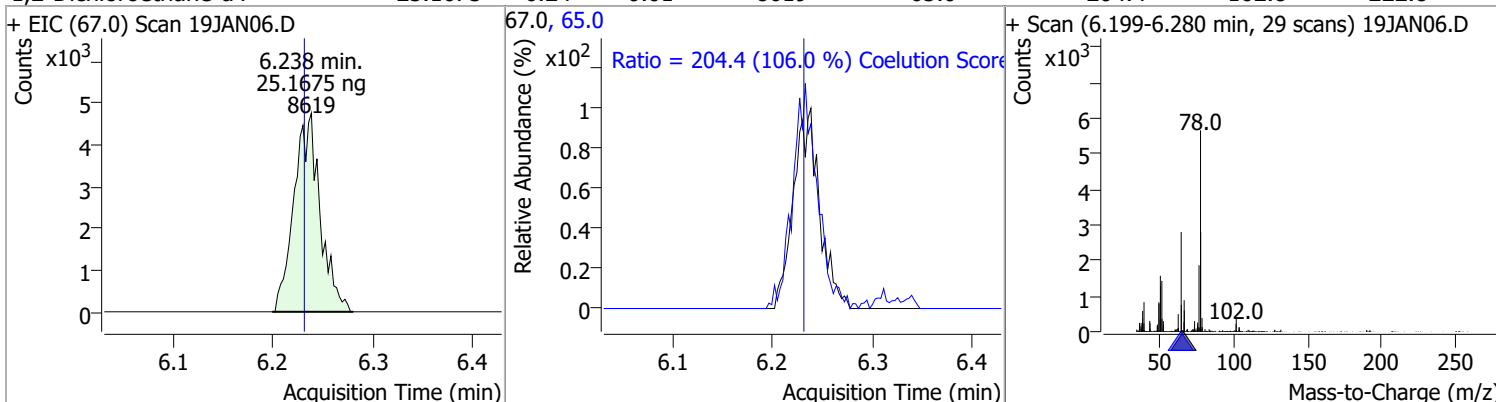


Quantitation Results Report (QT Reviewed)

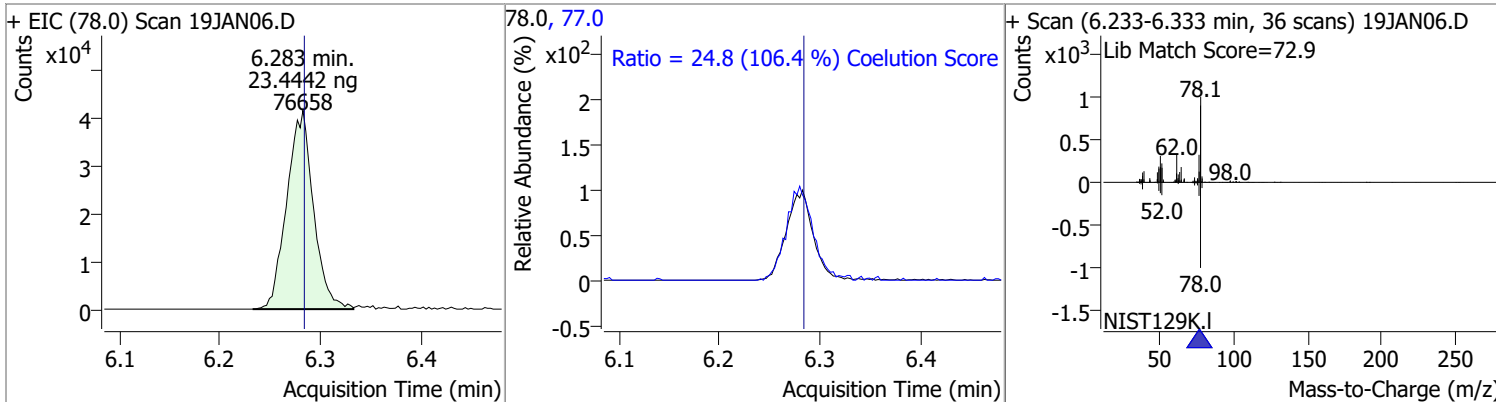
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 23.2550 | 6.03 | -0.01 | 27641 | 110.0 | 38.2 | 5.6 | 65.6 |
| | | | | | 77.0 | 32.5 | 1.0 | 61.0 |



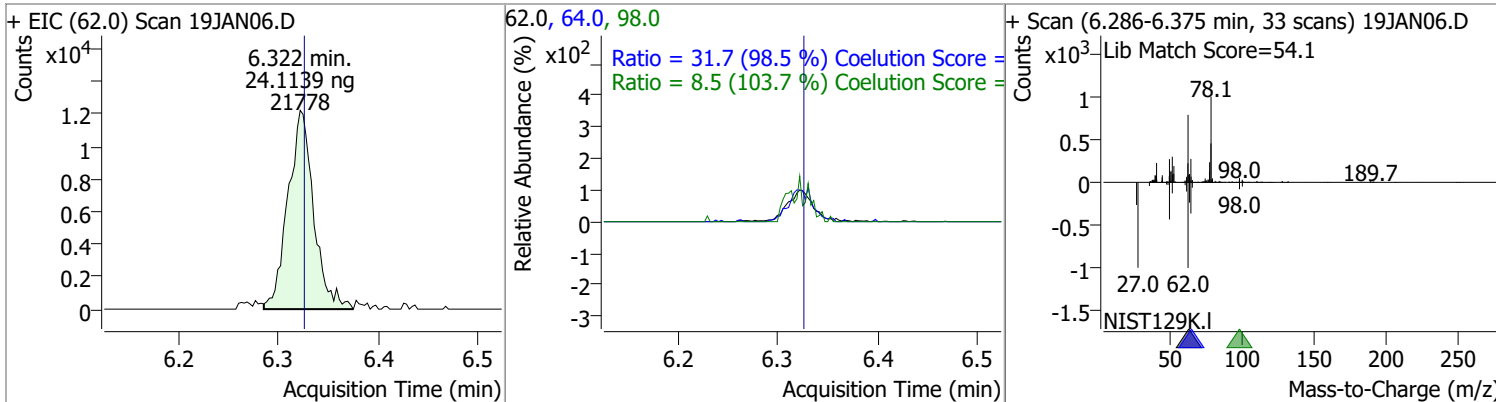
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 25.1675 | 6.24 | 0.01 | 8619 | 65.0 | 204.4 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|------|----------|-------|------|--------|-------|-------|
| Benzene | 23.4442 | 6.28 | 0.00 | 76658 | 77.0 | 24.8 | 0.0 | 53.3 |

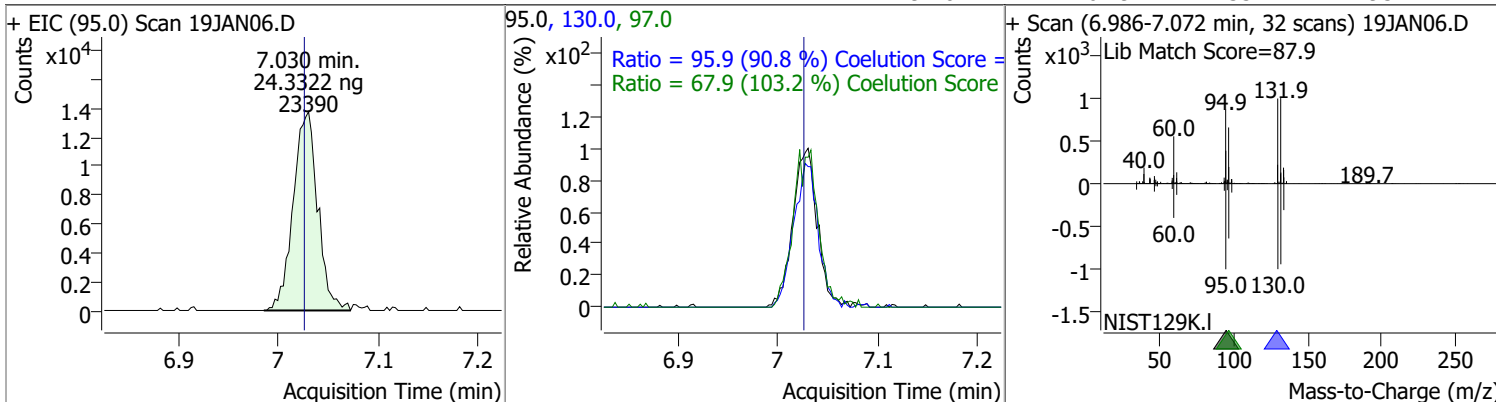


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane | 24.1139 | 6.32 | 0.00 | 21778 | 64.0 | 31.7 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.5 | 0.0 | 38.2 |

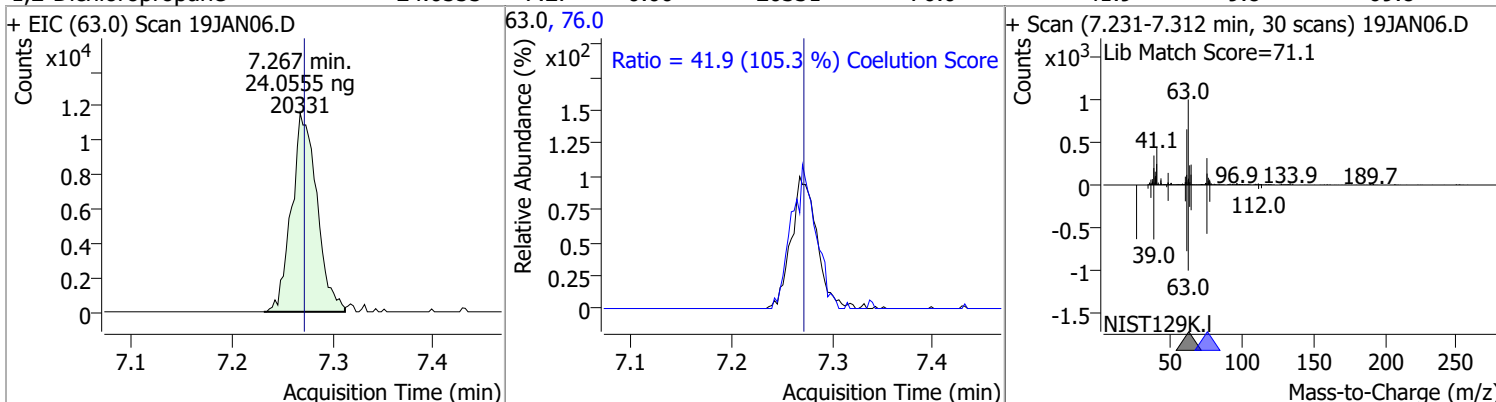


Quantitation Results Report (QT Reviewed)

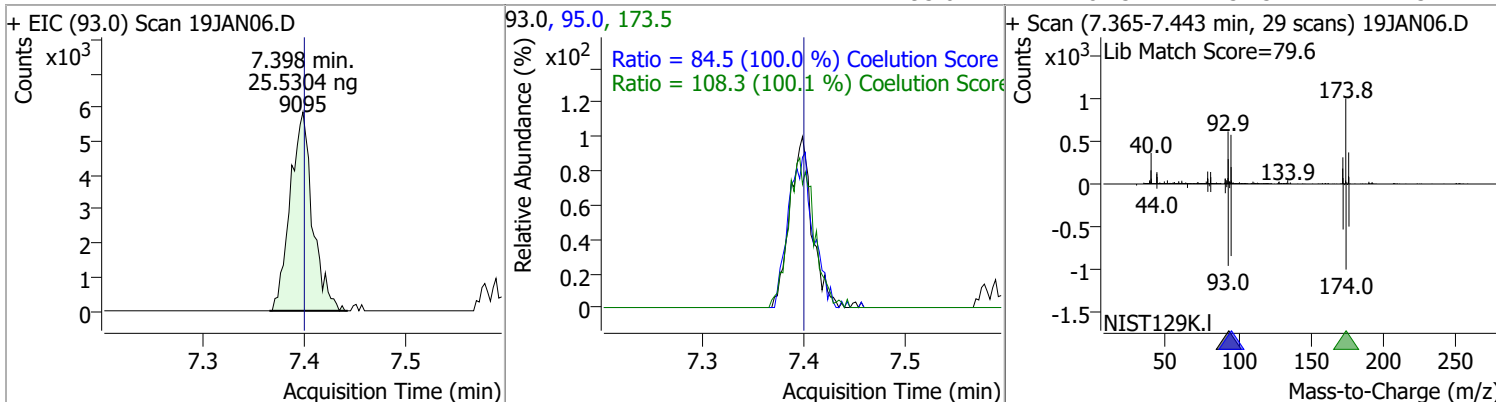
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|------|----------|-------|-------|--------|-------|-------|
| Trichloroethene | 24.3322 | 7.03 | 0.01 | 23390 | 130.0 | 95.9 | 75.6 | 135.6 |
| | | | | | 97.0 | 67.9 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloropropane | 24.0555 | 7.27 | 0.00 | 20331 | 76.0 | 41.9 | 9.8 | 69.8 |

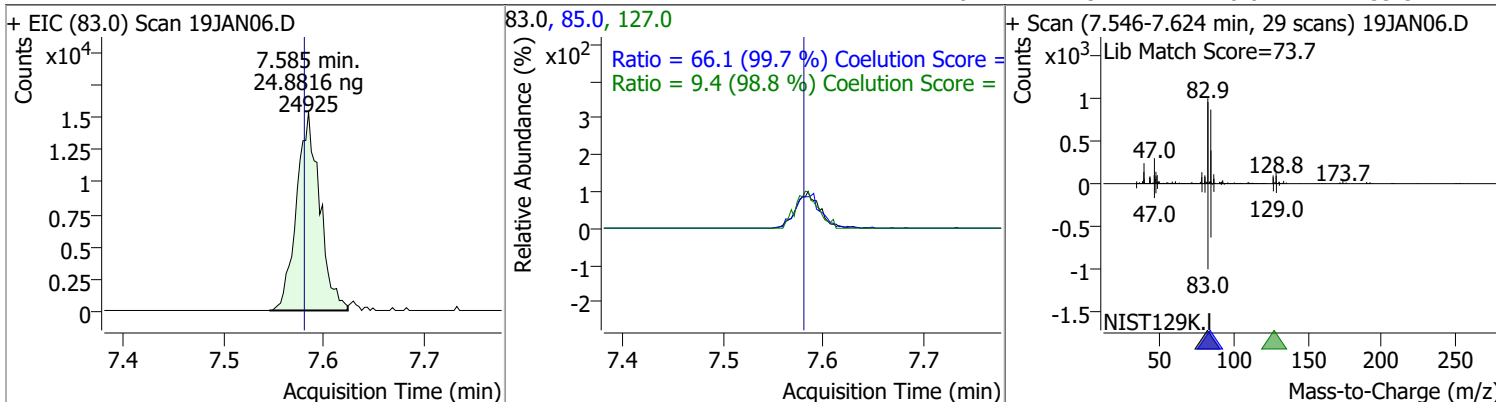


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|---------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 25.5304 | 7.40 | 0.00 | 9095 | 173.5 | 108.3 | 78.2 | 138.2 |
| | | | | | 95.0 | 84.5 | 54.5 | 114.5 |

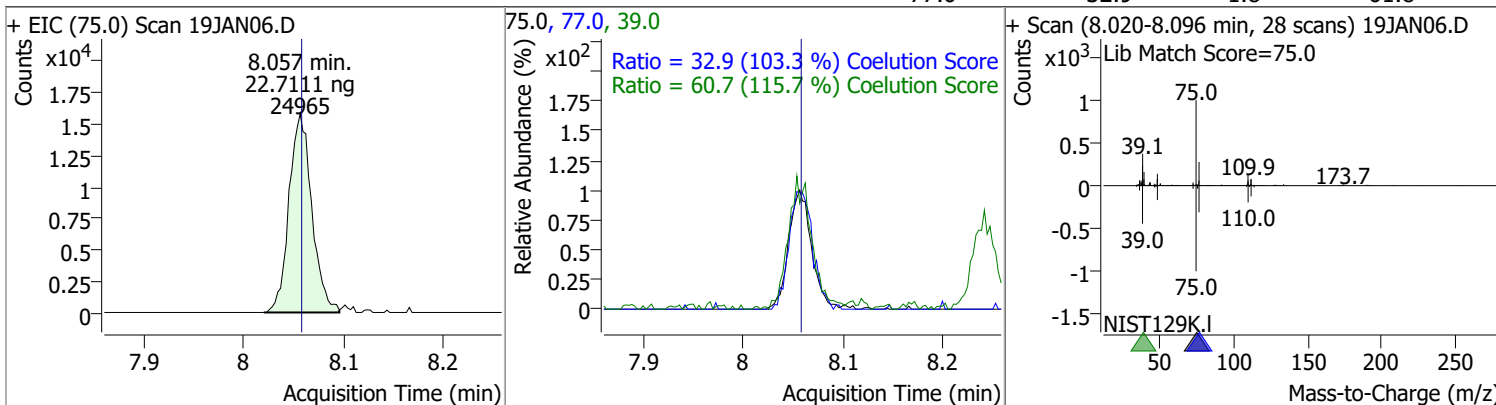


Quantitation Results Report (QT Reviewed)

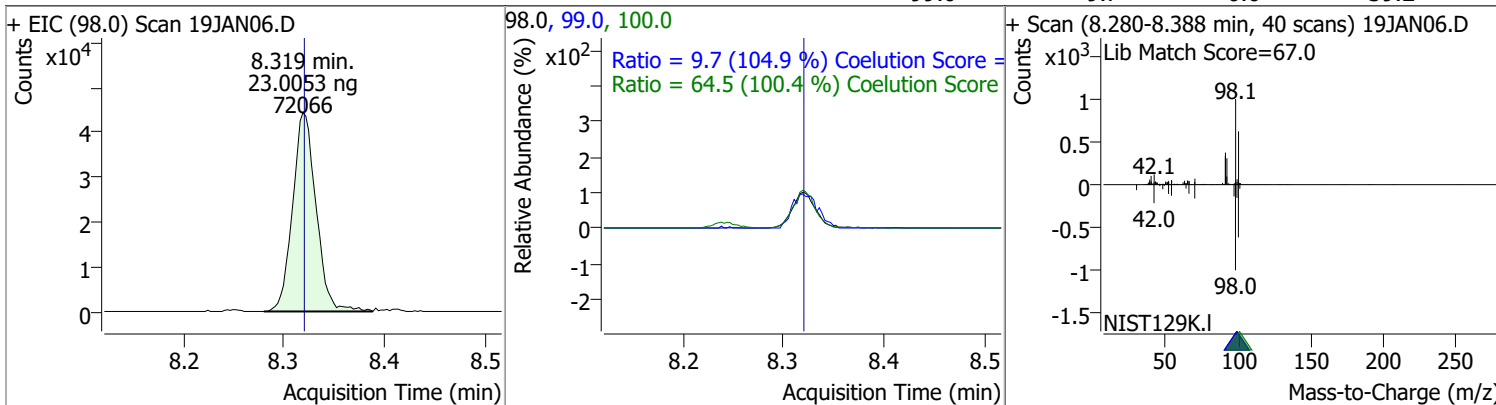
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Bromodichloromethane | 24.8816 | 7.59 | 0.01 | 24925 | 85.0 | 66.1 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.4 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 22.7111 | 8.06 | 0.00 | 24965 | 39.0 | 60.7 | 22.5 | 82.5 |
| | | | | | 77.0 | 32.9 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|---------|------|----------|-------|-------|--------|-------|-------|
| Toluene-d8 | 23.0053 | 8.32 | 0.00 | 72066 | 100.0 | 64.5 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.7 | 0.0 | 39.2 |

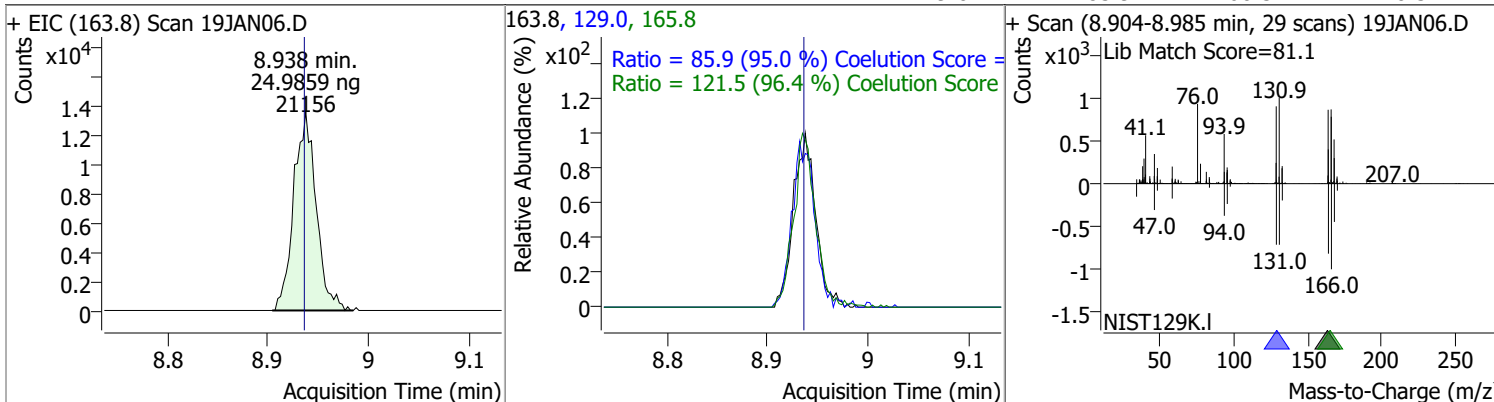


Quantitation Results Report (QT Reviewed)

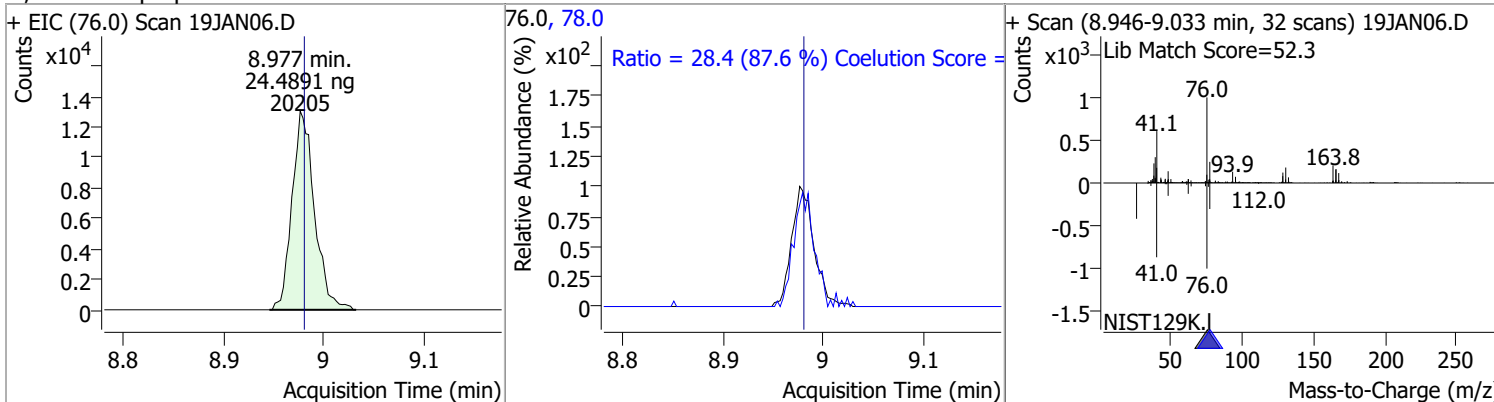
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------------|---------|------|------------------|-------|------|--|-------|-------|
| Toluene | 23.1991 | 8.39 | 0.01 | 48441 | 91.0 | 175.3 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN06.D | | | 92.0, 91.0 | | | + Scan (8.349-8.452 min, 37 scans) 19JAN06.D | | |
| | | | | | | | | |
| trans-1,3-Dichloropropene | 23.2136 | 8.64 | 0.00 | 18613 | 39.0 | 56.3 | 23.0 | 83.0 |
| + EIC (75.0) Scan 19JAN06.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.606-8.684 min, 29 scans) 19JAN06.D | | |
| | | | | | | | | |
| 1,1,2-Trichloroethane | 23.9876 | 8.82 | 0.00 | 9780 | 97.0 | 117.5 | 80.7 | 140.7 |
| + EIC (83.0) Scan 19JAN06.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.784-8.854 min, 25 scans) 19JAN06.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

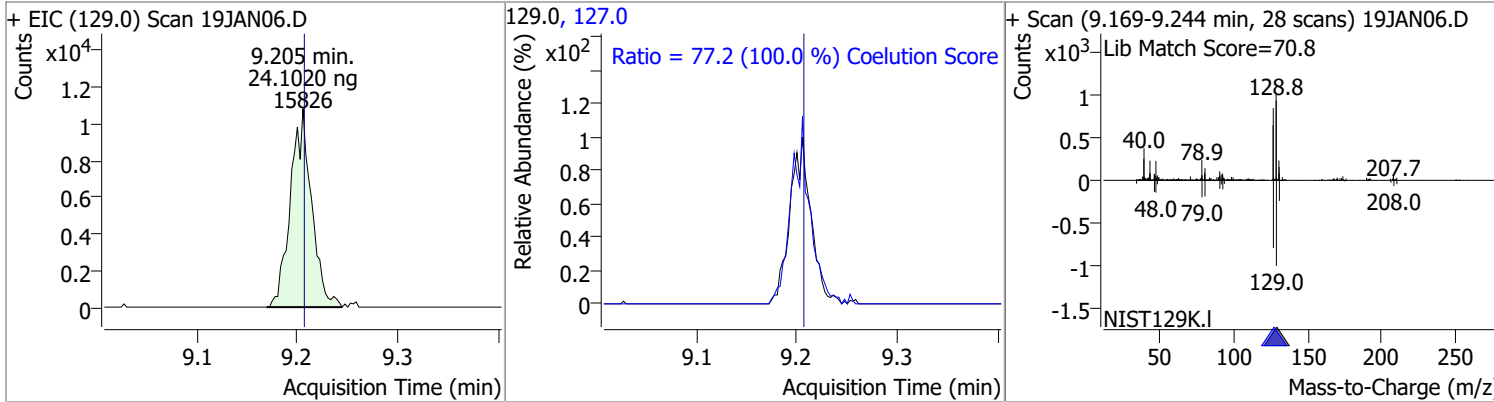
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Tetrachloroethene | 24.9859 | 8.94 | 0.00 | 21156 | 165.8 | 121.5 | 96.1 | 156.1 |
| | | | | | 129.0 | 85.9 | 60.5 | 120.5 |



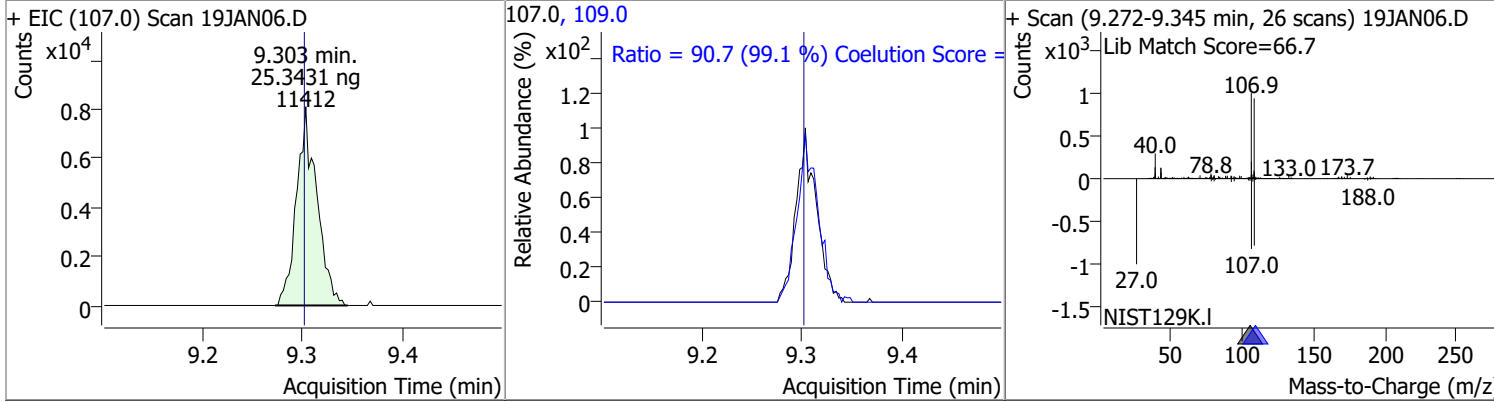
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,3-Dichloropropane | 24.4891 | 8.98 | 0.00 | 20205 | 78.0 | 28.4 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 24.1020 | 9.21 | 0.00 | 15826 | 127.0 | 77.2 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 25.3431 | 9.30 | 0.00 | 11412 | 109.0 | 90.7 | 61.5 | 121.5 |

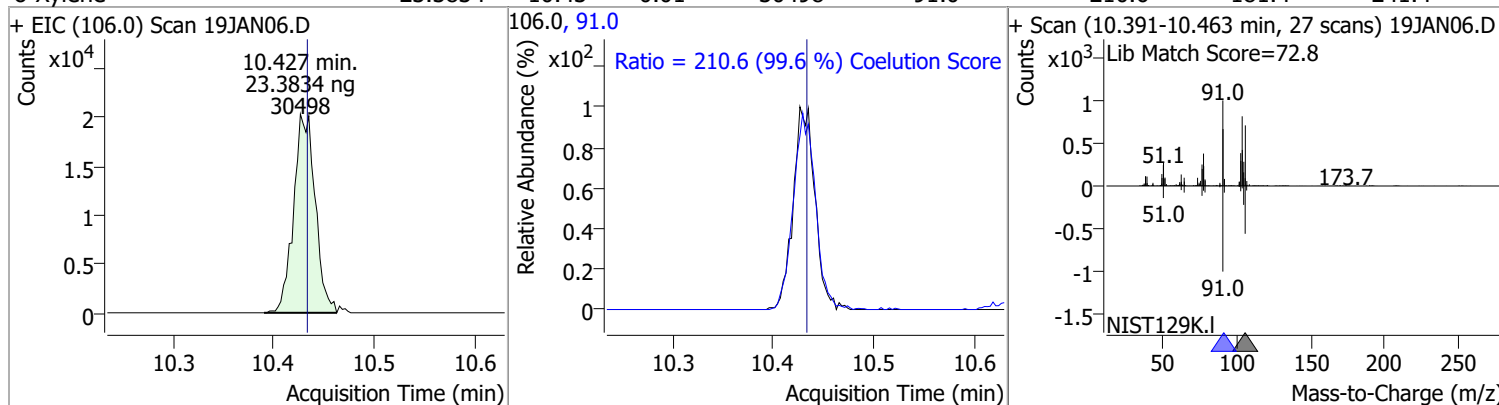


Quantitation Results Report (QT Reviewed)

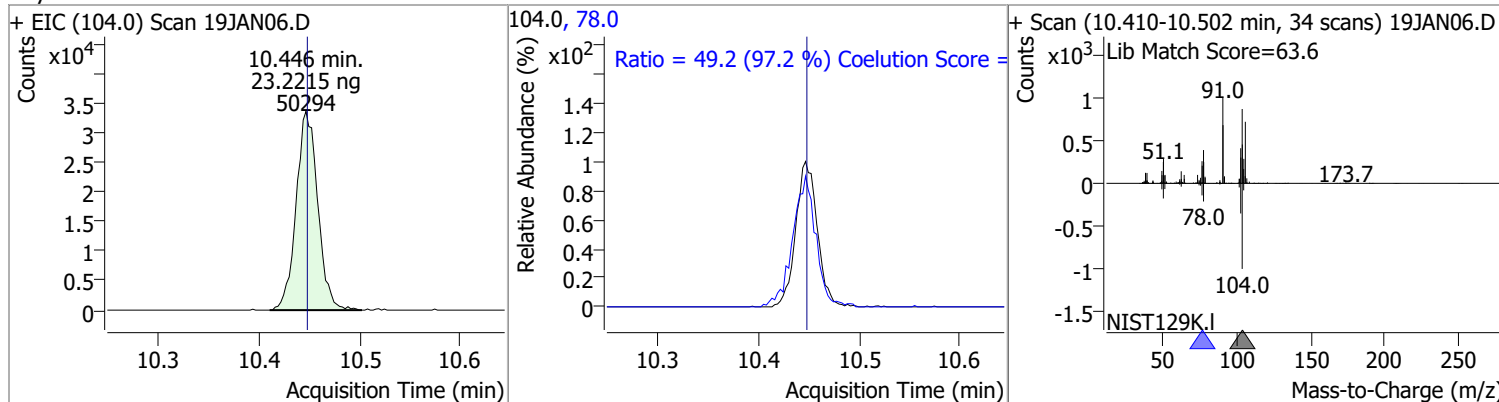
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|---------|-------|--------------|-------|-------|--|-------|-------|
| Chlorobenzene | 24.3040 | 9.80 | 0.00 | 55632 | 114.0 | 33.6 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN06.D | | | 112.0, 114.0 | | | + Scan (9.763-9.852 min, 32 scans) 19JAN06.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 24.2998 | 9.89 | 0.00 | 19516 | 133.0 | 95.4 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN06.D | | | 131.0, 133.0 | | | + Scan (9.858-9.922 min, 24 scans) 19JAN06.D | | |
| | | | | | | | | |
| Ethylbenzene | 24.0921 | 9.92 | 0.00 | 91590 | 106.0 | 31.1 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN06.D | | | 91.0, 106.0 | | | + Scan (9.883-9.989 min, 39 scans) 19JAN06.D | | |
| | | | | | | | | |
| m+p-Xylenes | 47.5617 | 10.04 | 0.00 | 71705 | 91.0 | 198.2 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN06.D | | | 106.0, 91.0 | | | + Scan (10.000-10.089 min, 33 scans) 19JAN06.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

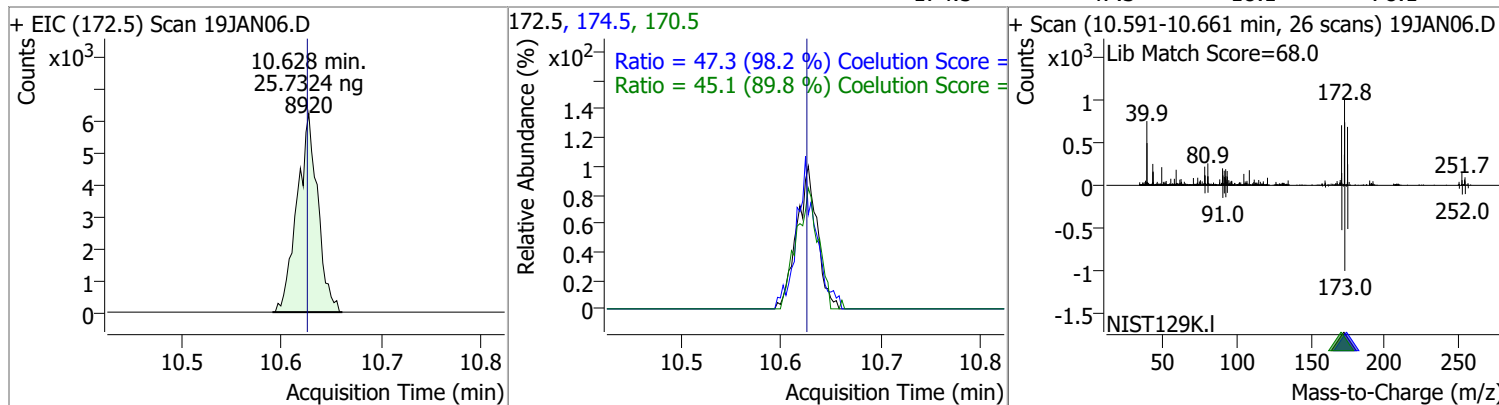
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|-------|----------|-------|------|--------|-------|-------|
| o-Xylene | 23.3834 | 10.43 | -0.01 | 30498 | 91.0 | 210.6 | 181.4 | 241.4 |



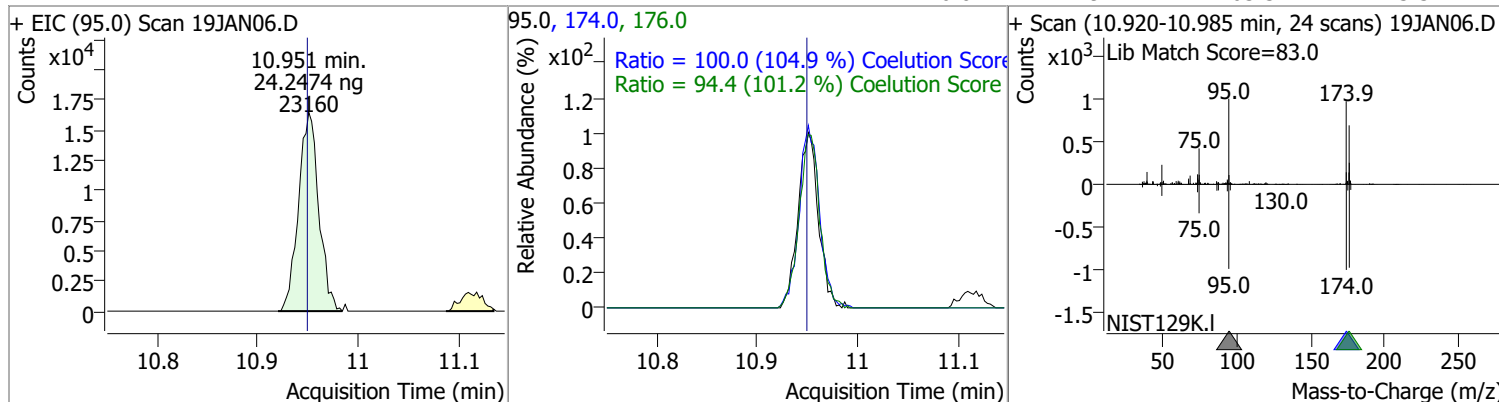
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|-------|----------|-------|------|--------|-------|-------|
| Styrene | 23.2215 | 10.45 | 0.00 | 50294 | 78.0 | 49.2 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|---------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 25.7324 | 10.63 | 0.00 | 8920 | 170.5 | 45.1 | 20.3 | 80.3 |
| | | | | | 174.5 | 47.3 | 18.1 | 78.1 |

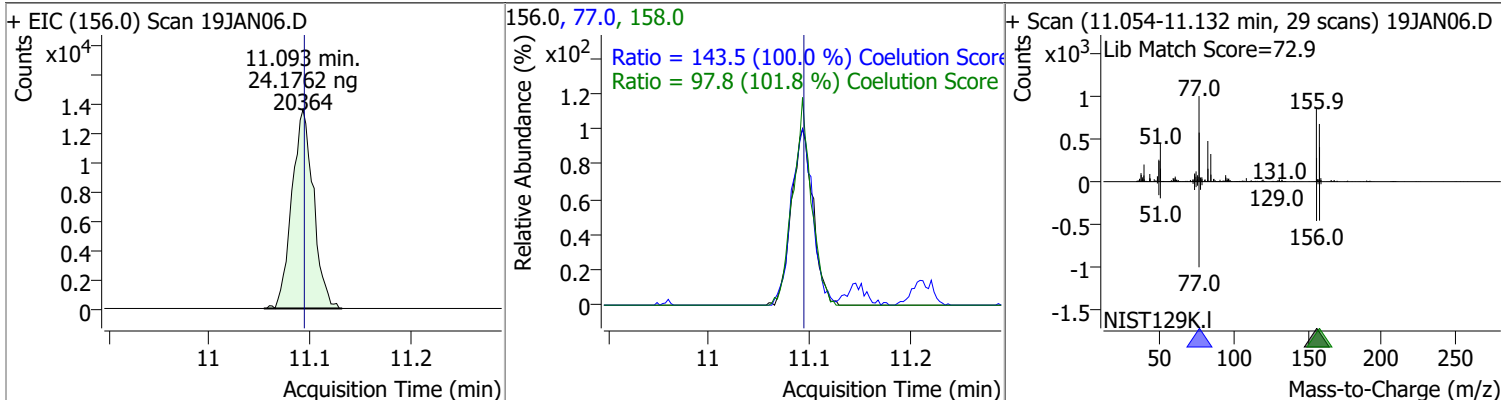


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 24.2474 | 10.95 | 0.00 | 23160 | 174.0 | 100.0 | 65.3 | 125.3 |
| | | | | | 176.0 | 94.4 | 63.3 | 123.3 |

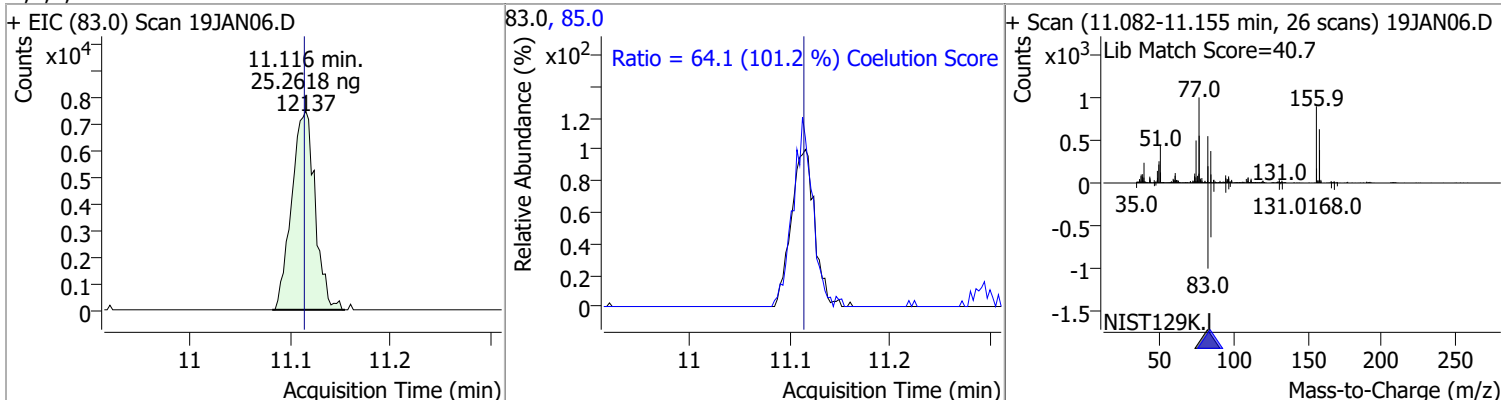


Quantitation Results Report (QT Reviewed)

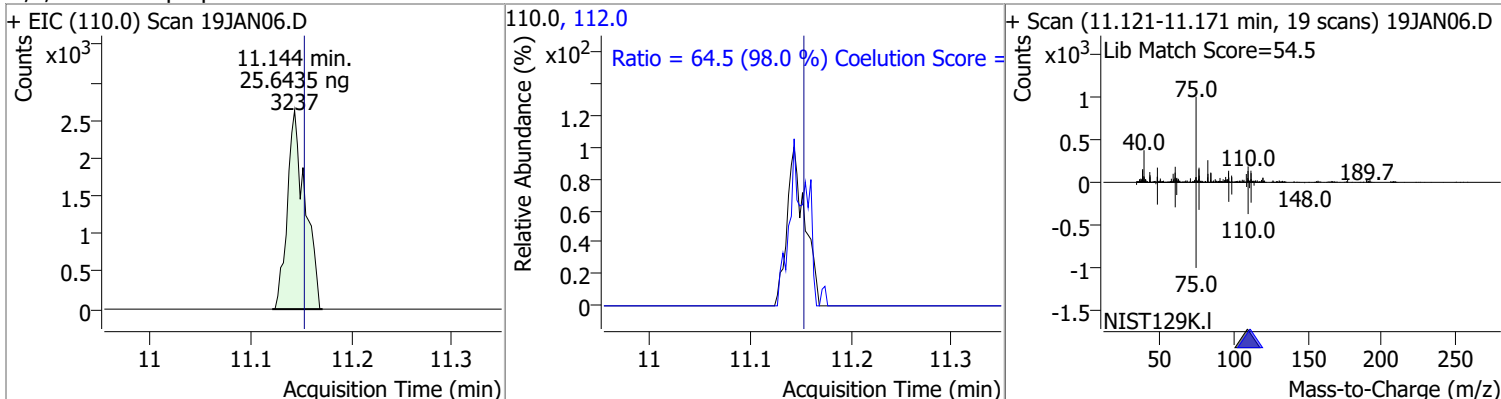
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|-------|----------|-------|-------|--------|-------|-------|
| Bromobenzene | 24.1762 | 11.09 | 0.00 | 20364 | 77.0 | 143.5 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.8 | 66.1 | 126.1 |



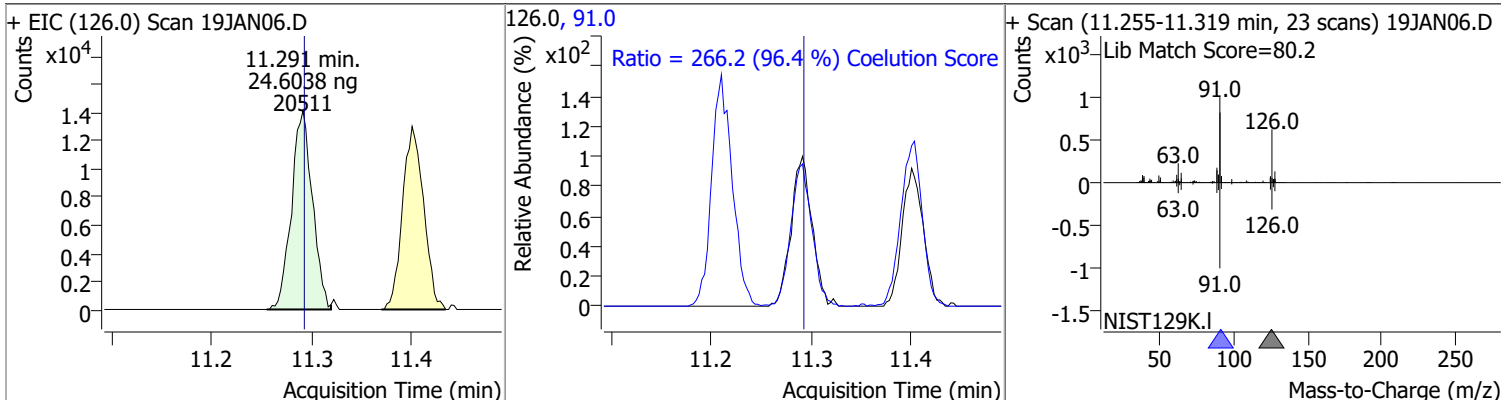
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|---------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 25.2618 | 11.12 | 0.00 | 12137 | 85.0 | 64.1 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 25.6435 | 11.14 | -0.01 | 3237 | 112.0 | 64.5 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|-------|----------|-------|------|--------|-------|-------|
| 2-Chlorotoluene | 24.6038 | 11.29 | 0.00 | 20511 | 91.0 | 266.2 | 246.2 | 306.2 |

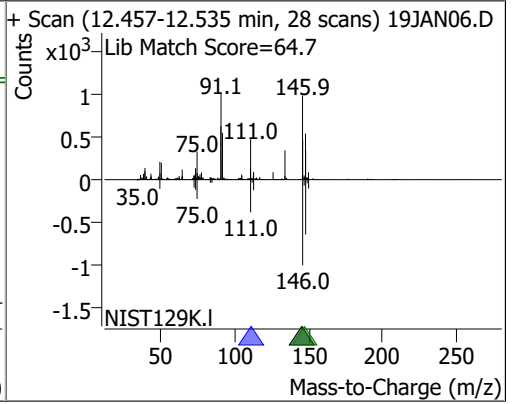
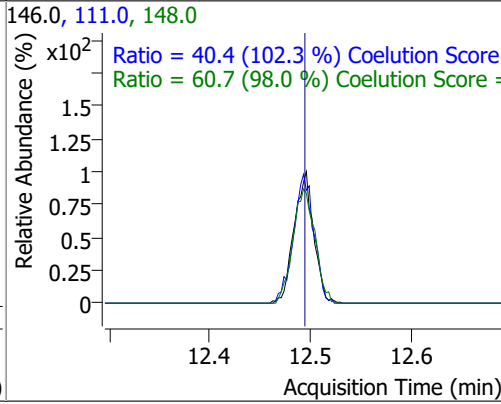
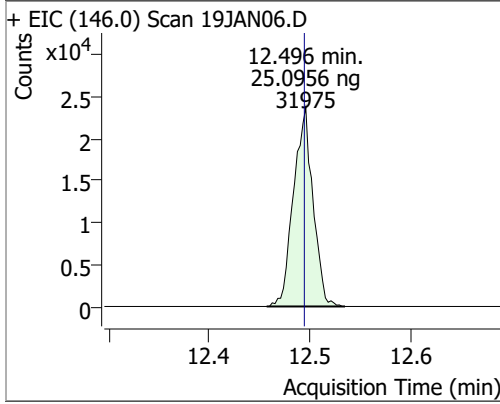


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|---------|-------|---------------------|-------|-------|--|-------|-------|
| 4-Chlorotoluene | 23.7626 | 11.40 | 0.00 | 64162 | 126.0 | 29.7 | 1.3 | 61.3 |
| + EIC (91.0) Scan 19JAN06.D | | | 91.0, 126.0 | | | + Scan (11.361-11.439 min, 29 scans) 19JAN06.D | | |
| | | | | | | | | |
| 1,3-Dichlorobenzene | 24.7445 | 12.03 | -0.01 | 37763 | 148.0 | 64.3 | 32.8 | 92.8 |
| + EIC (146.0) Scan 19JAN06.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.000-12.072 min, 27 scans) 19JAN06.D | | |
| | | | | | | | | |
| 1,4-Dichlorobenzene | 24.9375 | 12.12 | 0.00 | 38799 | 148.0 | 68.5 | 33.7 | 93.7 |
| + EIC (146.0) Scan 19JAN06.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.083-12.161 min, 29 scans) 19JAN06.D | | |
| | | | | | | | | |

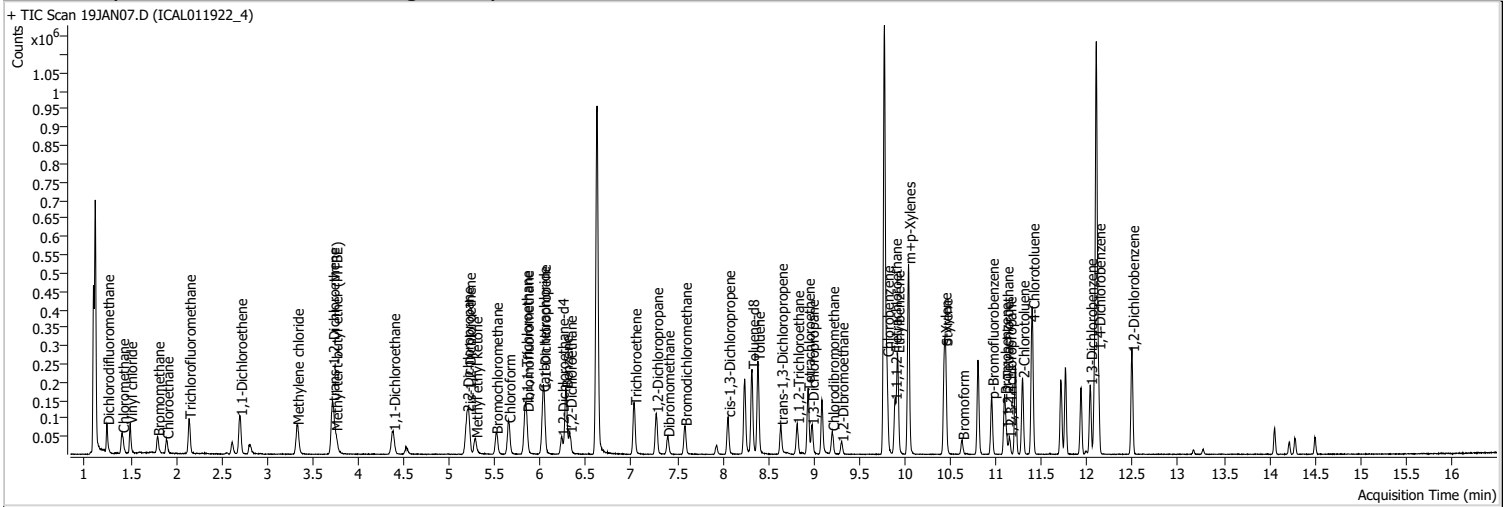
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 25.0956 | 12.50 | 0.00 | 31975 | 148.0 | 60.7 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.4 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | |
|---|---|
| Data File: 19JAN07.D Acq. Method: 5975CACQF.M Sample Name: ICAL011922_4 Vial: 7 DA Method File: VOA5975C_8260B_SHT_DoD_L4_011922.m Tune File: BFB_Atune3.u Batch Name: VG011922_8260B.batch.bin Ref Library: \\MASSHUNTER\Org\Library\NIST129K.l | Operator: MSC Acq. Date-Time: 1/19/2022 12:09:57 PM Instrument: VOA5975C Multiplier: 1.00 Comment: Tune Date: 10/11/2021 4:02:00 PM Last Calib Update: 1/20/2022 9:28:12 AM |
|---|---|



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|-------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 806368 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.772 | 82.0 | 318877 | 250.0000 | ng | -0.003 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 262955 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 38453 | 49.2335 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 19.69% | | * |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 16425 | 48.6831 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 19.47% | | * |
| S Toluene-d8 | 8.322 | 98.0 | 142617 | 45.8435 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 18.34% | | * |
| S p-Bromofluorobenzene | 10.954 | 95.0 | 45114 | 46.4666 | ng | 0.006 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 18.59% | | * |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 51785 | 47.7605 | ng | 98 |
| T Chloromethane | 1.408 | 50.0 | 63351 | 49.6275 | ng | 100 |
| T Vinyl chloride | 1.495 | 62.0 | 55437 | 47.7105 | ng | 98 |
| T Bromomethane | 1.796 | 96.0 | 22944 | 48.0600 | ng | 94 |
| T Chloroethane | 1.894 | 64.0 | 26569 | 48.3306 | ng | 98 |
| T Trichlorofluoromethane | 2.142 | 101.0 | 66016 | 47.3799 | ng | 97 |
| T 1,1-Dichloroethene | 2.702 | 96.0 | 38644 | 47.6655 | ng | 98 |
| T Methylene chloride | 3.327 | 49.0 | 58184 | 49.3612 | ng | 97 |
| T trans-1,2-Dichloroethene | 3.717 | 96.0 | 38732 | 46.2455 | ng | 98 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 49617 | 47.3984 | ng | 86 |
| T 1,1-Dichloroethane | 4.384 | 63.0 | 75497 | 48.1651 | ng | 98 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 56651 | 47.9582 | ng | 98 |
| T cis-1,2-Dichloroethene | 5.212 | 96.0 | 39093 | 46.0997 | ng | 94 |
| T Methyl ethyl ketone | 5.285 | 43.0 | 58185 | 474.7821 | ng | 99 |
| T Bromochloromethane | 5.511 | 128.0 | 17084 | 48.8614 | ng | 98 |
| T Chloroform | 5.647 | 83.0 | 74048 | 47.3129 | ng | 99 |

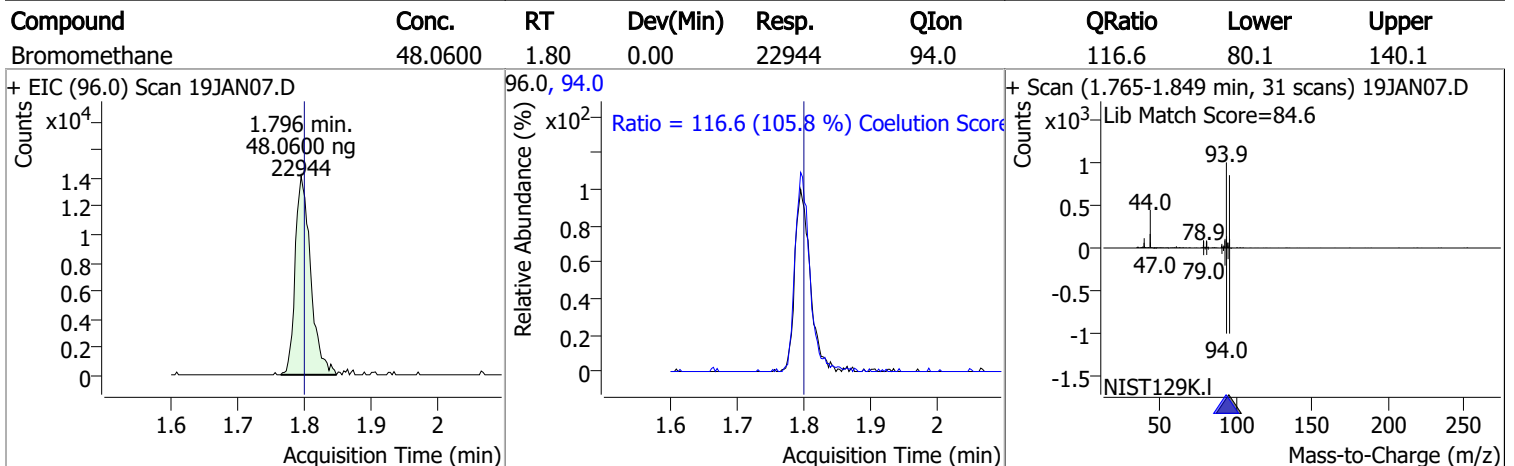
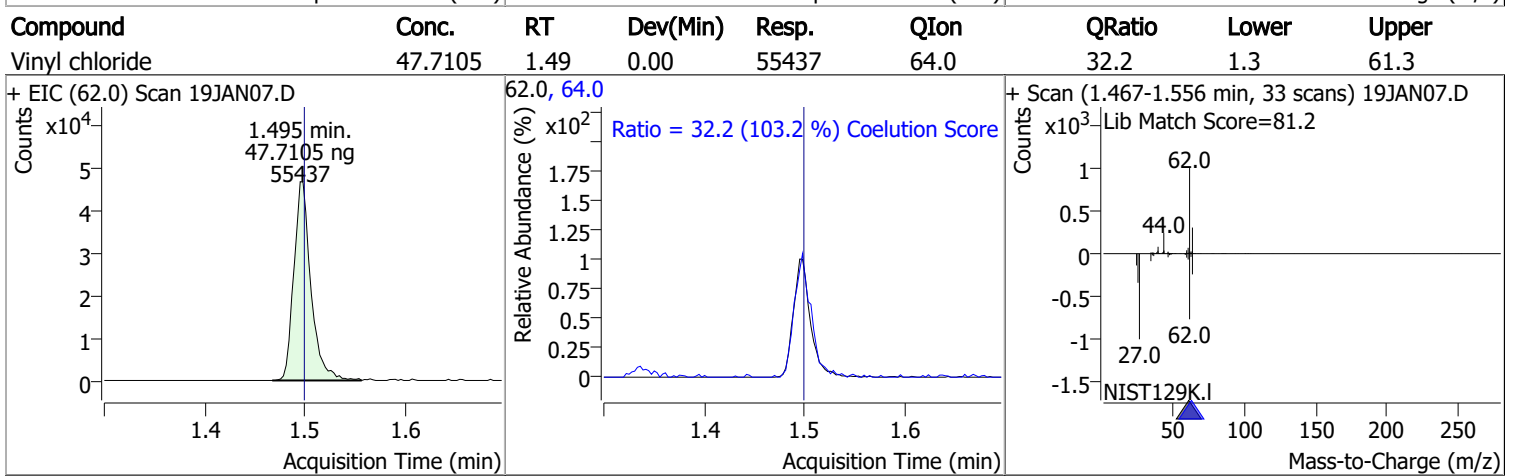
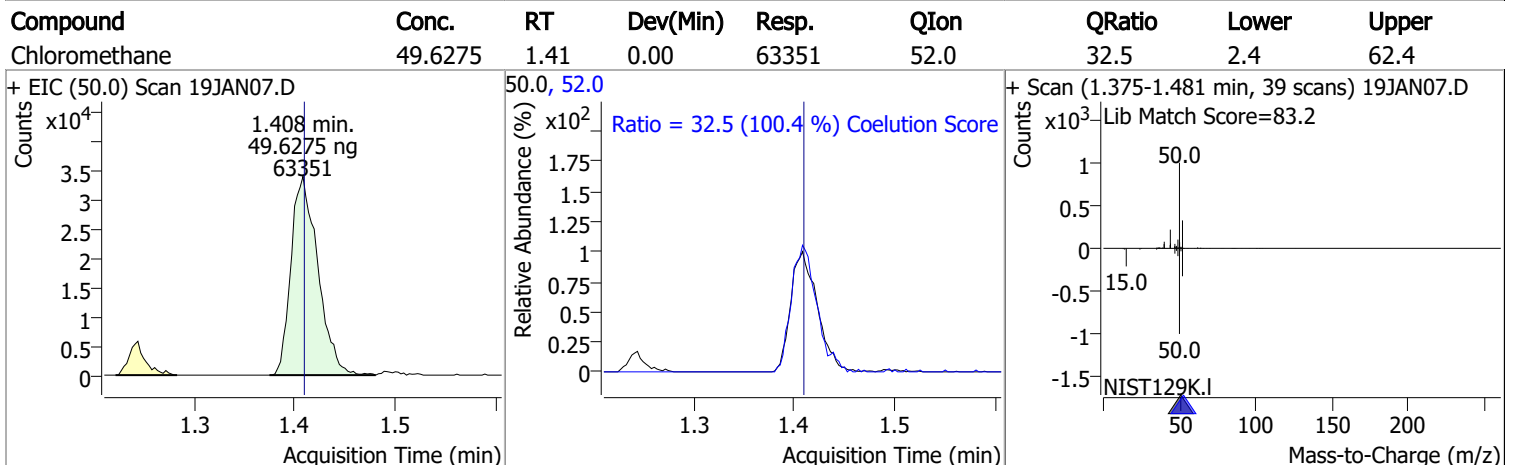
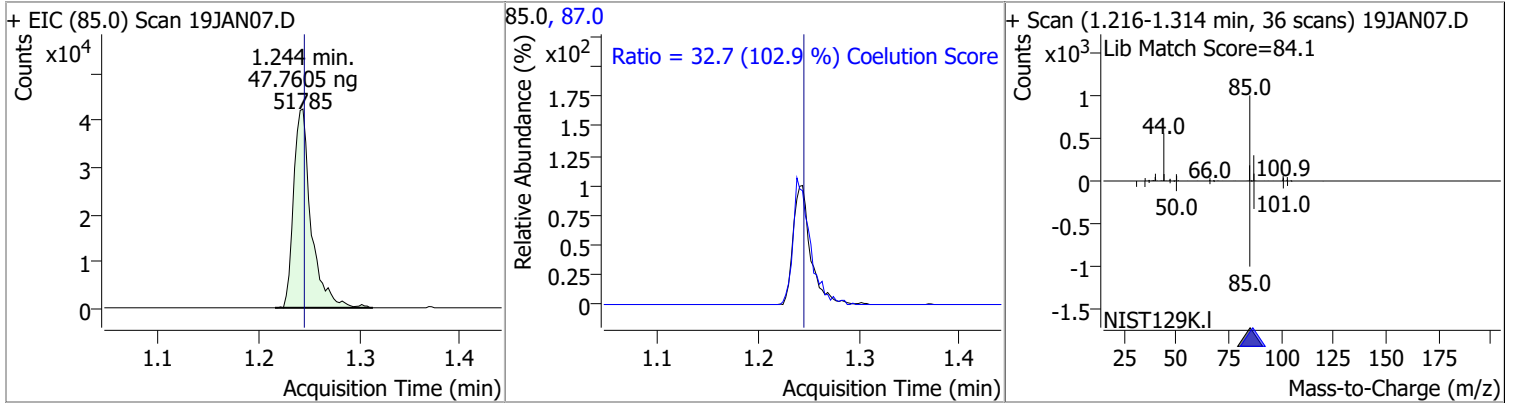
Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|---------|-------|----------|
| T 1,1,1-Trichloroethane | 5.834 | 97.0 | 69594 | 48.1944 | ng | 98 |
| T Carbon tetrachloride | 6.026 | 117.0 | 66332 | 47.3626 | ng | 98 |
| T 1,1-Dichloropropene | 6.038 | 75.0 | 52282 | 44.6484 | ng | 99 |
| T Benzene | 6.277 | 78.0 | 149512 | 46.4135 | ng | 99 |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 43538 | 48.9336 | ng | 96 |
| T Trichloroethene | 7.030 | 95.0 | 44214 | 46.3149 | ng | 96 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 38730 | 46.1437 | ng | 100 |
| T Dibromomethane | 7.393 | 93.0 | 16899 | 47.7666 | ng | 98 |
| T Bromodichloromethane | 7.585 | 83.0 | 46426 | 46.6674 | ng | 99 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 47339 | 43.3645 | ng | 94 |
| T Toluene | 8.386 | 92.0 | 92615 | 44.6630 | ng | 98 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 36009 | 45.2216 | ng | 99 |
| T 1,1,2-Trichloroethane | 8.818 | 83.0 | 19237 | 47.5110 | ng | 90 |
| T Tetrachloroethene | 8.935 | 163.8 | 38749 | 46.0820 | ng | 98 |
| T 1,3-Dichloropropane | 8.977 | 76.0 | 38147 | 46.5568 | ng | 98 |
| T Chlorodibromomethane | 9.203 | 129.0 | 30000 | 46.0058 | ng | 99 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 20667 | 46.2152 | ng | 93 |
| T Chlorobenzene | 9.802 | 112.0 | 106223 | 46.7283 | ng | 98 |
| T 1,1,1,2-Tetrachloroethane | 9.889 | 131.0 | 37389 | 46.8776 | ng | 96 |
| T Ethylbenzene | 9.919 | 91.0 | 171854 | 44.7337 | ng | 99 |
| T m+p-Xylenes | 10.039 | 106.0 | 136806 | 89.3329 | ng | 99 |
| T o-Xylene | 10.433 | 106.0 | 58814 | 44.2320 | ng | 96 |
| T Styrene | 10.446 | 104.0 | 97810 | 44.2974 | ng | 100 |
| T Bromoform | 10.628 | 172.5 | 16290 | 46.2317 | ng | 98 |
| T Bromobenzene | 11.093 | 156.0 | 39639 | 46.2967 | ng | 97 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 24493 | 50.1531 | ng | 98 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 6147 | 47.9073 | ng | 97 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 37139 | 43.8276 | ng | 93 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 125553 | 45.7452 | ng | 100 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 73221 | 47.2010 | ng | 97 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 72168 | 45.6332 | ng | 97 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 59208 | 45.7163 | ng | 96 |

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

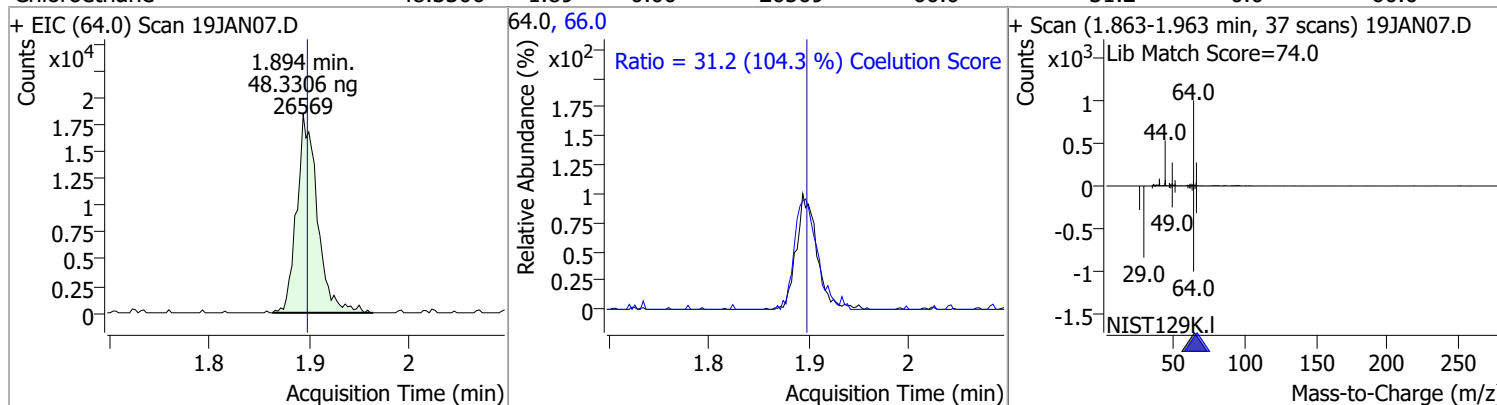
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
|----------|-------|----|----------|-------|------|--------|-------|-------|

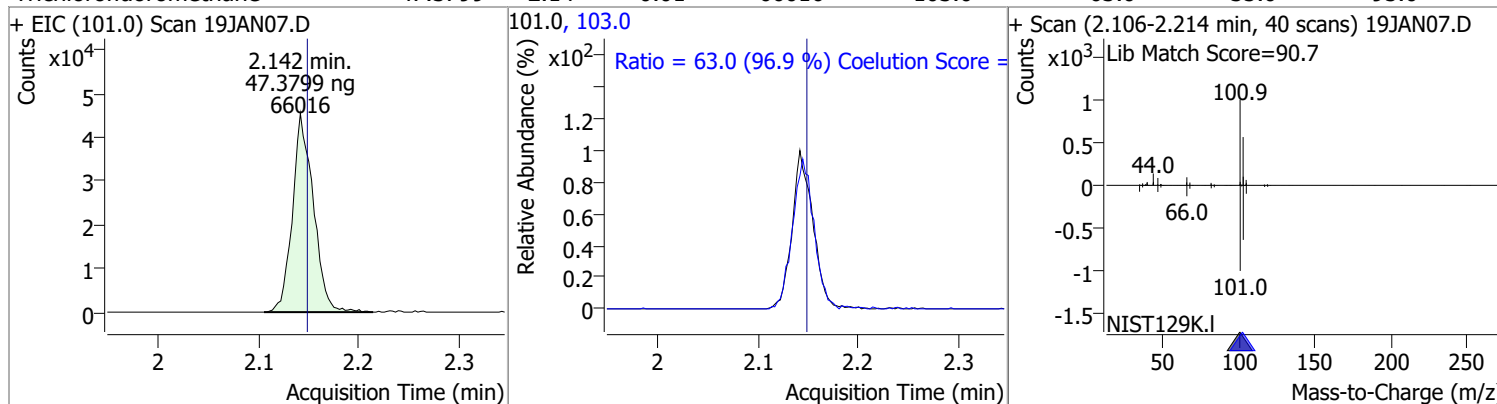


Quantitation Results Report (QT Reviewed)

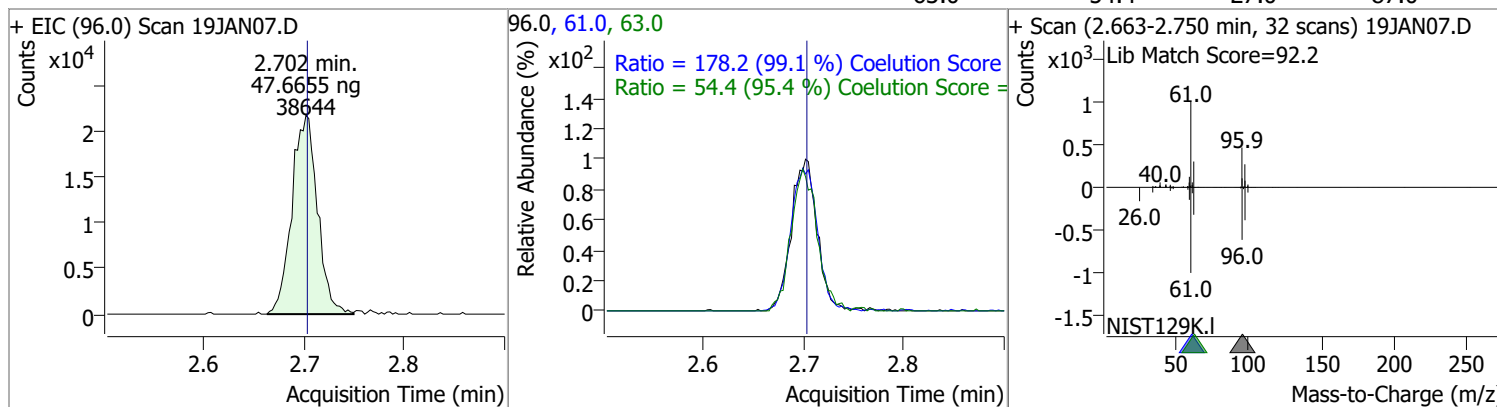
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 48.3306 | 1.89 | 0.00 | 26569 | 66.0 | 31.2 | 0.0 | 60.0 |



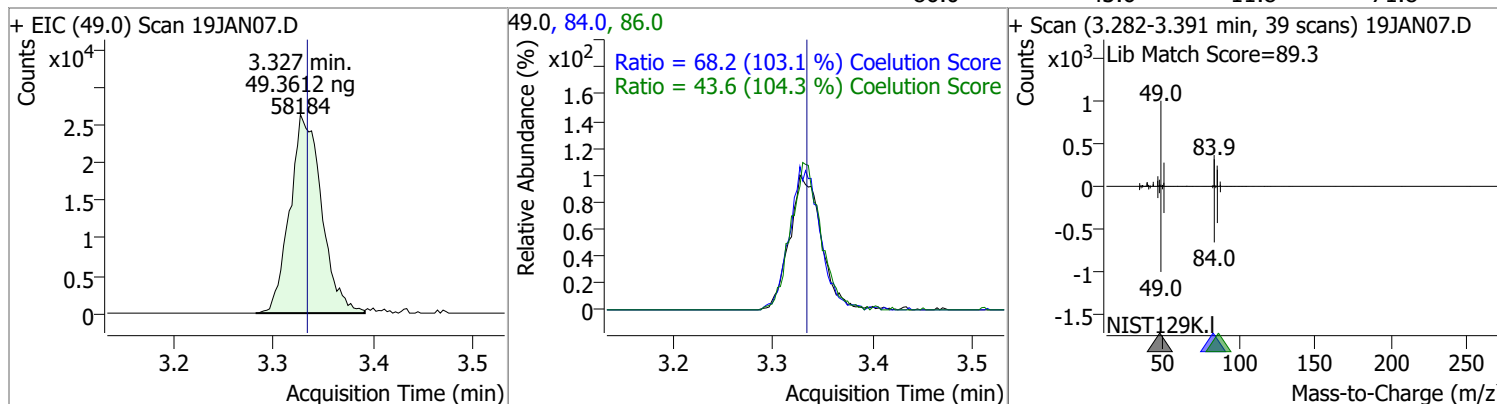
| | | | | | | | | |
|------------------------|---------|------|-------|-------|-------|------|------|------|
| Trichlorofluoromethane | 47.3799 | 2.14 | -0.01 | 66016 | 103.0 | 63.0 | 35.0 | 95.0 |
|------------------------|---------|------|-------|-------|-------|------|------|------|



| | | | | | | | | |
|--------------------|---------|------|------|-------|------|-------|-------|-------|
| 1,1-Dichloroethene | 47.6655 | 2.70 | 0.00 | 38644 | 61.0 | 178.2 | 149.9 | 209.9 |
| | | | | | 63.0 | 54.4 | 27.0 | 87.0 |

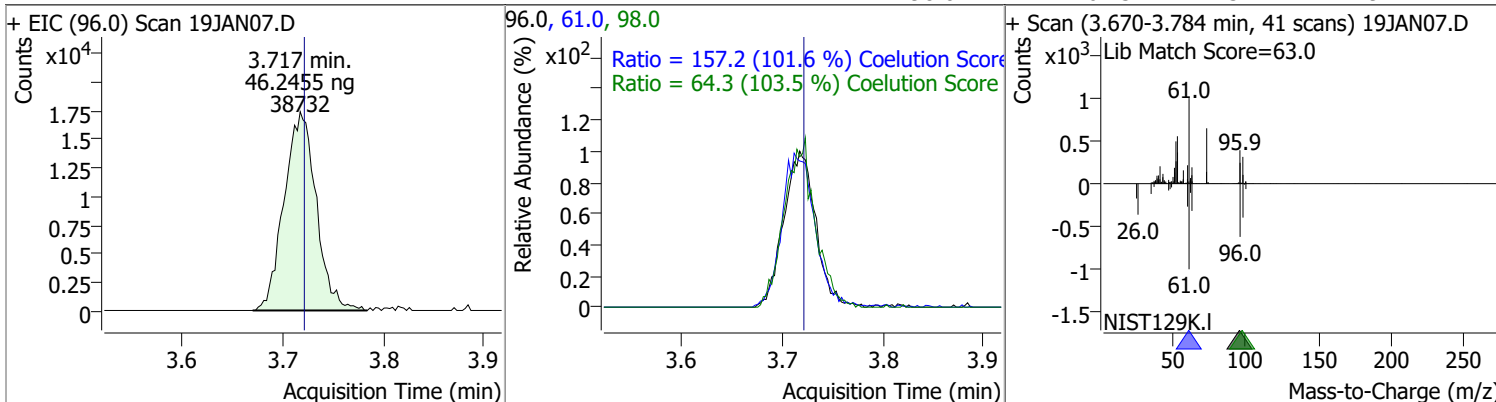


| | | | | | | | | |
|--------------------|---------|------|-------|-------|------|------|------|------|
| Methylene chloride | 49.3612 | 3.33 | -0.01 | 58184 | 84.0 | 68.2 | 36.1 | 96.1 |
| | | | | | 86.0 | 43.6 | 11.8 | 71.8 |

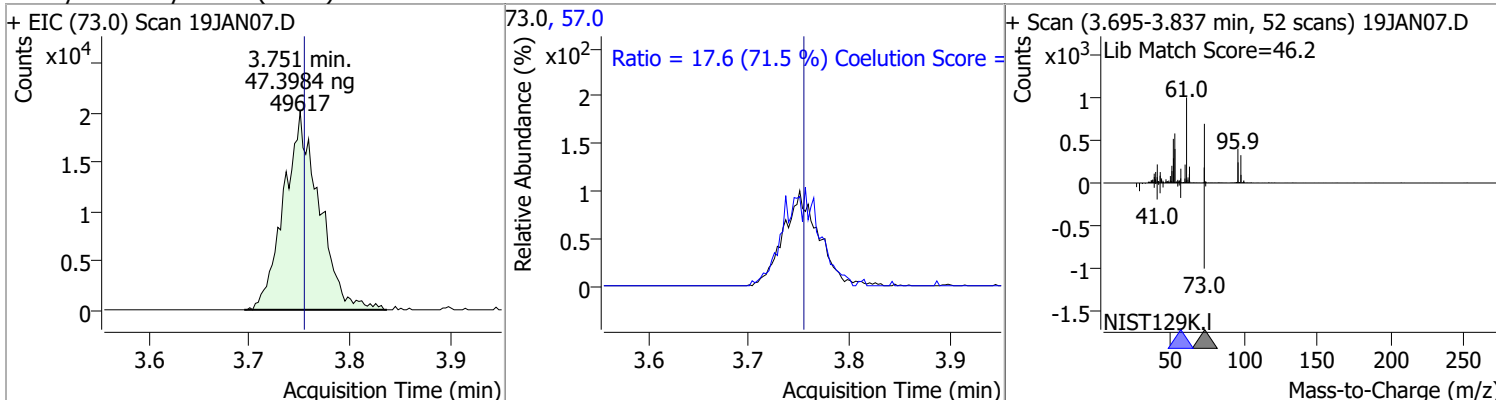


Quantitation Results Report (QT Reviewed)

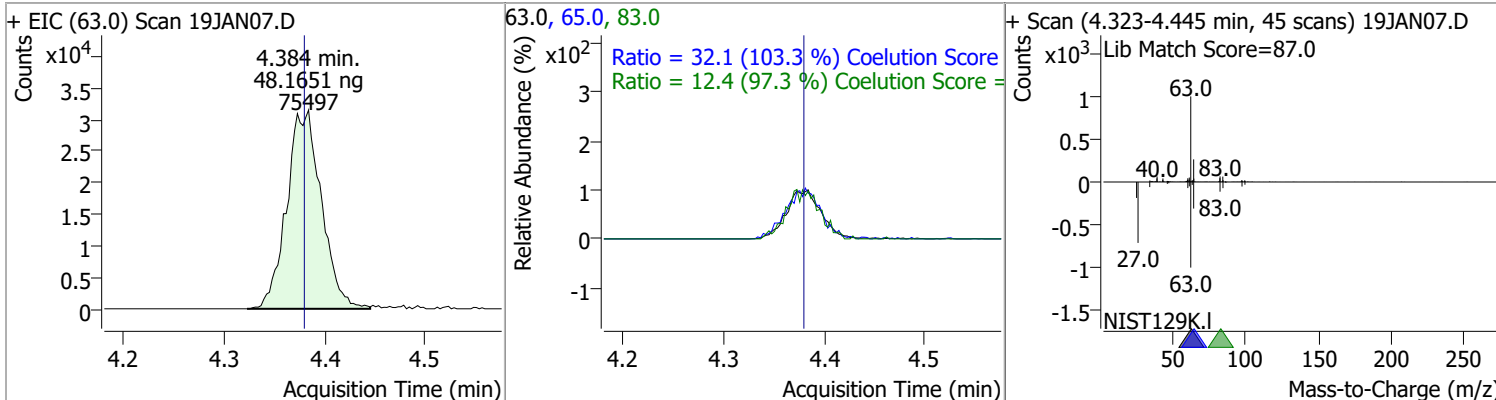
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|---------|------|----------|-------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 46.2455 | 3.72 | 0.00 | 38732 | 61.0 | 157.2 | 124.8 | 184.8 |
| | | | | | 98.0 | 64.3 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|---------|------|----------|-------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 47.3984 | 3.75 | 0.00 | 49617 | 57.0 | 17.6 | 0.0 | 54.6 |

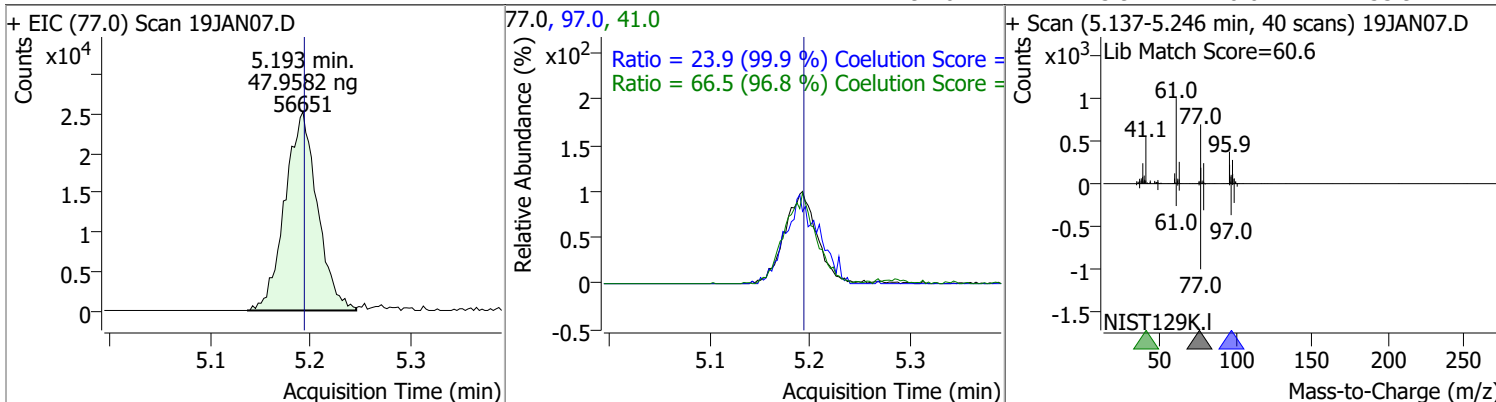


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1-Dichloroethane | 48.1651 | 4.38 | 0.01 | 75497 | 65.0 | 32.1 | 1.0 | 61.0 |
| | | | | | 83.0 | 12.4 | 0.0 | 42.7 |

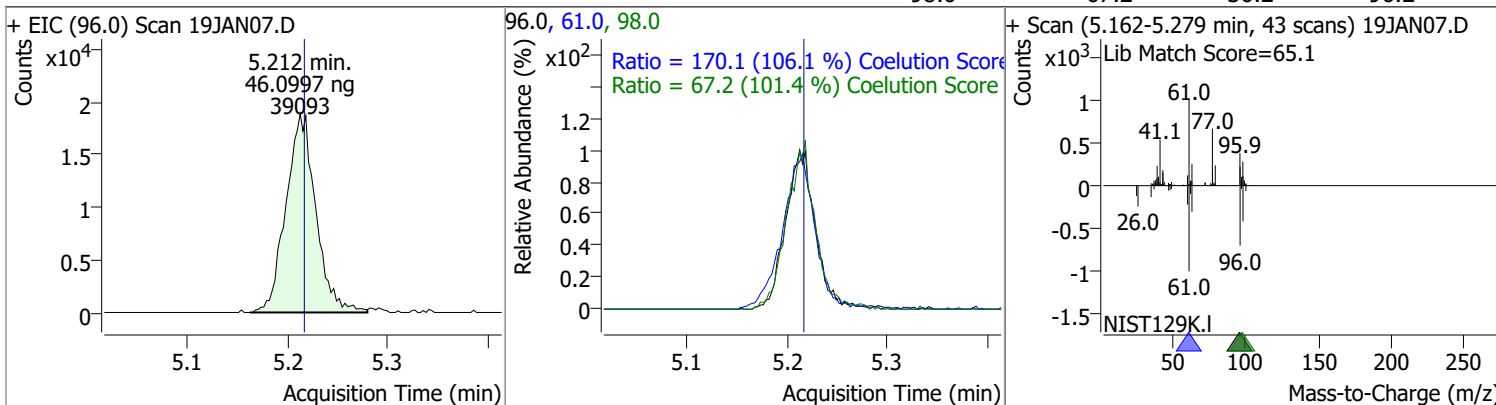


Quantitation Results Report (QT Reviewed)

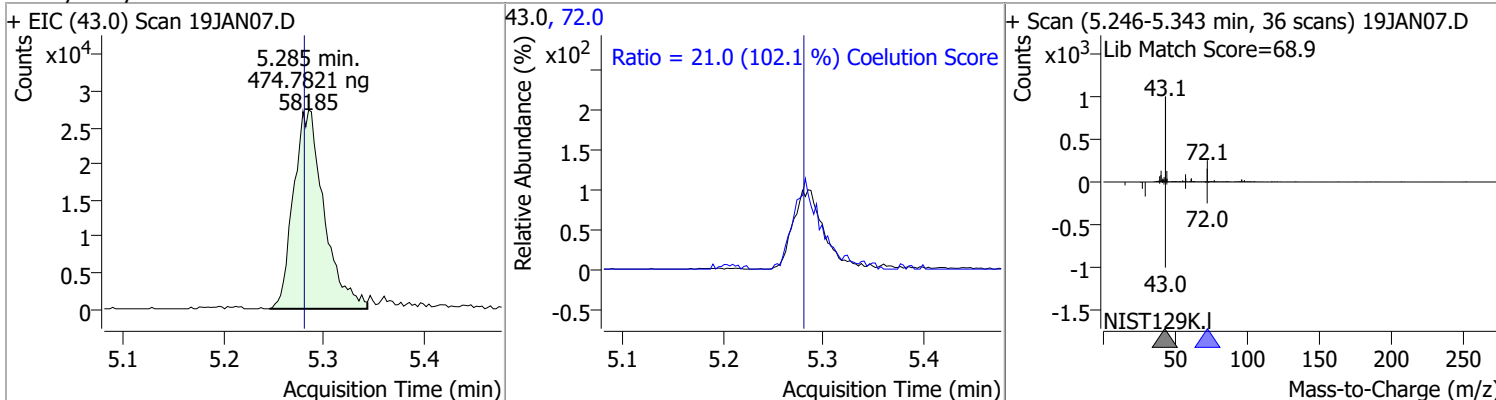
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 2,2-Dichloropropane | 47.9582 | 5.19 | 0.00 | 56651 | 41.0 | 66.5 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.9 | 0.0 | 53.9 |



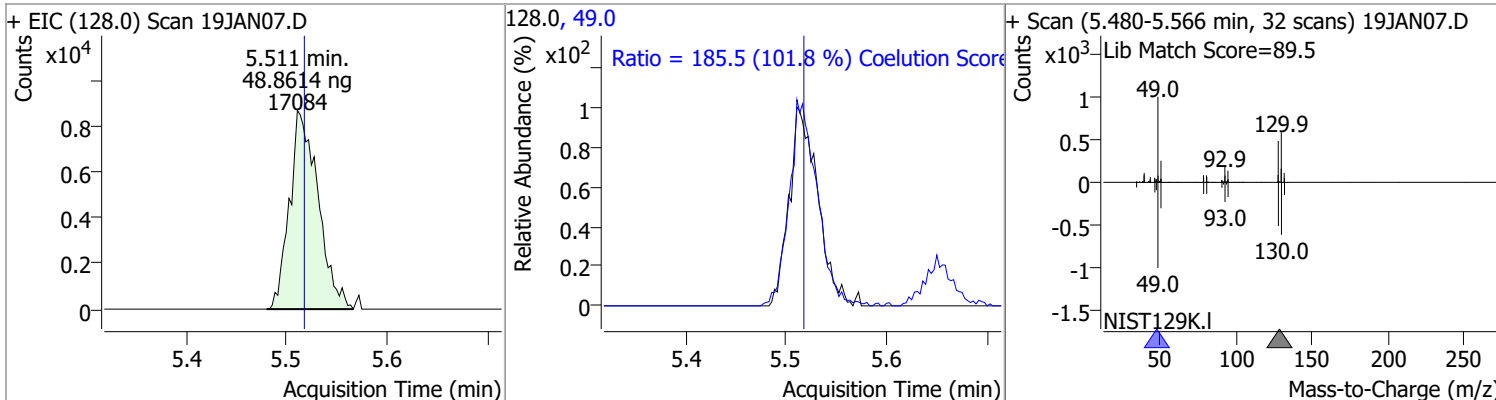
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 46.0997 | 5.21 | 0.00 | 39093 | 61.0 | 170.1 | 130.4 | 190.4 |
| | | | | | 98.0 | 67.2 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|-------|------|--------|-------|-------|
| Methyl ethyl ketone | 474.7821 | 5.28 | 0.01 | 58185 | 72.0 | 21.0 | 0.0 | 50.6 |

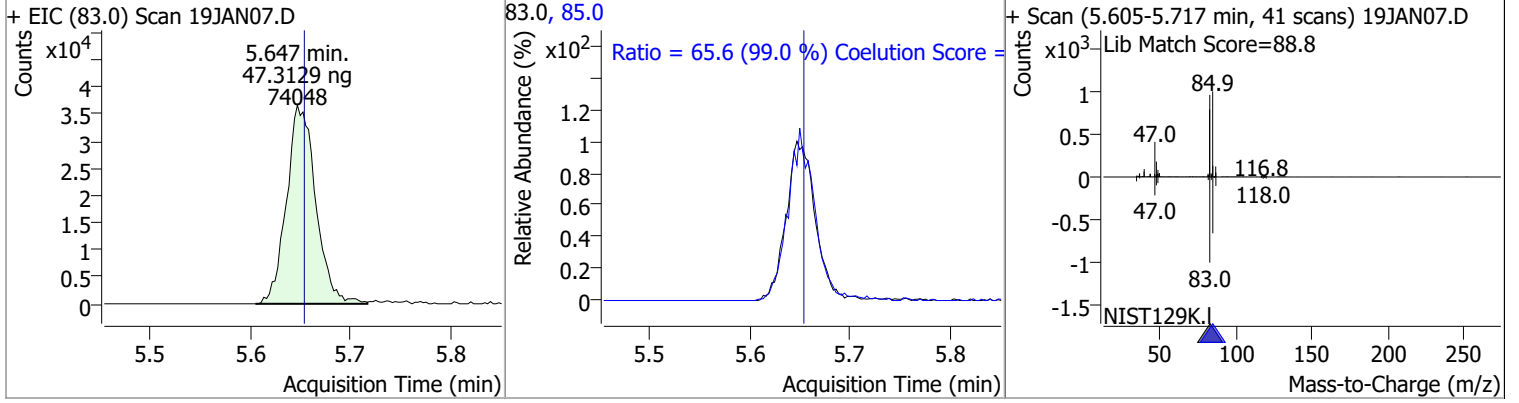


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 48.8614 | 5.51 | -0.01 | 17084 | 49.0 | 185.5 | 152.2 | 212.2 |

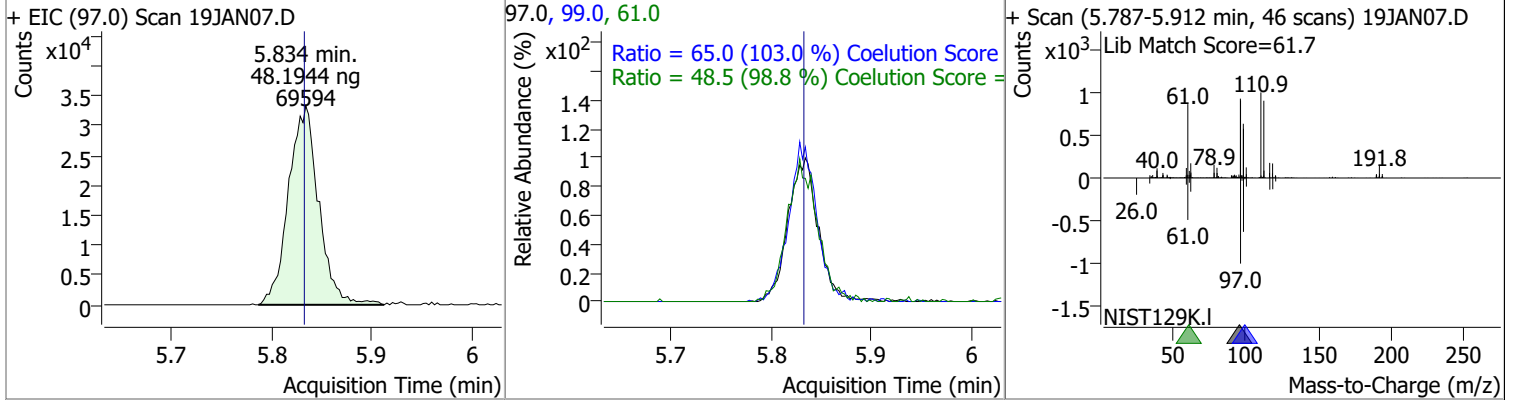


Quantitation Results Report (QT Reviewed)

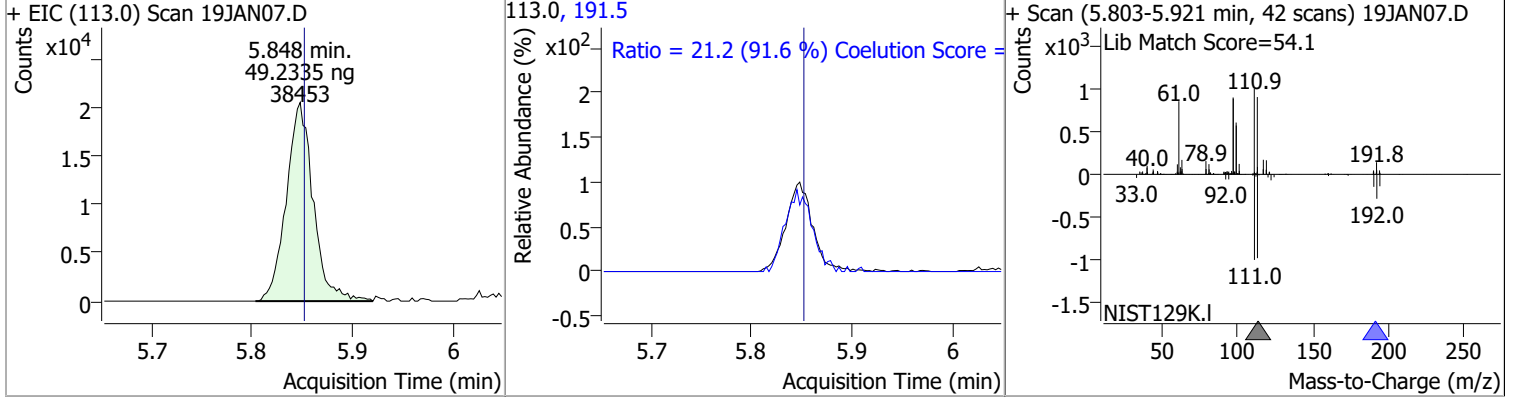
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|---------|------|----------|-------|------|--------|-------|-------|
| Chloroform | 47.3129 | 5.65 | -0.01 | 74048 | 85.0 | 65.6 | 36.2 | 96.2 |



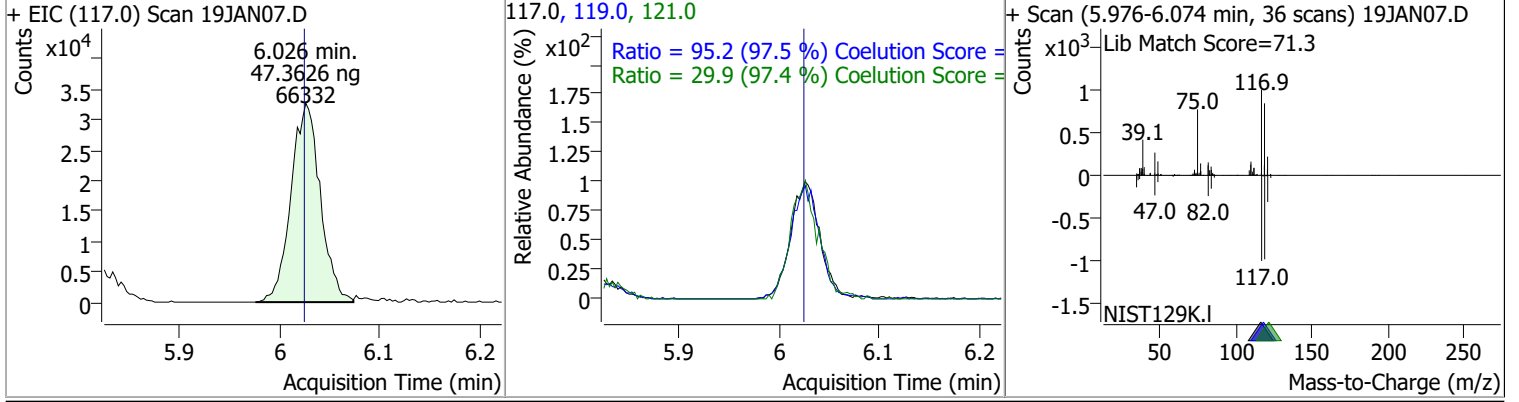
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 48.1944 | 5.83 | 0.00 | 69594 | 99.0 | 65.0 | 33.1 | 93.1 |
| | | | | | 61.0 | 48.5 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Dibromofluoromethane | 49.2335 | 5.85 | 0.00 | 38453 | 191.5 | 21.2 | 0.0 | 53.2 |

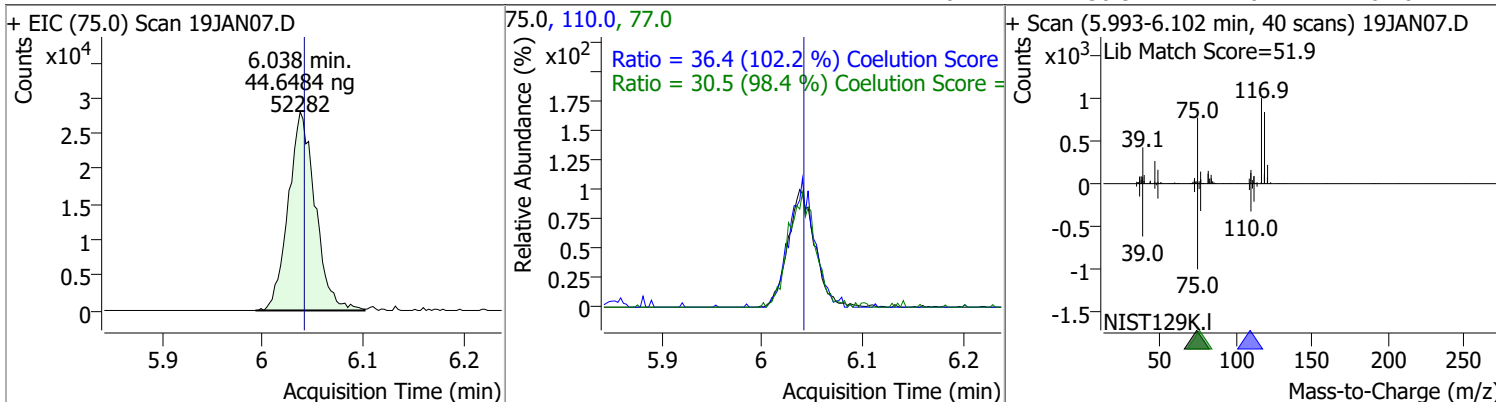


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Carbon tetrachloride | 47.3626 | 6.03 | 0.00 | 66332 | 119.0 | 95.2 | 67.6 | 127.6 |
| | | | | | 121.0 | 29.9 | 0.7 | 60.7 |

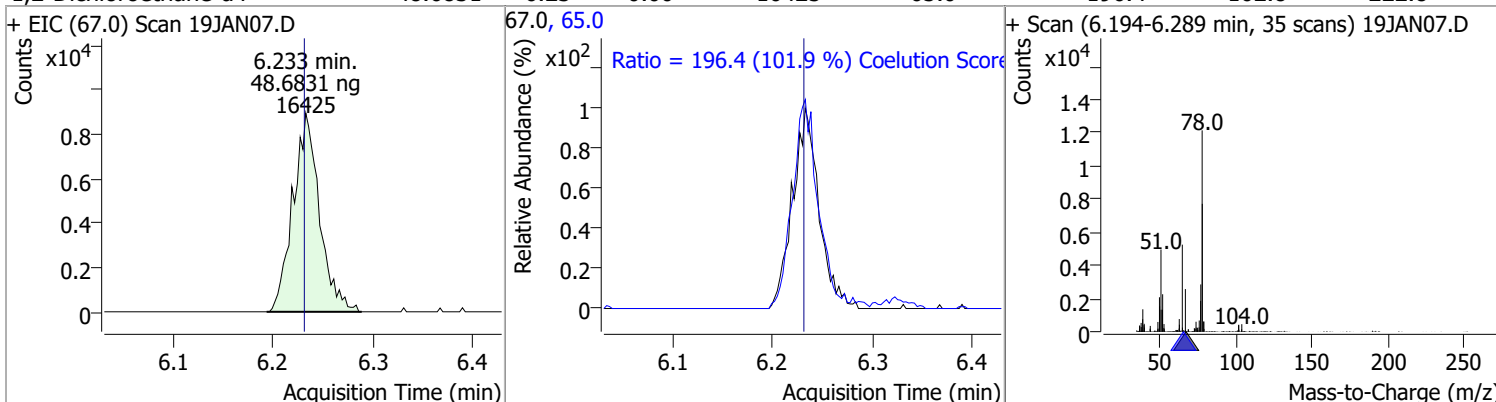


Quantitation Results Report (QT Reviewed)

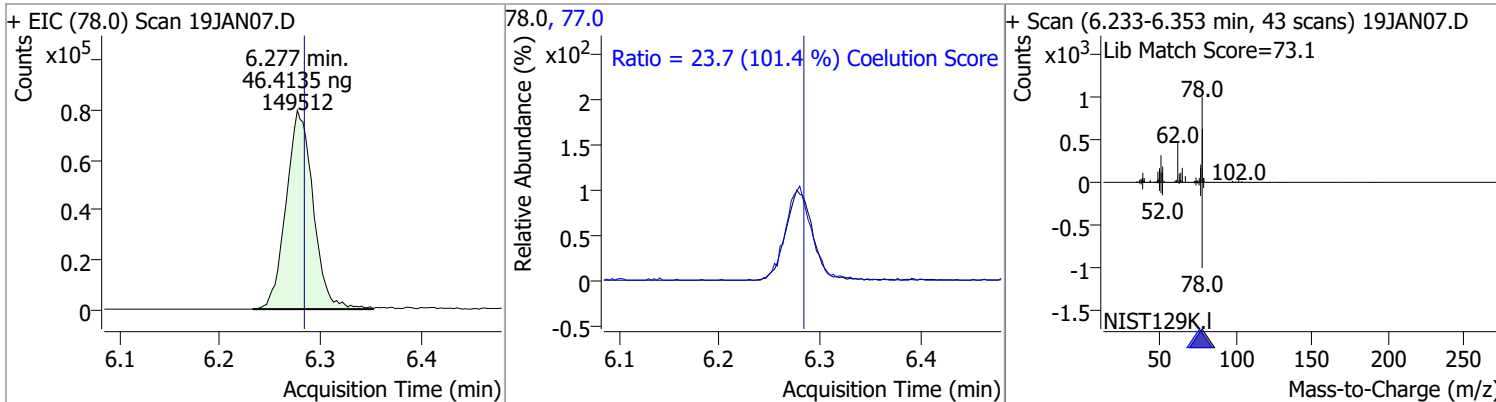
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 44.6484 | 6.04 | 0.00 | 52282 | 110.0 | 36.4 | 5.6 | 65.6 |
| | | | | | 77.0 | 30.5 | 1.0 | 61.0 |



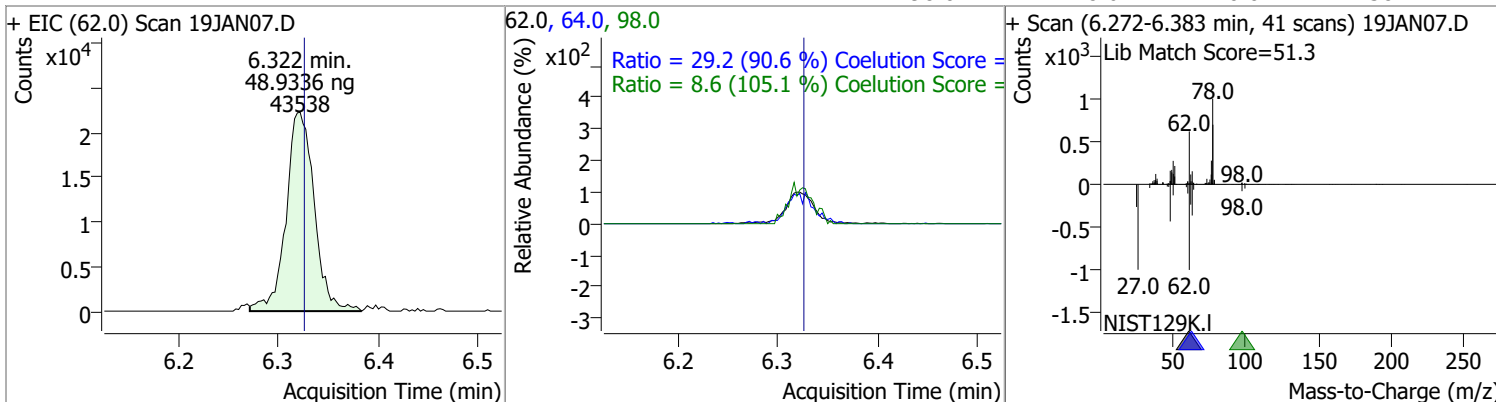
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 48.6831 | 6.23 | 0.00 | 16425 | 65.0 | 196.4 | 162.8 | 222.8 |
| | | | | | 67.0 | 196.4 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|------|----------|--------|------|--------|-------|-------|
| Benzene | 46.4135 | 6.28 | -0.01 | 149512 | 77.0 | 23.7 | 0.0 | 53.3 |
| | | | | | 78.0 | 23.7 | 0.0 | 53.3 |

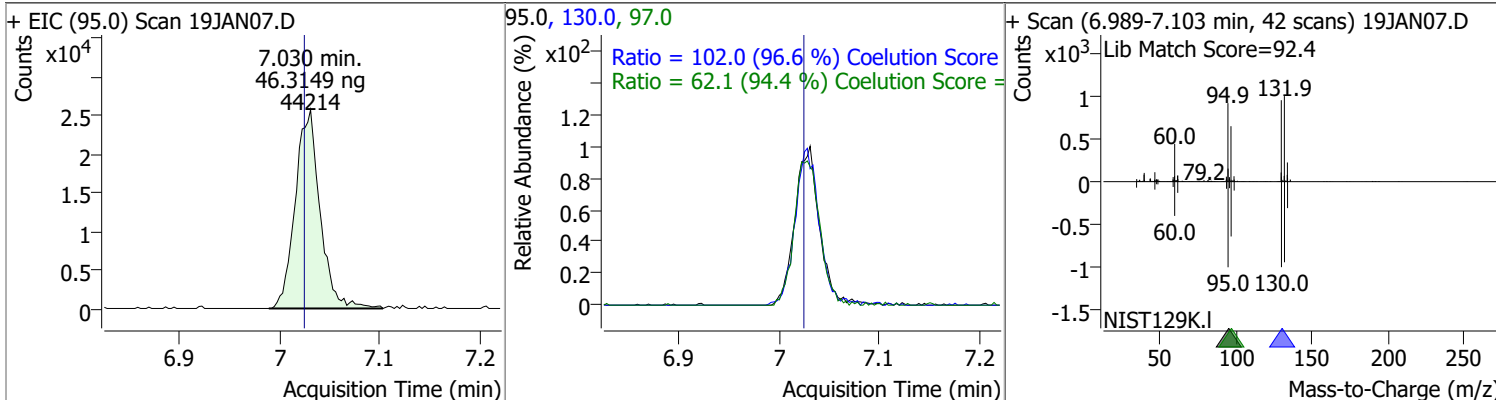


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane | 48.9336 | 6.32 | 0.00 | 43538 | 64.0 | 29.2 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.6 | 0.0 | 38.2 |
| | | | | | 98.0 | 8.6 | 0.0 | 38.2 |

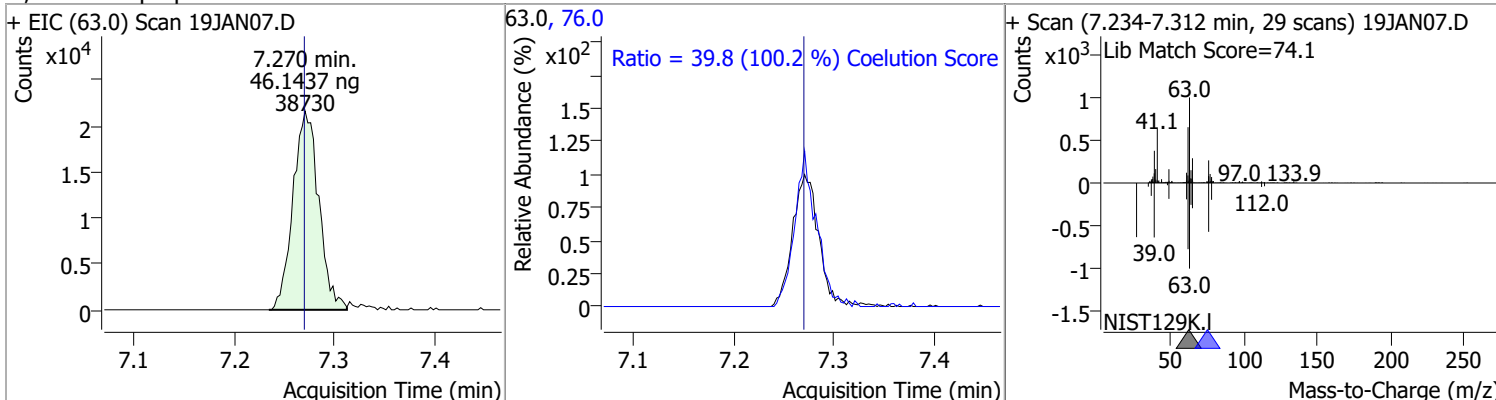


Quantitation Results Report (QT Reviewed)

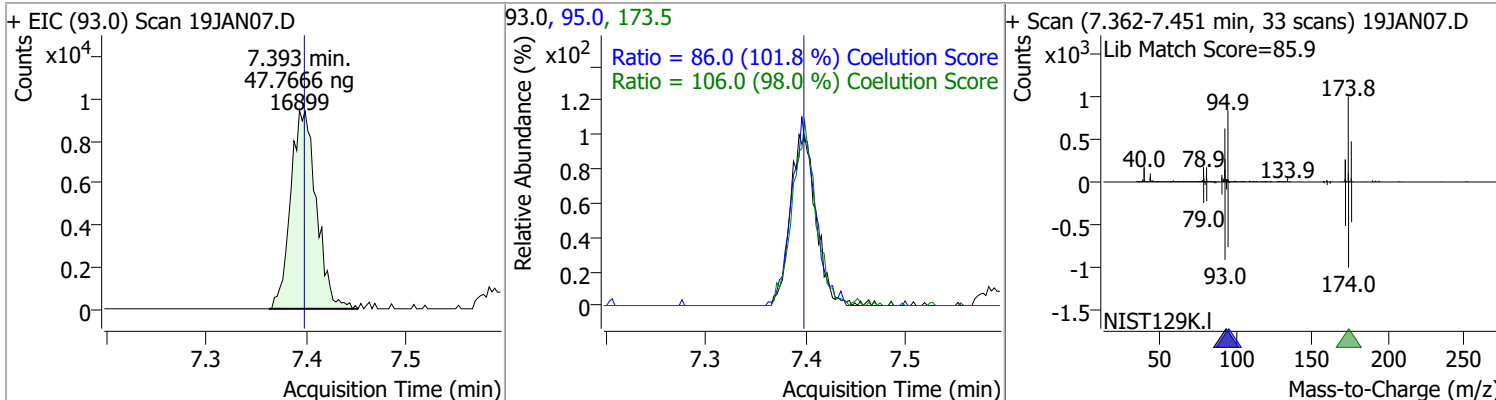
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|------|----------|-------|---------------|---------------|--------------|---------------|
| Trichloroethene | 46.3149 | 7.03 | 0.01 | 44214 | 130.0 97.0 | 102.0 62.1 | 75.6 35.7 | 135.6 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloropropane | 46.1437 | 7.27 | 0.00 | 38730 | 76.0 | 39.8 | 9.8 | 69.8 |

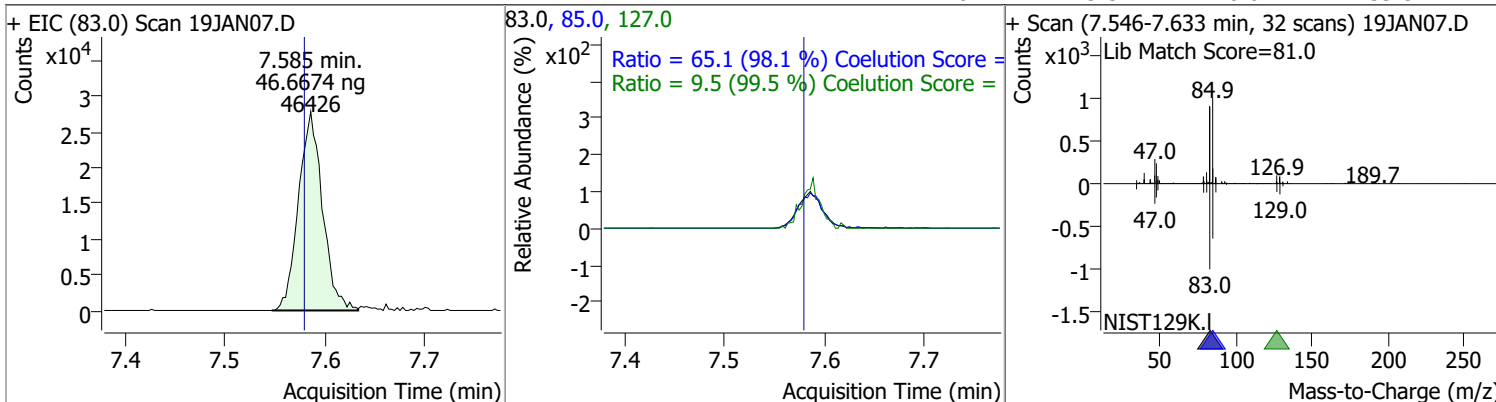


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|---------|------|----------|-------|---------------|---------------|--------------|----------------|
| Dibromomethane | 47.7666 | 7.39 | -0.01 | 16899 | 173.5 95.0 | 106.0 86.0 | 78.2 54.5 | 138.2 114.5 |

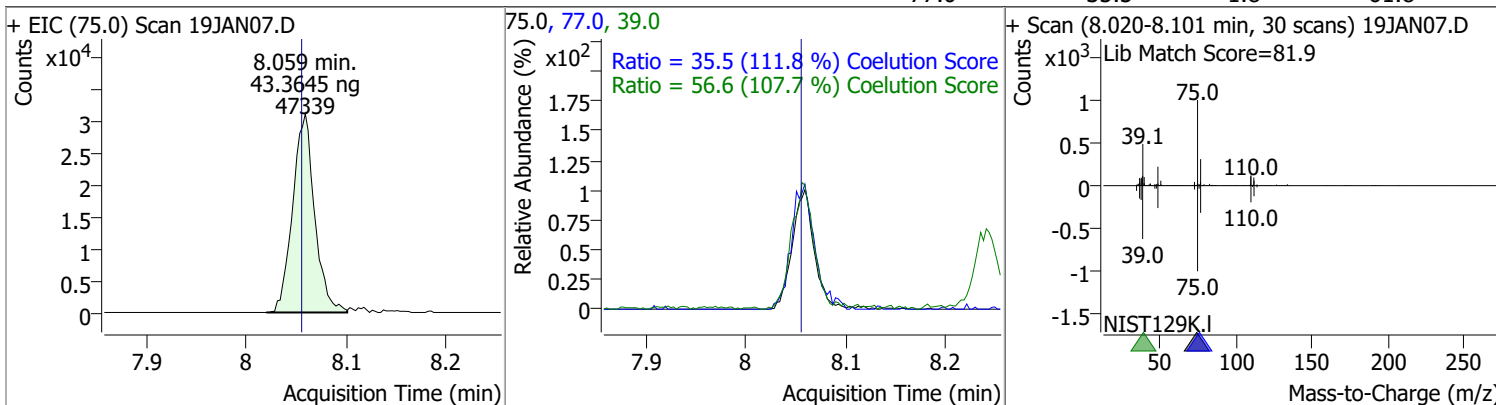


Quantitation Results Report (QT Reviewed)

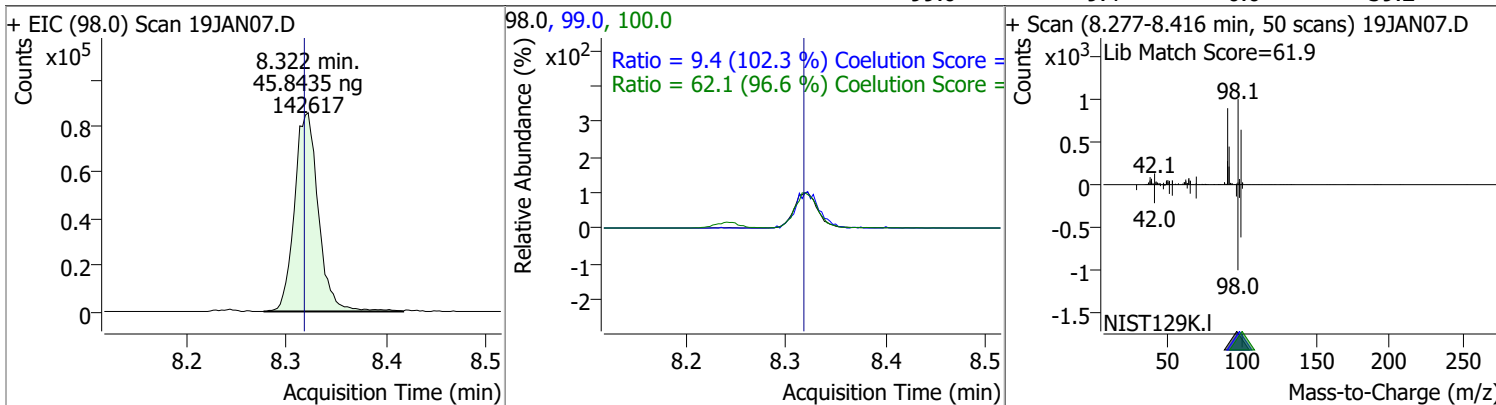
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Bromodichloromethane | 46.6674 | 7.59 | 0.01 | 46426 | 85.0 | 65.1 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.5 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|---------|------|----------|-------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 43.3645 | 8.06 | 0.00 | 47339 | 39.0 | 56.6 | 22.5 | 82.5 |
| | | | | | 77.0 | 35.5 | 1.8 | 61.8 |

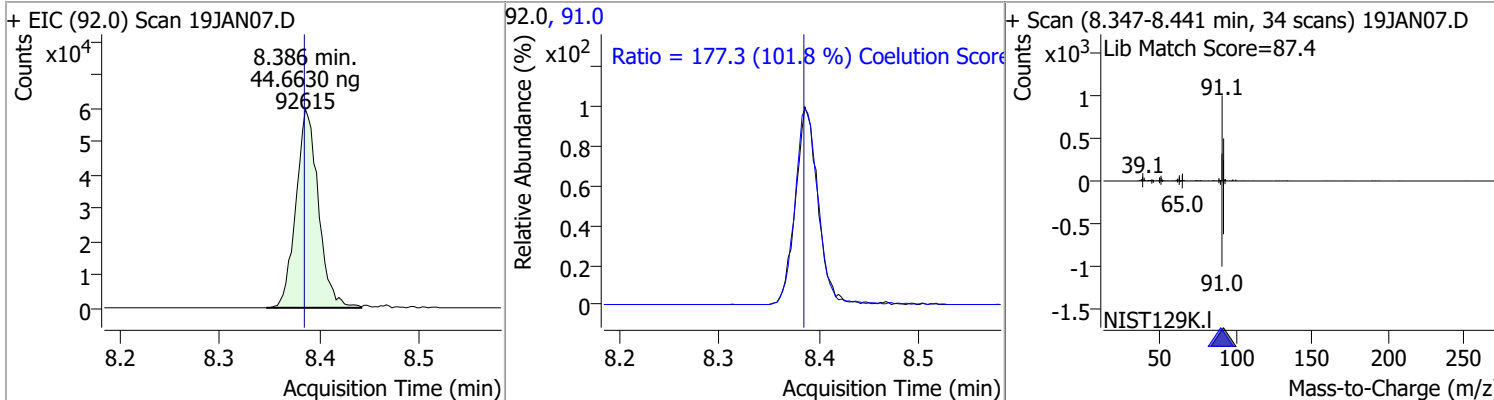


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|---------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 45.8435 | 8.32 | 0.00 | 142617 | 100.0 | 62.1 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |

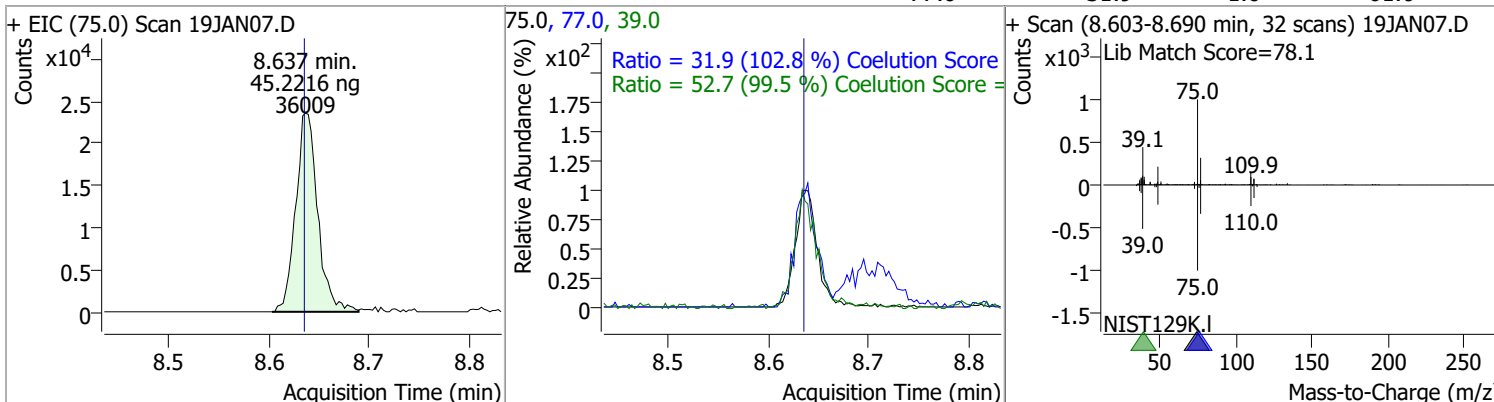


Quantitation Results Report (QT Reviewed)

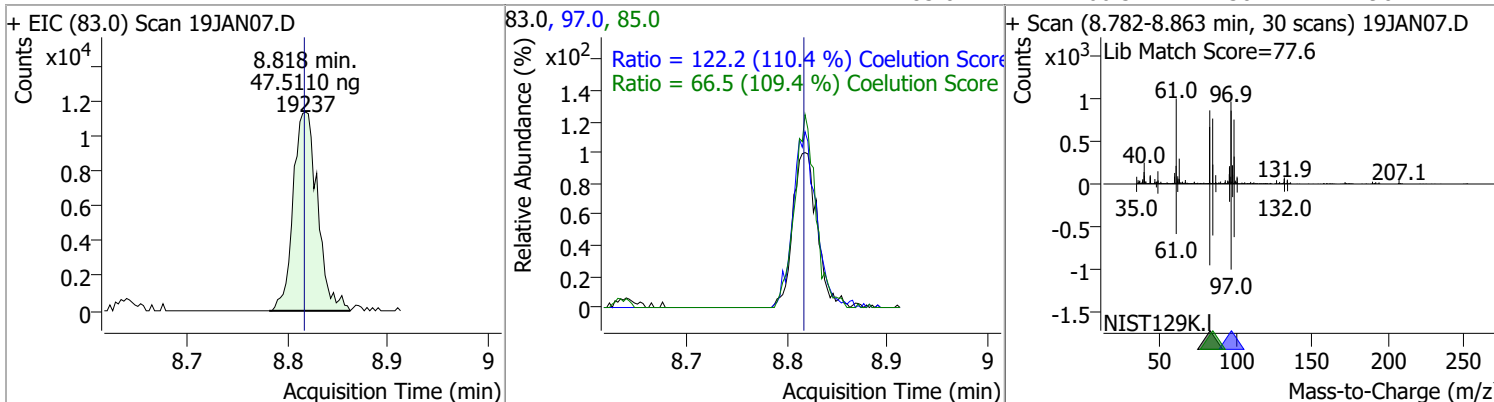
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|---------|------|----------|-------|------|--------|-------|-------|
| Toluene | 44.6630 | 8.39 | 0.00 | 92615 | 91.0 | 177.3 | 144.1 | 204.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|---------|------|----------|-------|--------------|--------------|-------------|--------------|
| trans-1,3-Dichloropropene | 45.2216 | 8.64 | 0.00 | 36009 | 39.0 77.0 | 52.7 31.9 | 23.0 1.0 | 83.0 61.0 |

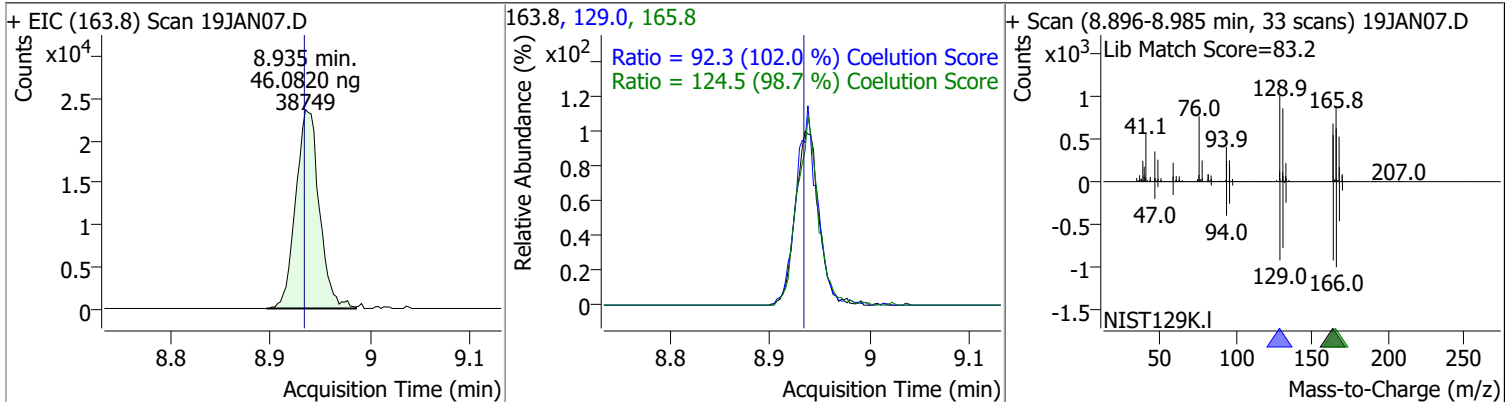


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|---------|------|----------|-------|--------------|---------------|--------------|---------------|
| 1,1,2-Trichloroethane | 47.5110 | 8.82 | 0.00 | 19237 | 97.0 85.0 | 122.2 66.5 | 80.7 30.7 | 140.7 90.7 |

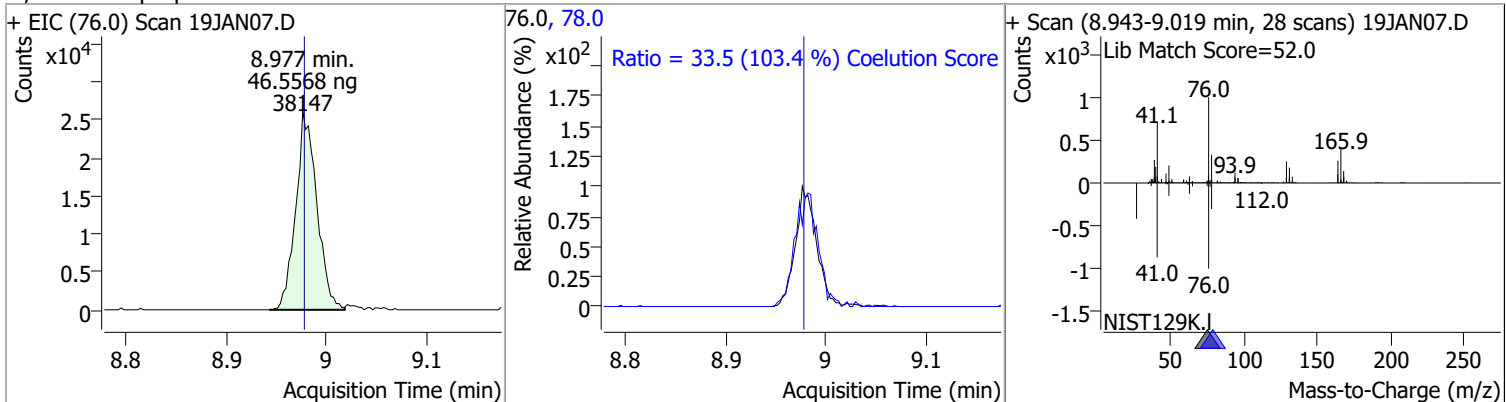


Quantitation Results Report (QT Reviewed)

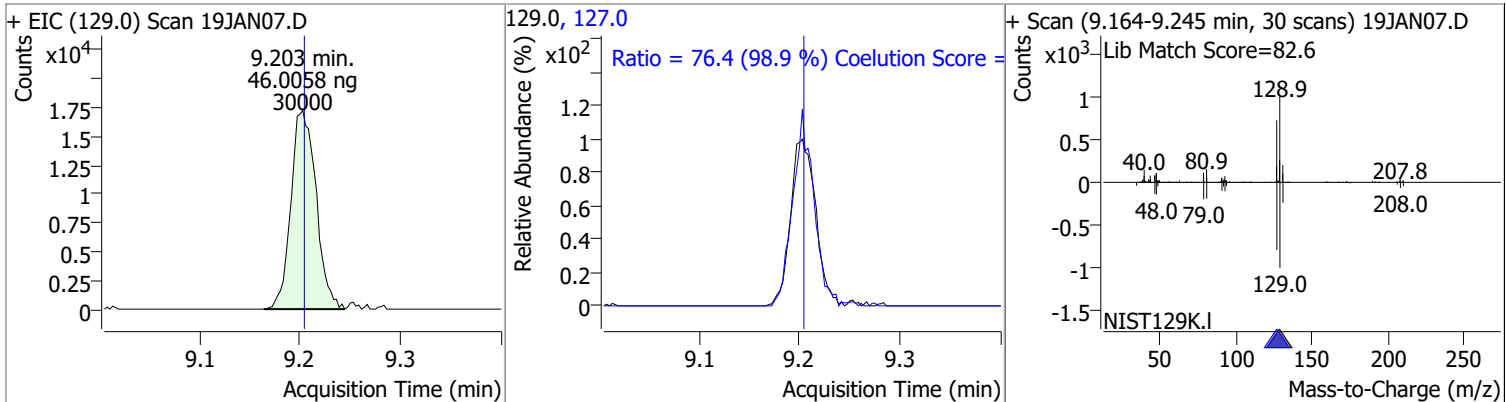
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Tetrachloroethene | 46.0820 | 8.94 | 0.00 | 38749 | 165.8 | 124.5 | 96.1 | 156.1 |
| | | | | | 129.0 | 92.3 | 60.5 | 120.5 |



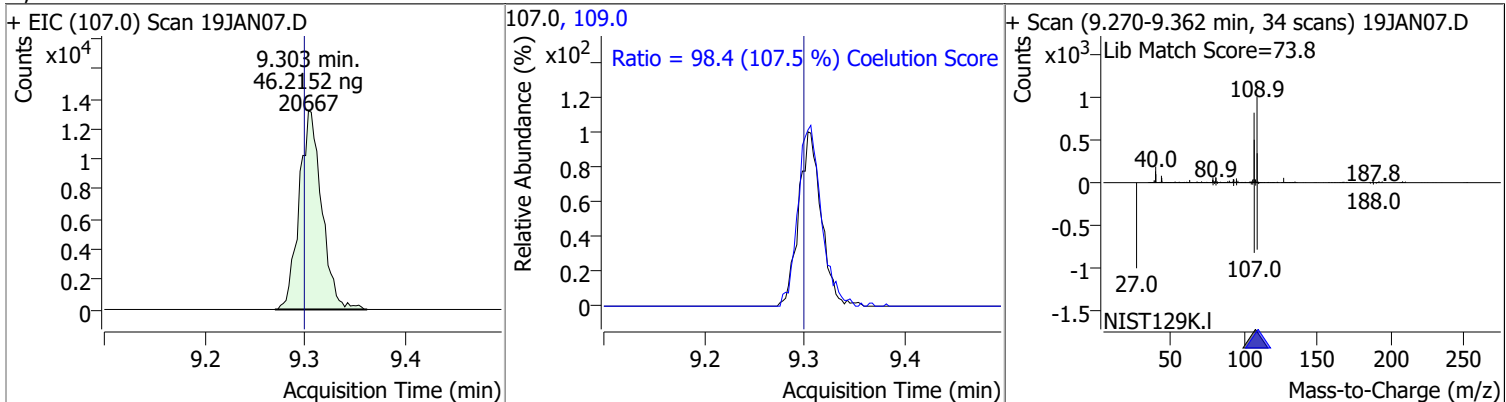
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| 1,3-Dichloropropane | 46.5568 | 8.98 | 0.00 | 38147 | 78.0 | 33.5 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|---------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 46.0058 | 9.20 | 0.00 | 30000 | 127.0 | 76.4 | 47.2 | 107.2 |



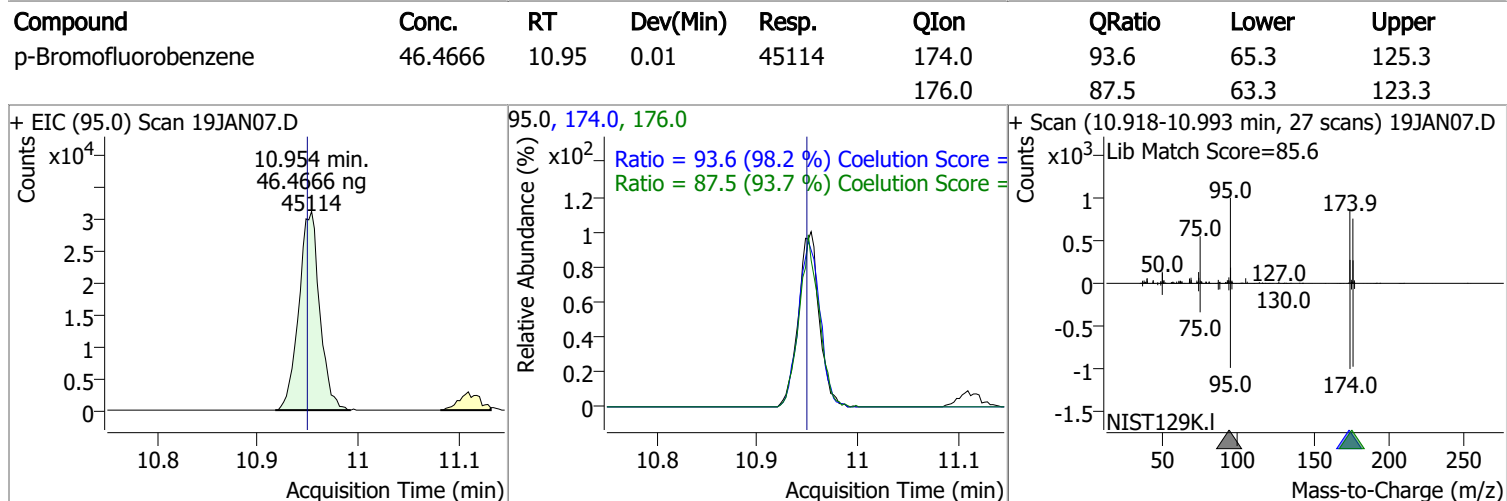
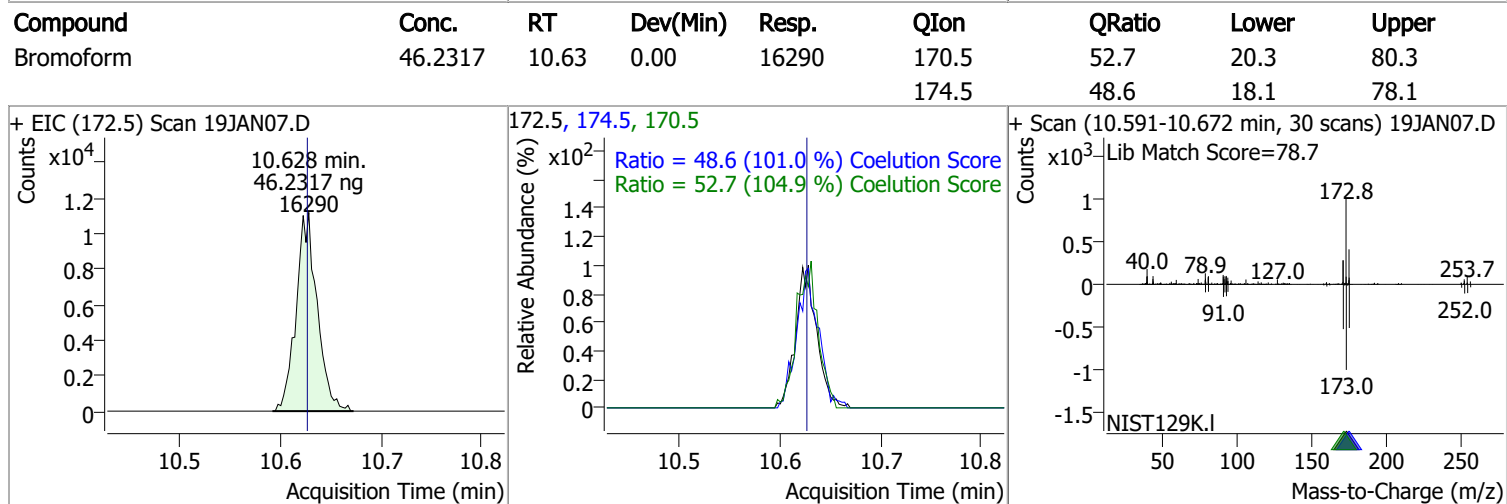
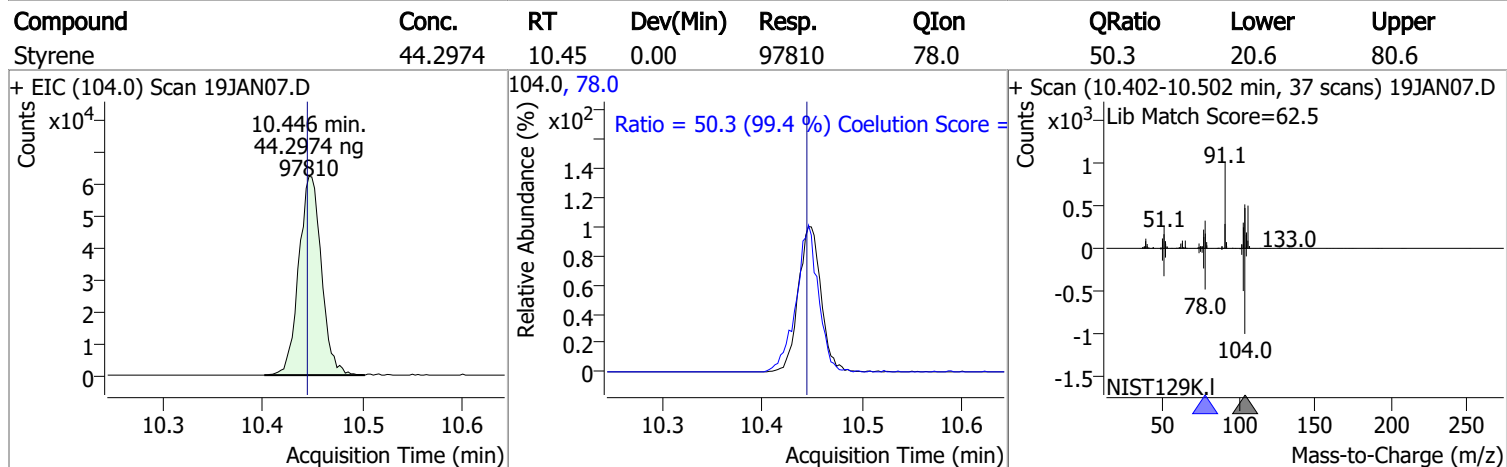
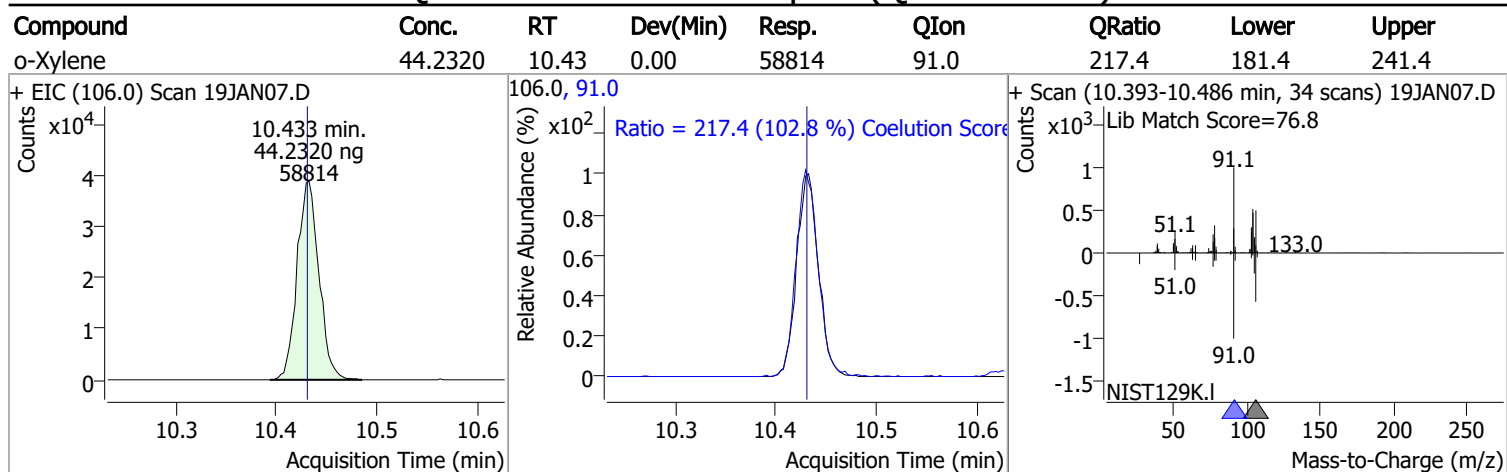
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|---------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 46.2152 | 9.30 | 0.00 | 20667 | 109.0 | 98.4 | 61.5 | 121.5 |



Quantitation Results Report (QT Reviewed)

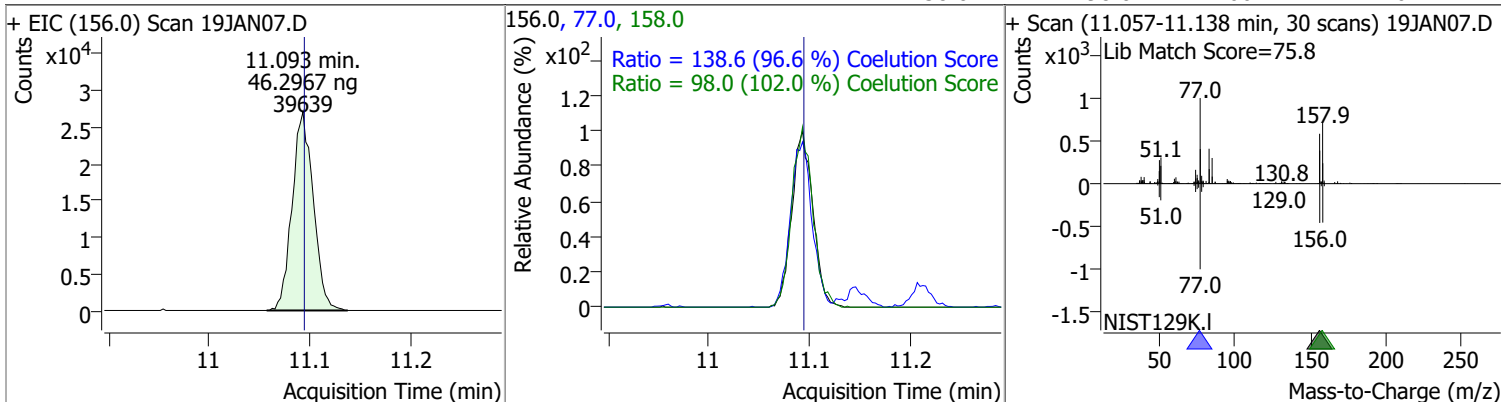
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|---------|-------|--------------|--------|-------|--|-------|-------|
| Chlorobenzene | 46.7283 | 9.80 | 0.00 | 106223 | 114.0 | 31.1 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN07.D | | | 112.0, 114.0 | | | + Scan (9.763-9.878 min, 42 scans) 19JAN07.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 46.8776 | 9.89 | -0.01 | 37389 | 133.0 | 91.1 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN07.D | | | 131.0, 133.0 | | | + Scan (9.852-9.950 min, 36 scans) 19JAN07.D | | |
| | | | | | | | | |
| Ethylbenzene | 44.7337 | 9.92 | 0.00 | 171854 | 106.0 | 31.2 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN07.D | | | 91.0, 106.0 | | | + Scan (9.883-9.989 min, 39 scans) 19JAN07.D | | |
| | | | | | | | | |
| m+p-Xylenes | 89.3329 | 10.04 | 0.00 | 136806 | 91.0 | 199.8 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN07.D | | | 106.0, 91.0 | | | + Scan (10.000-10.095 min, 35 scans) 19JAN07.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

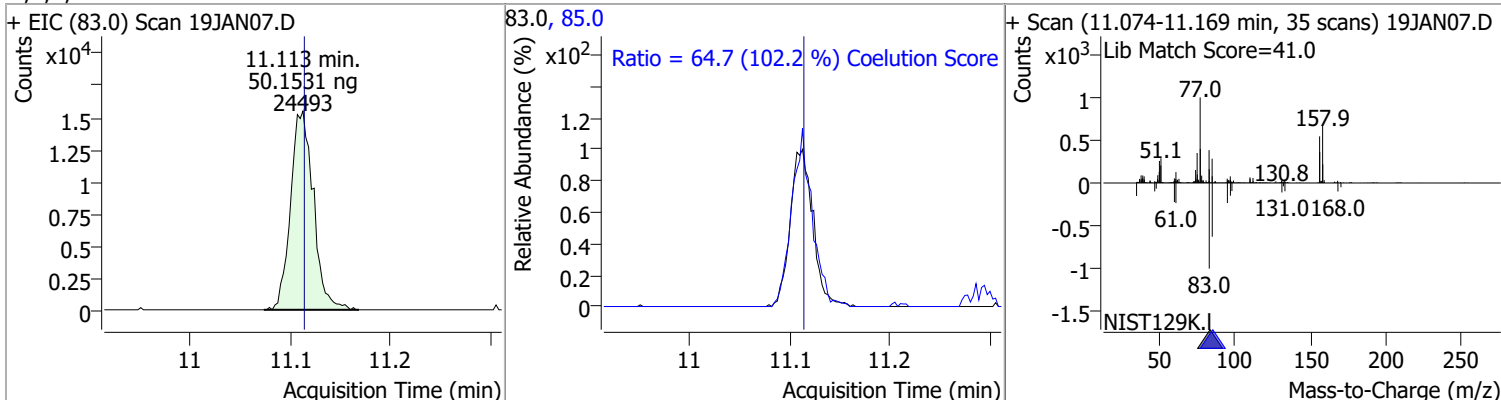


Quantitation Results Report (QT Reviewed)

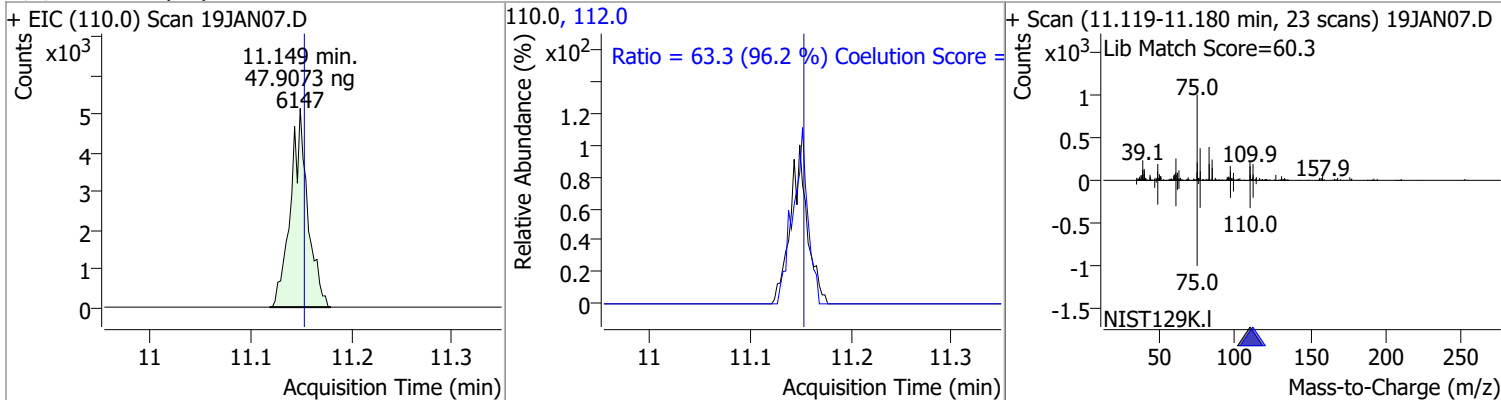
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|---------|-------|----------|-------|-------|--------|-------|-------|
| Bromobenzene | 46.2967 | 11.09 | 0.00 | 39639 | 77.0 | 138.6 | 113.5 | 173.5 |
| | | | | | 158.0 | 98.0 | 66.1 | 126.1 |



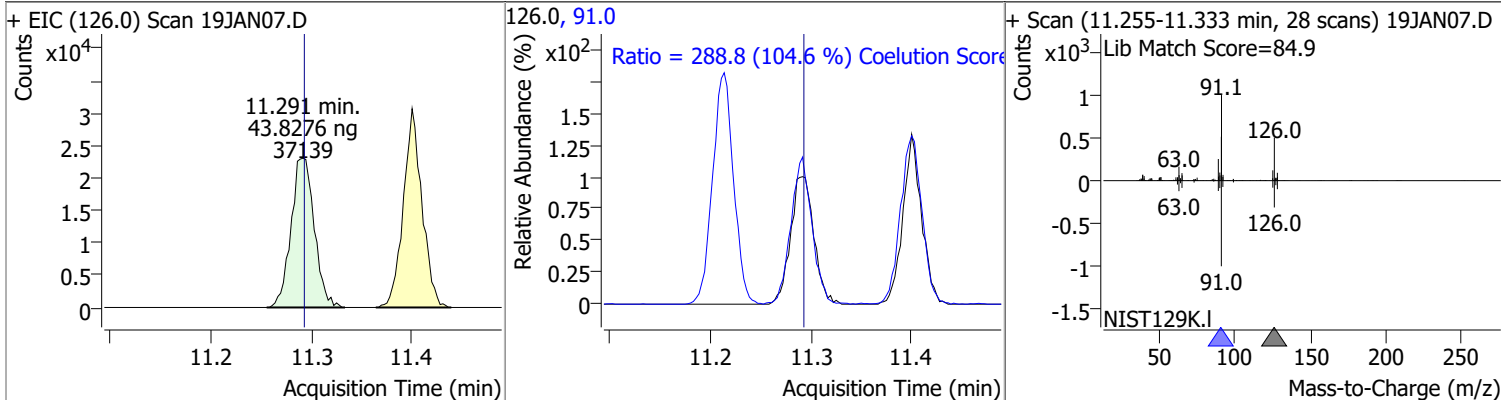
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|---------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 50.1531 | 11.11 | 0.00 | 24493 | 85.0 | 64.7 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 47.9073 | 11.15 | 0.00 | 6147 | 112.0 | 63.3 | 35.8 | 95.8 |

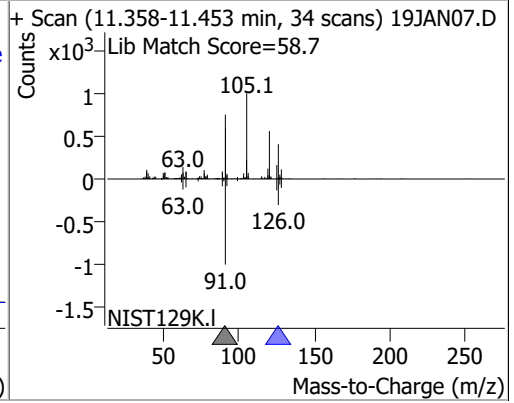
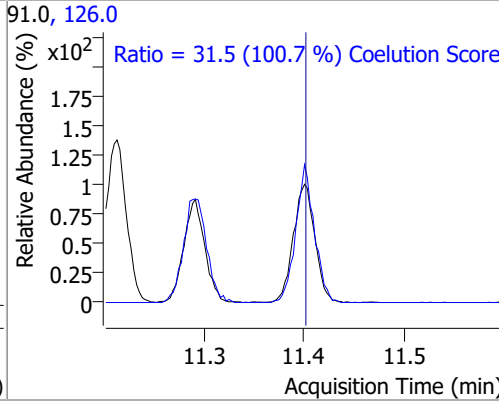
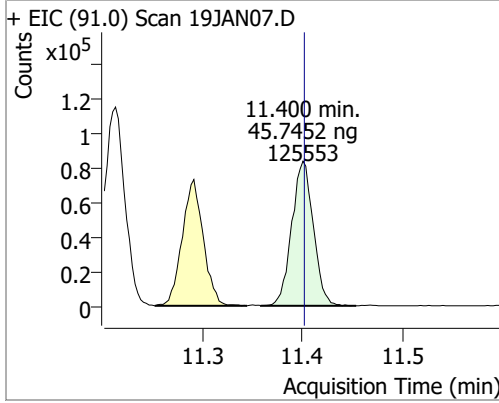


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|-------|----------|-------|------|--------|-------|-------|
| 2-Chlorotoluene | 43.8276 | 11.29 | 0.00 | 37139 | 91.0 | 288.8 | 246.2 | 306.2 |

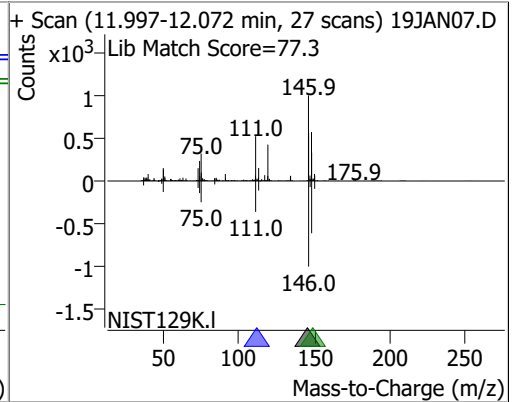
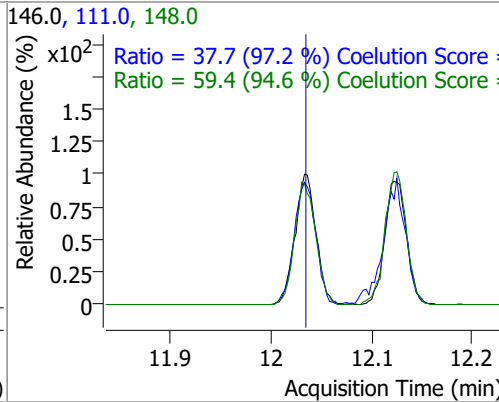
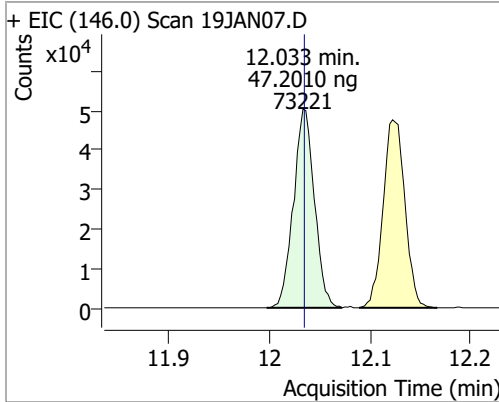


Quantitation Results Report (QT Reviewed)

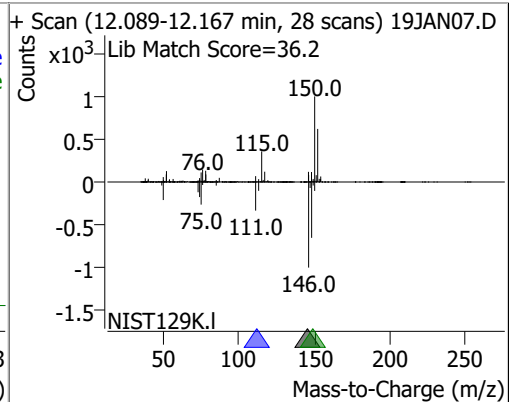
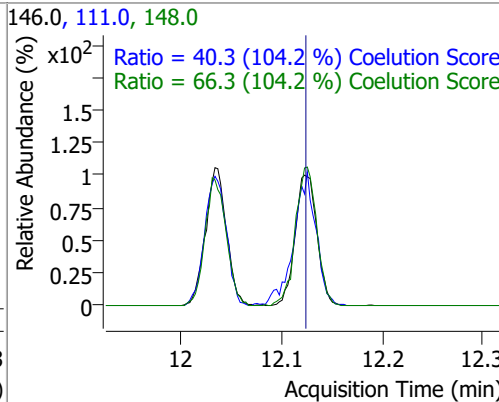
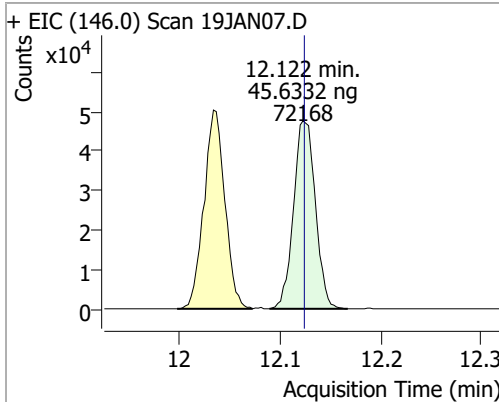
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|---------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 45.7452 | 11.40 | 0.00 | 125553 | 126.0 | 31.5 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 47.2010 | 12.03 | 0.00 | 73221 | 148.0 | 59.4 | 32.8 | 92.8 |
| | | | | | 111.0 | 37.7 | 8.7 | 68.7 |

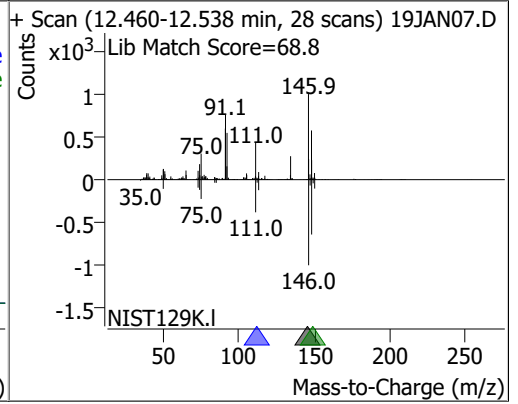
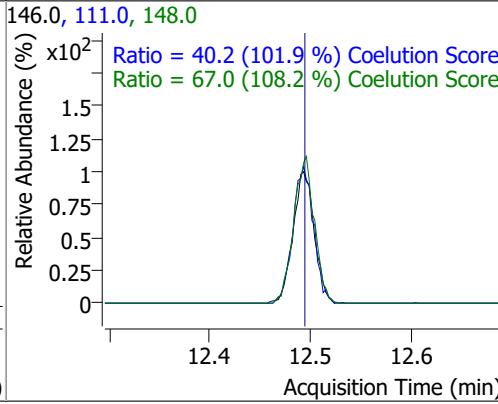
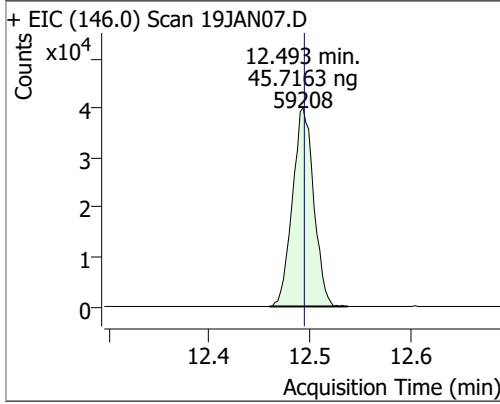


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 45.6332 | 12.12 | 0.00 | 72168 | 148.0 | 66.3 | 33.7 | 93.7 |
| | | | | | 111.0 | 40.3 | 8.7 | 68.7 |



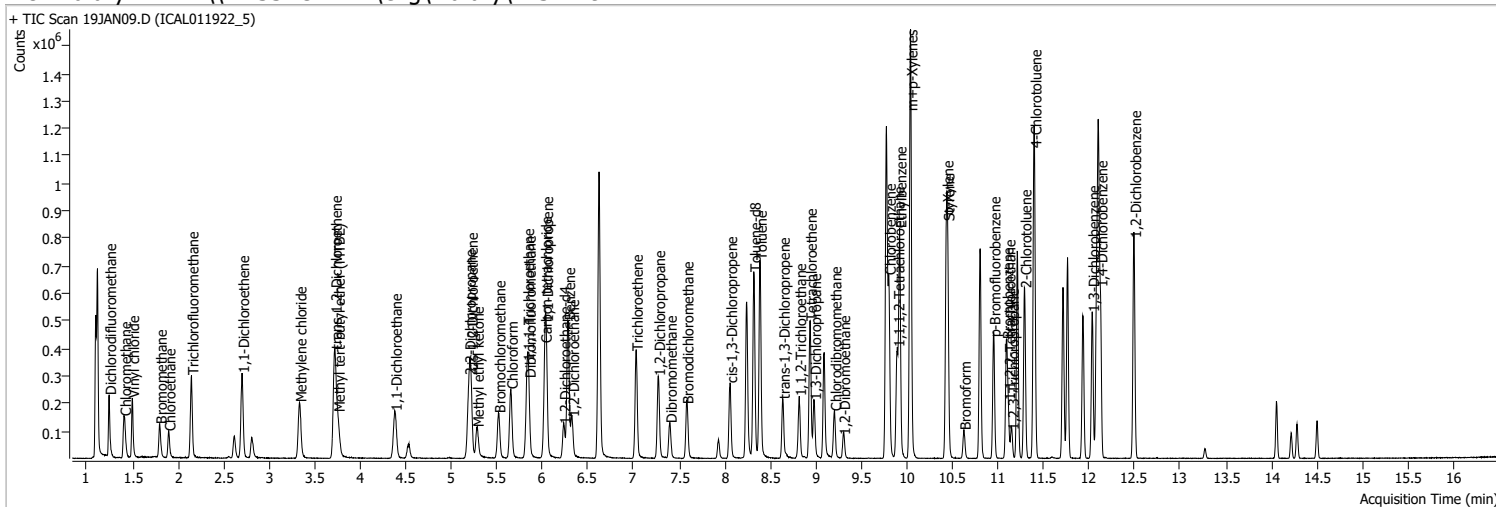
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|-------|----------|-------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 45.7163 | 12.49 | 0.00 | 59208 | 148.0 | 67.0 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.2 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN09.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 1:04:20 PM |
| Sample Name | ICAL011922_5 | Instrument | VOA5975C |
| Vial | 9 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



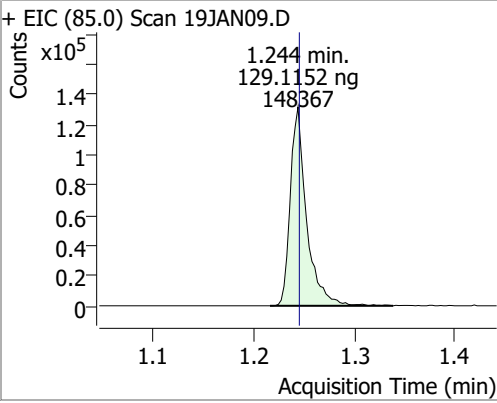
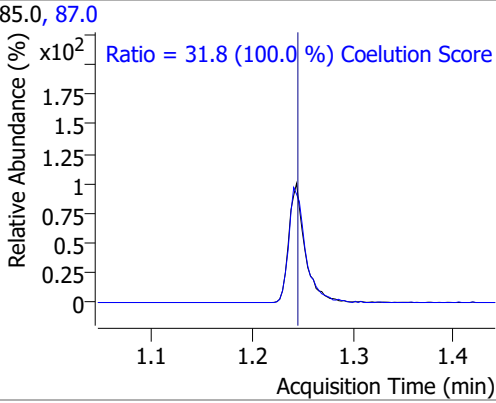
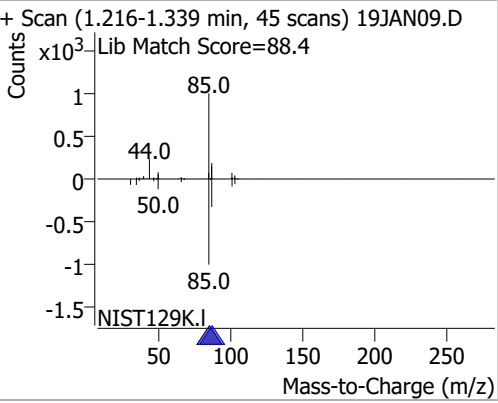
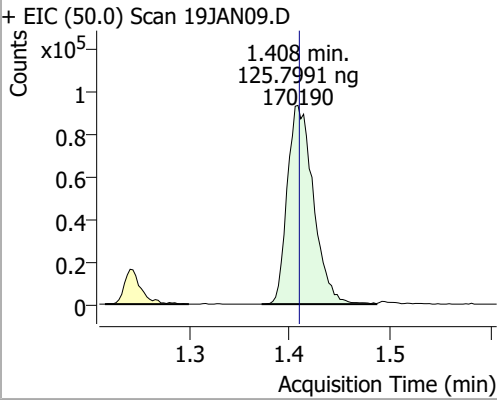
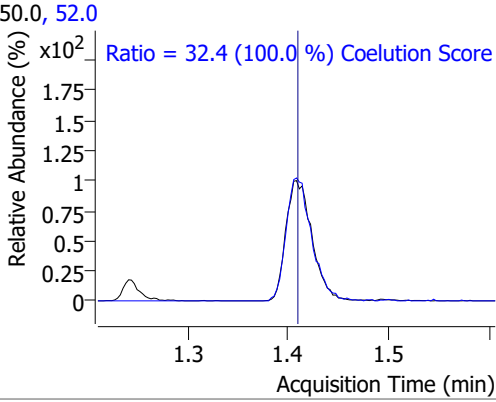
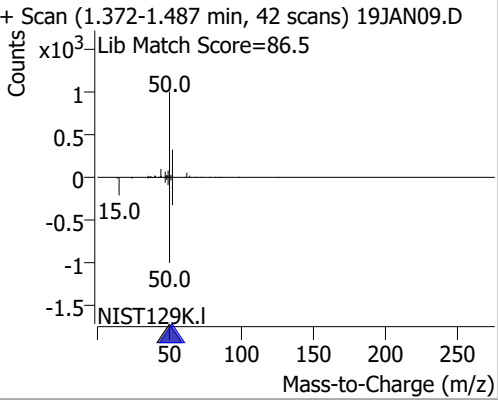
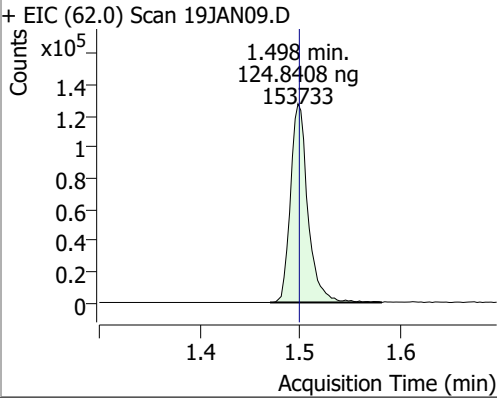
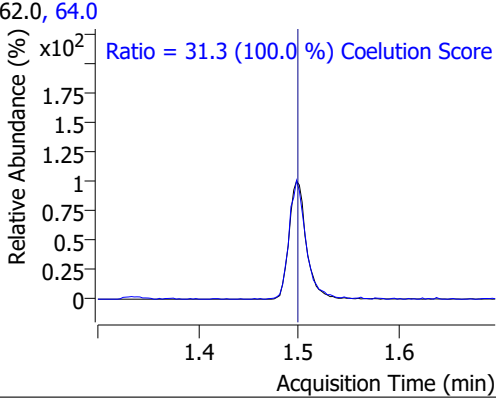
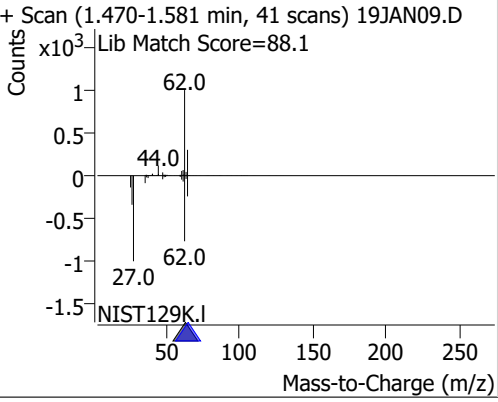
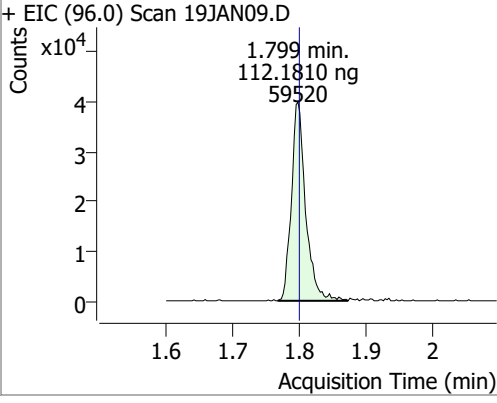
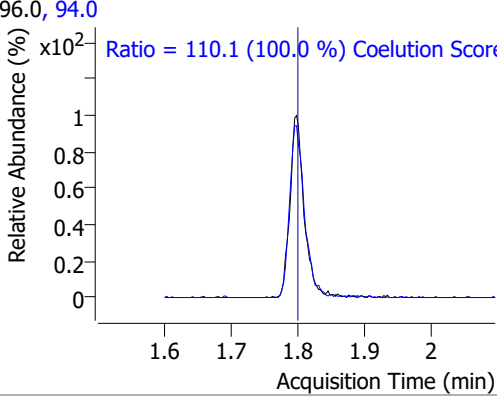
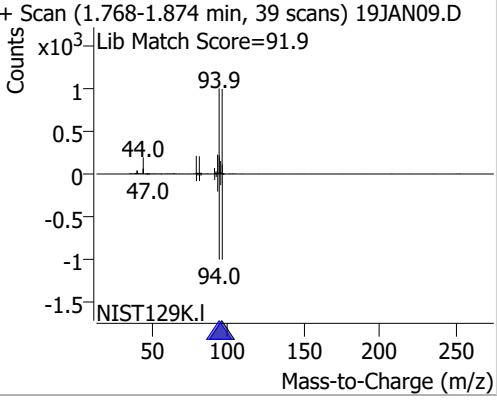
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|-------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 854591 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 330468 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 278012 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.851 | 113.0 | 100821 | 121.8025 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 48.72% | * | |
| S 1,2-Dichloroethane-d4 | 6.230 | 67.0 | 45314 | 126.7303 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 50.69% | * | |
| S Toluene-d8 | 8.319 | 98.0 | 412799 | 128.0381 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 51.22% | * | |
| S p-Bromofluorobenzene | 10.948 | 95.0 | 128330 | 125.0189 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 50.01% | * | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 148367 | 129.1152 | ng | 100 |
| T Chloromethane | 1.408 | 50.0 | 170190 | 125.7991 | ng | 100 |
| T Vinyl chloride | 1.498 | 62.0 | 153733 | 124.8408 | ng | 100 |
| T Bromomethane | 1.799 | 96.0 | 59520 | 112.1810 | ng | 100 |
| T Chloroethane | 1.897 | 64.0 | 65407 | 112.2655 | ng | 100 |
| T Trichlorofluoromethane | 2.147 | 101.0 | 193579 | 131.0926 | ng | 100 |
| T 1,1-Dichloroethene | 2.702 | 96.0 | 105649 | 122.9596 | ng | 100 |
| T Methylene chloride | 3.333 | 49.0 | 149957 | 120.0395 | ng | 100 |
| T trans-1,2-Dichloroethene | 3.720 | 96.0 | 110255 | 124.2147 | ng | 100 |
| T Methyl tert-butyl ether (MTBE) | 3.754 | 73.0 | 136973 | 123.4648 | ng | 100 |
| T 1,1-Dichloroethane | 4.378 | 63.0 | 205663 | 123.8038 | ng | 100 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 153450 | 122.5736 | ng | 100 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 112808 | 125.5204 | ng | 100 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 154105 | 1186.5197 | ng | 100 |
| T Bromochloromethane | 5.516 | 128.0 | 45958 | 124.0258 | ng | 100 |
| T Chloroform | 5.653 | 83.0 | 196261 | 118.3246 | ng | 100 |

Quantitation Results Report (QT Reviewed)

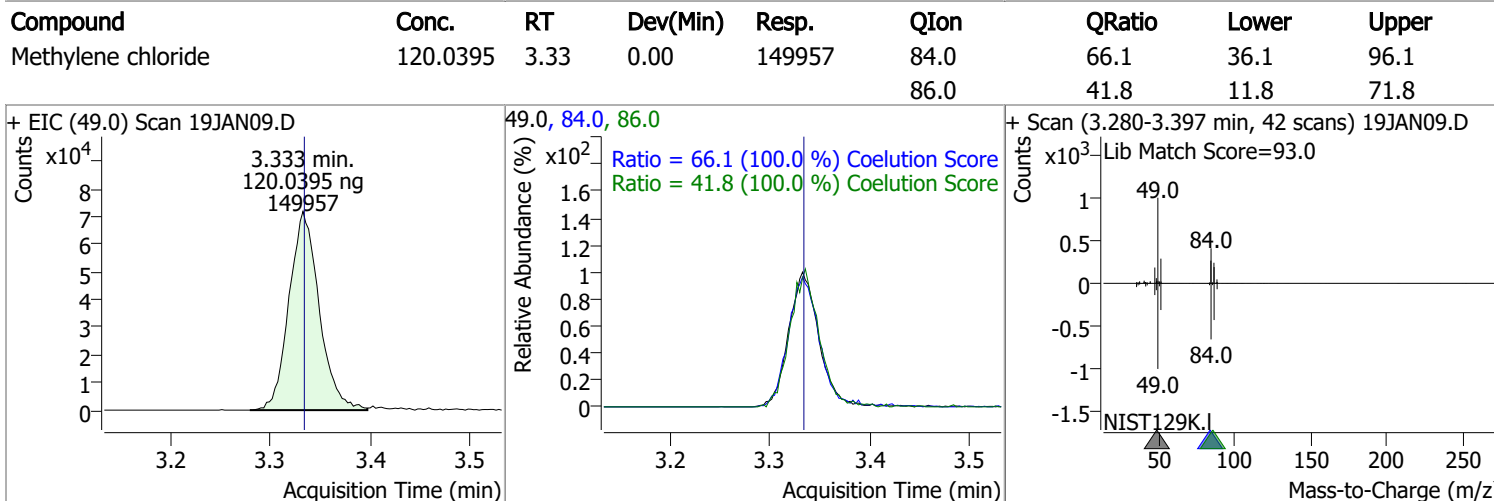
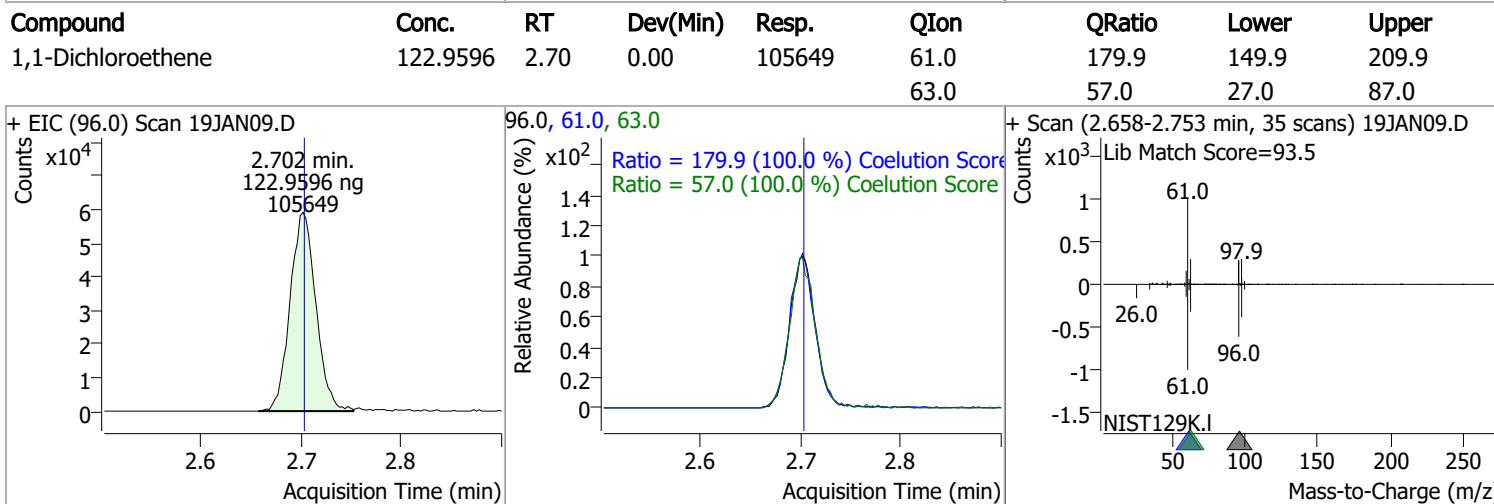
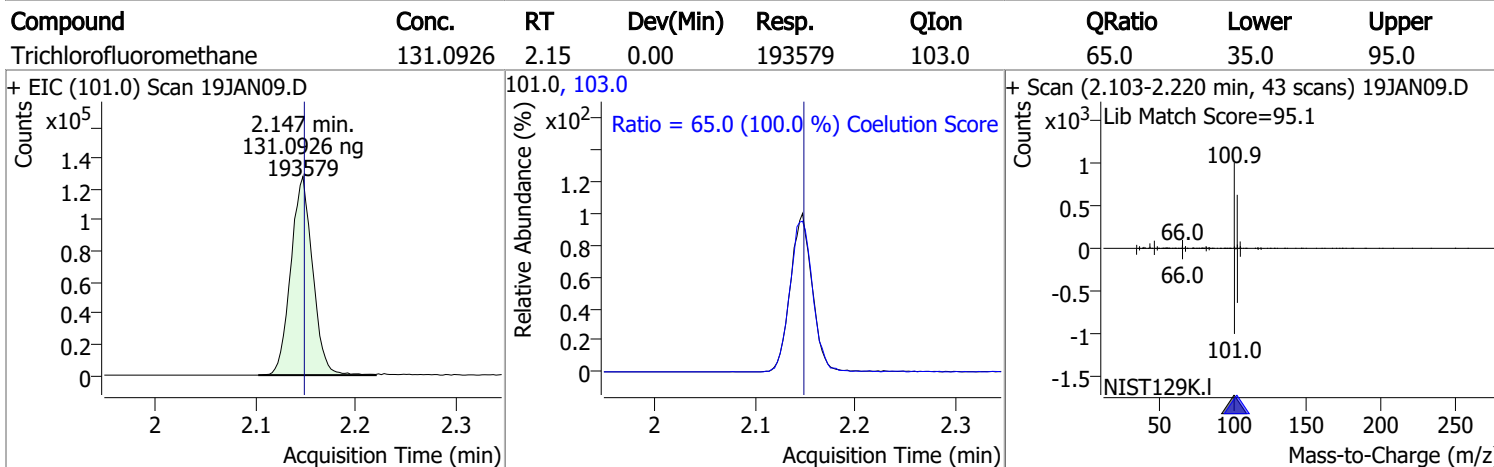
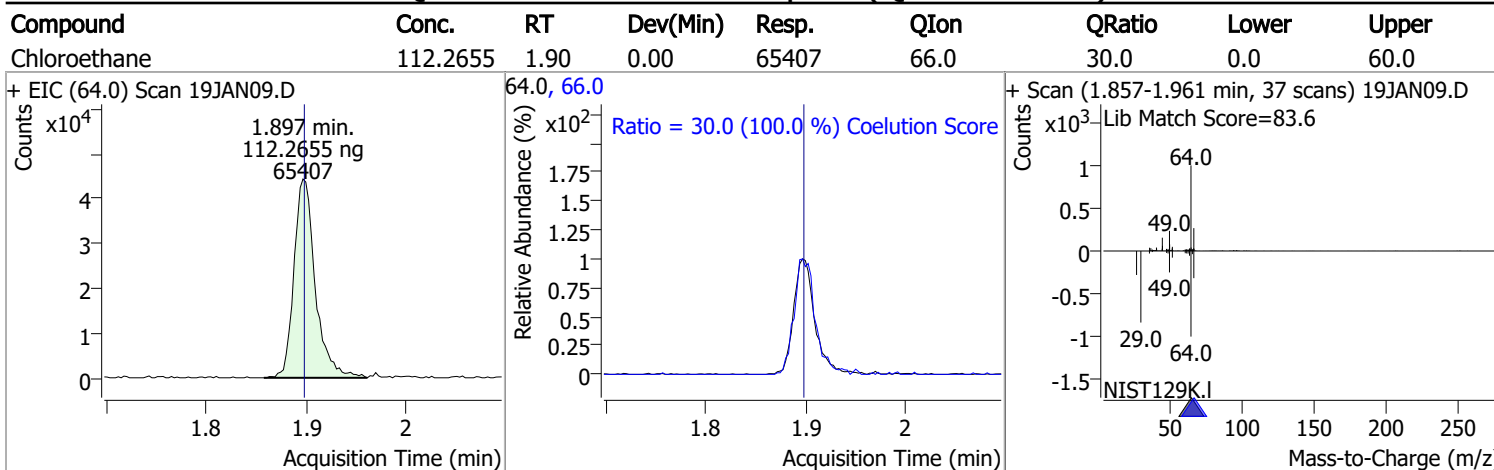
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.831 | 97.0 | 189468 | 123.8043 | ng | 100 |
| T Carbon tetrachloride | 6.024 | 117.0 | 183978 | 123.9520 | ng | 100 |
| T 1,1-Dichloropropene | 6.040 | 75.0 | 156331 | 125.9718 | ng | 100 |
| T Benzene | 6.283 | 78.0 | 424881 | 124.4545 | ng | 100 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 109046 | 115.6442 | ng | 100 |
| T Trichloroethene | 7.025 | 95.0 | 120511 | 121.8095 | ng | 100 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 106955 | 122.9589 | ng | 100 |
| T Dibromomethane | 7.398 | 93.0 | 44657 | 121.7998 | ng | 100 |
| T Bromodichloromethane | 7.580 | 83.0 | 124982 | 121.2255 | ng | 100 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 139607 | 123.4003 | ng | 100 |
| T Toluene | 8.386 | 92.0 | 269549 | 125.4292 | ng | 100 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 102846 | 124.6280 | ng | 100 |
| T 1,1,2-Trichloroethane | 8.818 | 83.0 | 52780 | 125.7824 | ng | 100 |
| T Tetrachloroethene | 8.935 | 163.8 | 109194 | 125.3035 | ng | 100 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 101384 | 119.3950 | ng | 100 |
| T Chlorodibromomethane | 9.206 | 129.0 | 83172 | 123.0729 | ng | 100 |
| T 1,2-Dibromoethane | 9.300 | 107.0 | 58489 | 126.2047 | ng | 100 |
| T Chlorobenzene | 9.800 | 112.0 | 289340 | 122.8185 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.894 | 131.0 | 101500 | 122.7951 | ng | 100 |
| T Ethylbenzene | 9.919 | 91.0 | 505127 | 123.1021 | ng | 100 |
| T m+p-Xylenes | 10.039 | 106.0 | 405724 | 248.1048 | ng | 100 |
| T o-Xylene | 10.433 | 106.0 | 179108 | 125.1872 | ng | 100 |
| T Styrene | 10.446 | 104.0 | 292722 | 123.7696 | ng | 100 |
| T Bromoform | 10.625 | 172.5 | 45045 | 120.9158 | ng | 100 |
| T Bromobenzene | 11.093 | 156.0 | 112733 | 124.5365 | ng | 100 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 62640 | 121.3181 | ng | 100 |
| T 1,2,3-Trichloropropane | 11.152 | 110.0 | 16355 | 120.5610 | ng | 100 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 114135 | 127.3956 | ng | 100 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 375931 | 129.5521 | ng | 100 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 200403 | 122.1906 | ng | 100 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 205880 | 123.1312 | ng | 100 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 169723 | 123.9507 | ng | 100 |

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

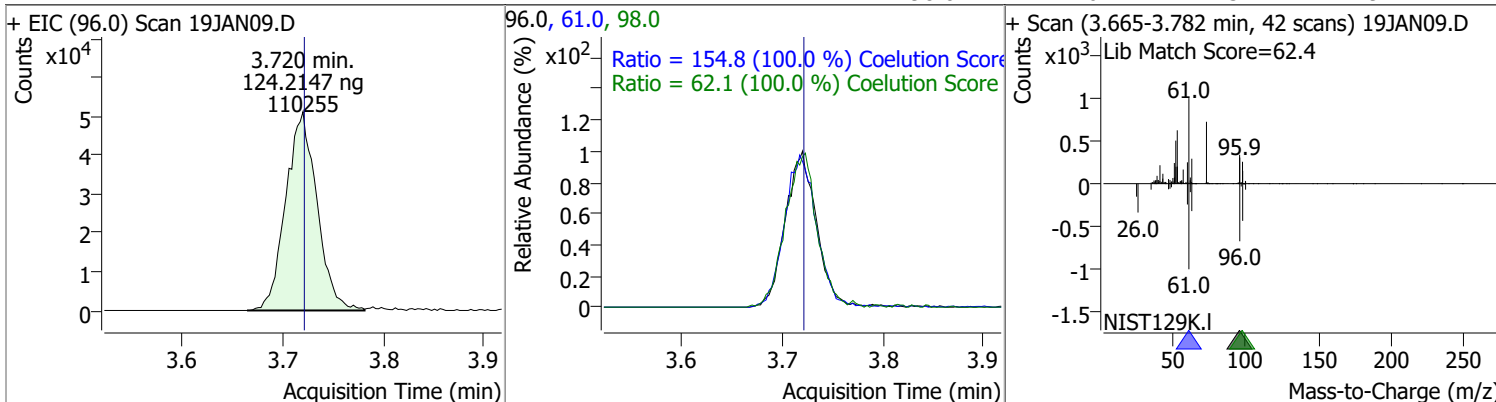
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|----------|------|--|--------|------|---|-------|-------|
| Dichlorodifluoromethane | 129.1152 | 1.24 | 0.00 | 148367 | 87.0 | 31.8 | 1.8 | 61.8 |
| + EIC (85.0) Scan 19JAN09.D  | | | 85.0, 87.0  | | | + Scan (1.216-1.339 min, 45 scans) 19JAN09.D Lib Match Score=88.4  | | |
| Chloromethane | 125.7991 | 1.41 | 0.00 | 170190 | 52.0 | 32.4 | 2.4 | 62.4 |
| + EIC (50.0) Scan 19JAN09.D  | | | 50.0, 52.0  | | | + Scan (1.372-1.487 min, 42 scans) 19JAN09.D Lib Match Score=86.5  | | |
| Vinyl chloride | 124.8408 | 1.50 | 0.00 | 153733 | 64.0 | 31.3 | 1.3 | 61.3 |
| + EIC (62.0) Scan 19JAN09.D  | | | 62.0, 64.0  | | | + Scan (1.470-1.581 min, 41 scans) 19JAN09.D Lib Match Score=88.1  | | |
| Bromomethane | 112.1810 | 1.80 | 0.00 | 59520 | 94.0 | 110.1 | 80.1 | 140.1 |
| + EIC (96.0) Scan 19JAN09.D  | | | 96.0, 94.0  | | | + Scan (1.768-1.874 min, 39 scans) 19JAN09.D Lib Match Score=91.9  | | |

Quantitation Results Report (QT Reviewed)

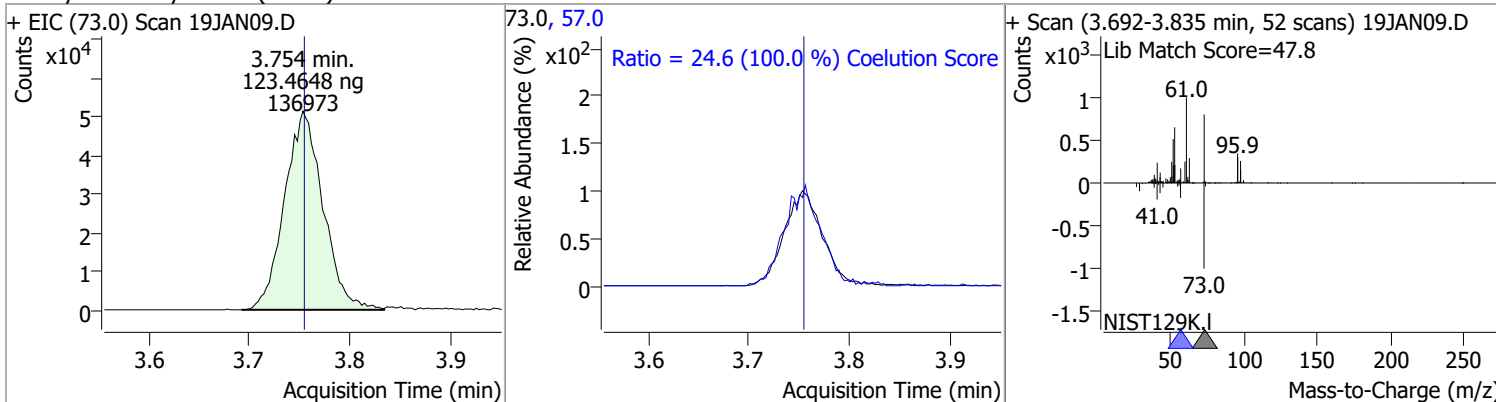


Quantitation Results Report (QT Reviewed)

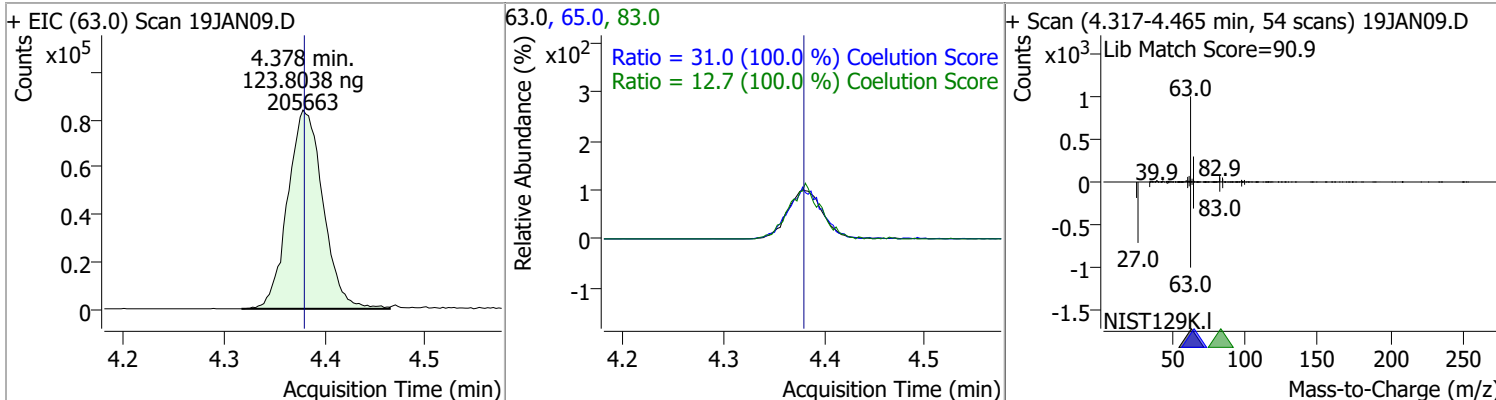
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 124.2147 | 3.72 | 0.00 | 110255 | 61.0 | 154.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 62.1 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 123.4648 | 3.75 | 0.00 | 136973 | 57.0 | 24.6 | 0.0 | 54.6 |

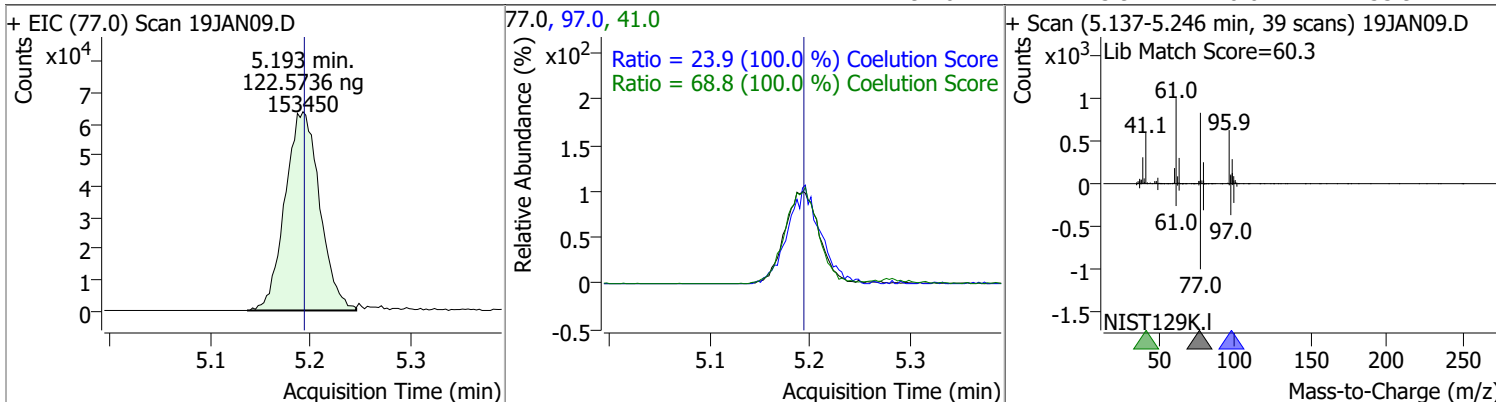


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 123.8038 | 4.38 | 0.00 | 205663 | 65.0 | 31.0 | 1.0 | 61.0 |
| | | | | | 83.0 | 12.7 | 0.0 | 42.7 |

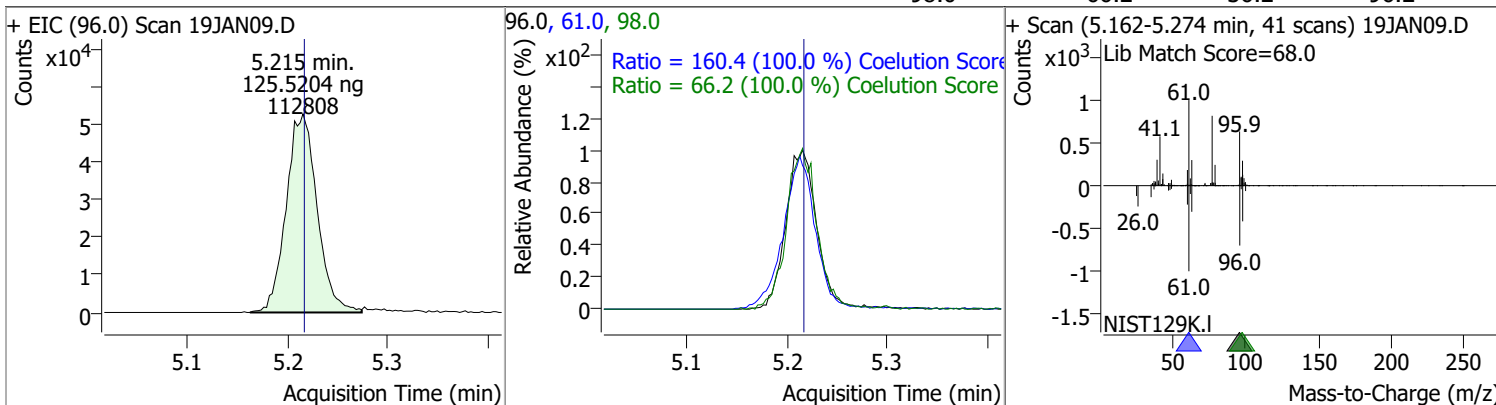


Quantitation Results Report (QT Reviewed)

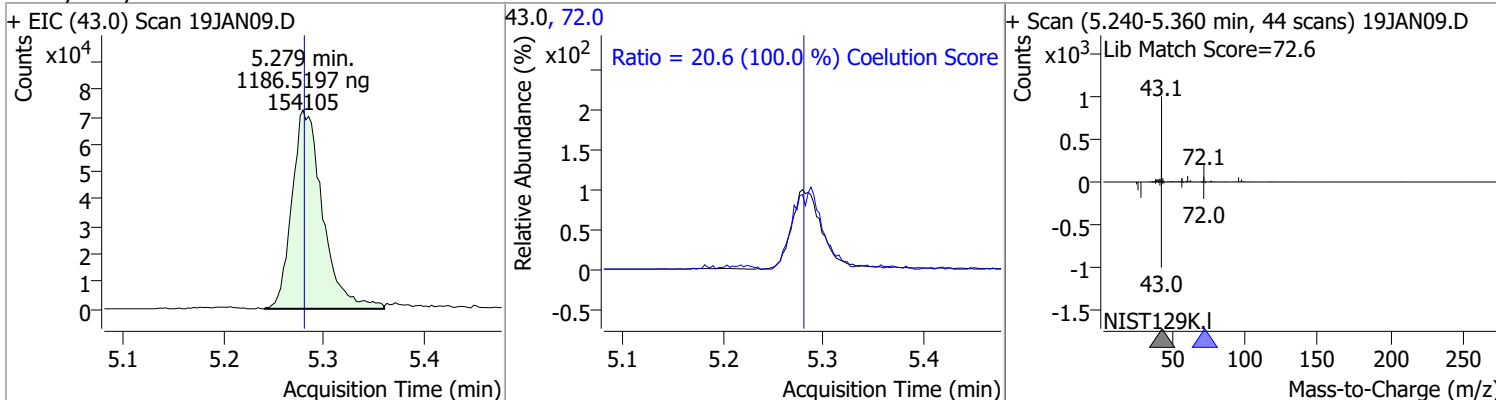
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 122.5736 | 5.19 | 0.00 | 153450 | 41.0 | 68.8 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.9 | 0.0 | 53.9 |



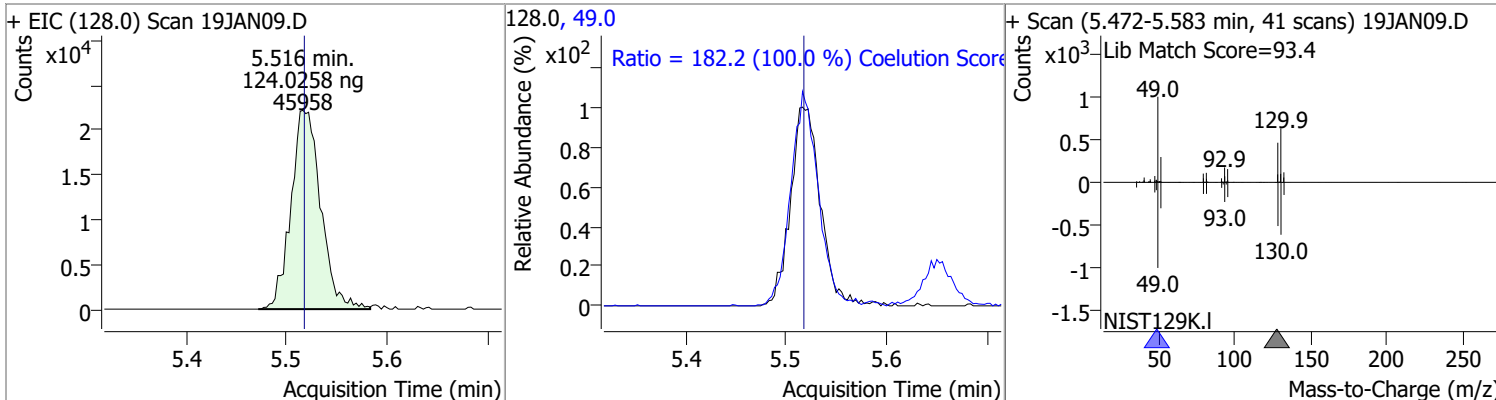
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 125.5204 | 5.21 | 0.00 | 112808 | 61.0 | 160.4 | 130.4 | 190.4 |
| | | | | | 98.0 | 66.2 | 36.2 | 96.2 |



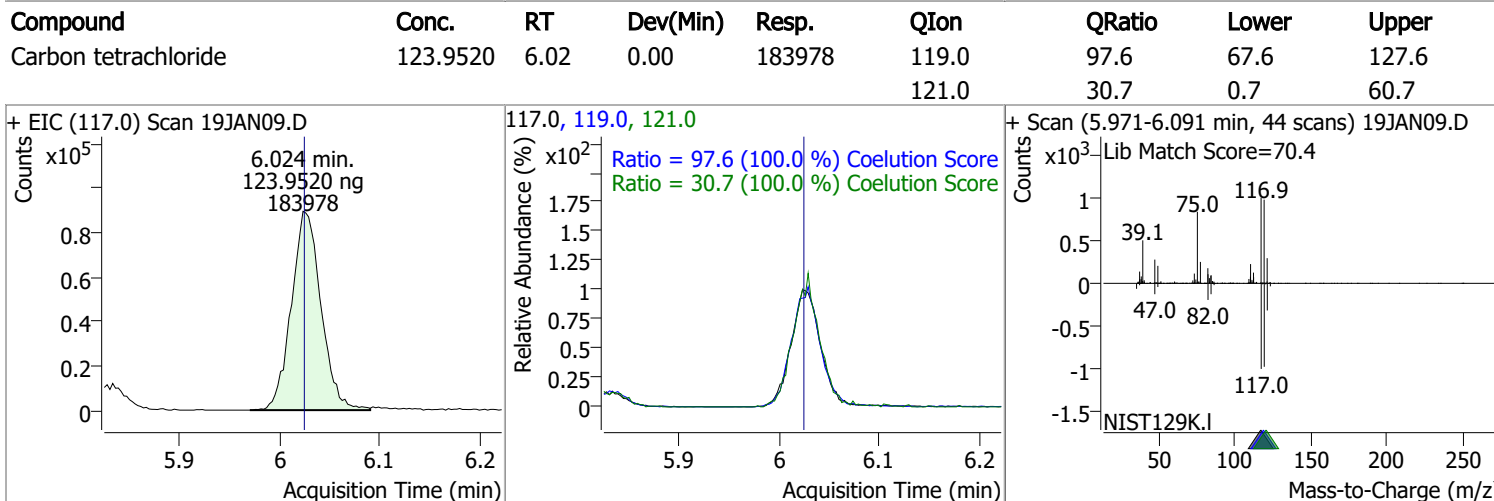
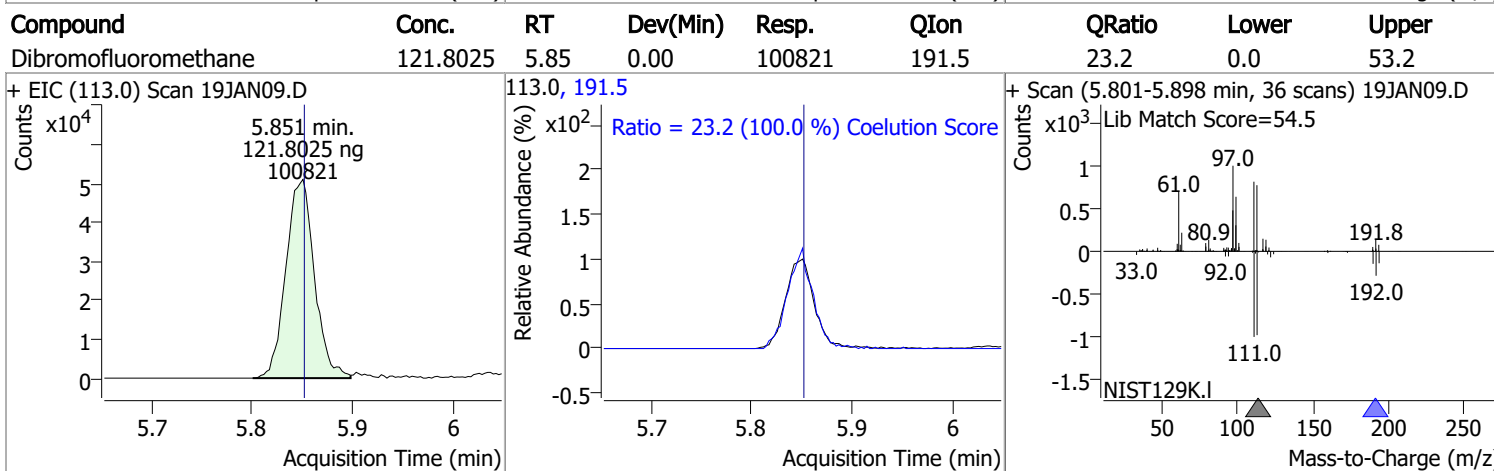
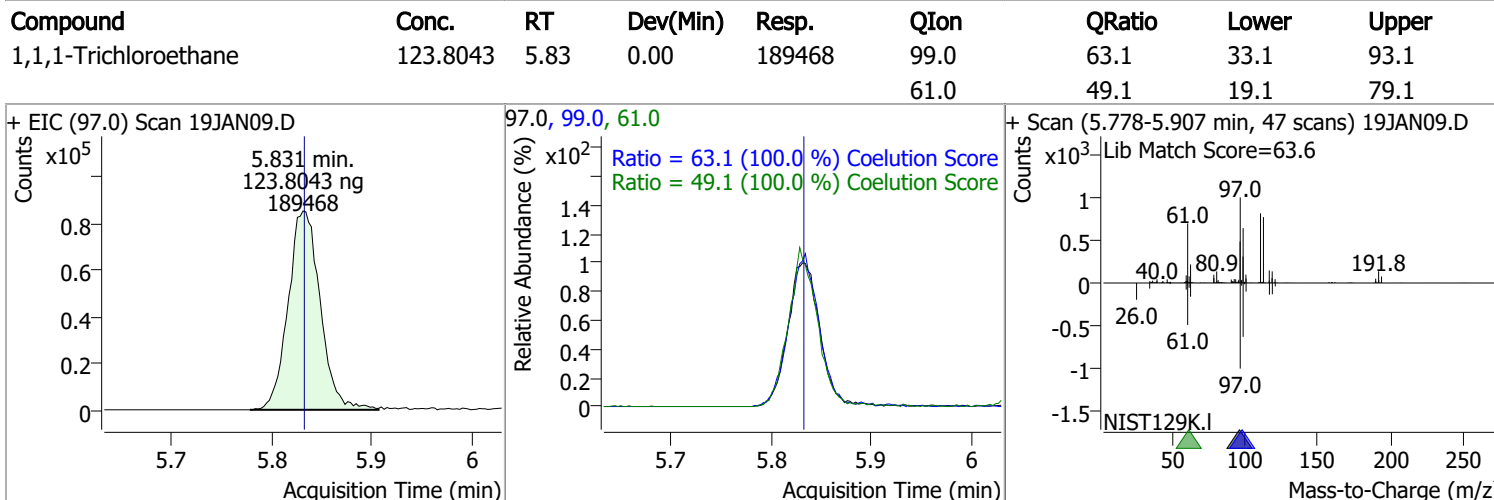
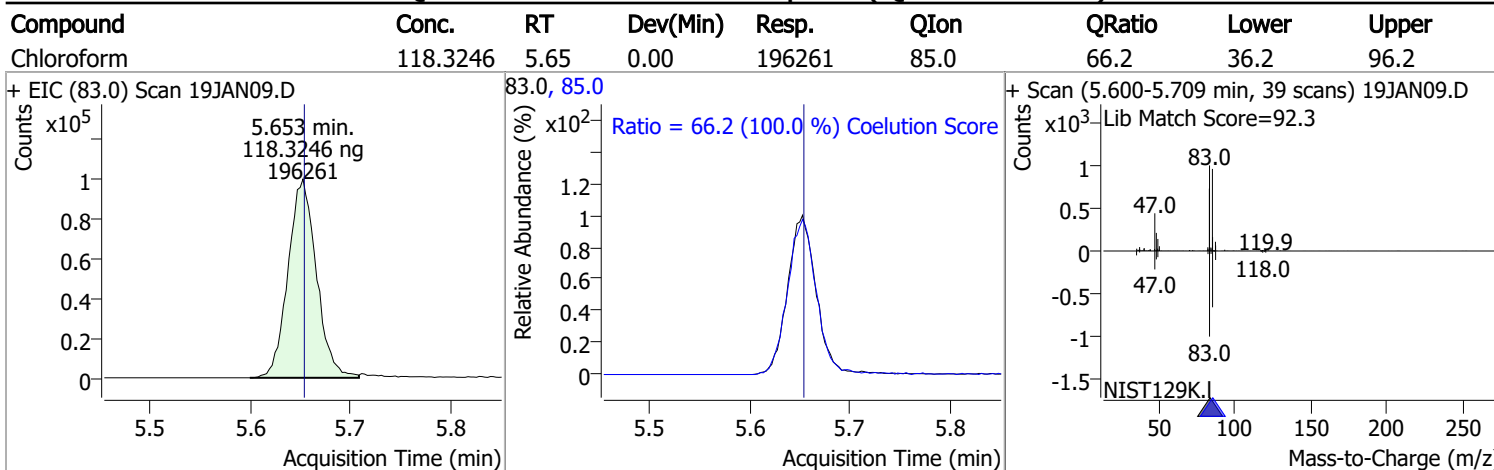
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1186.5197 | 5.28 | 0.00 | 154105 | 72.0 | 20.6 | 0.0 | 50.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 124.0258 | 5.52 | 0.00 | 45958 | 49.0 | 182.2 | 152.2 | 212.2 |

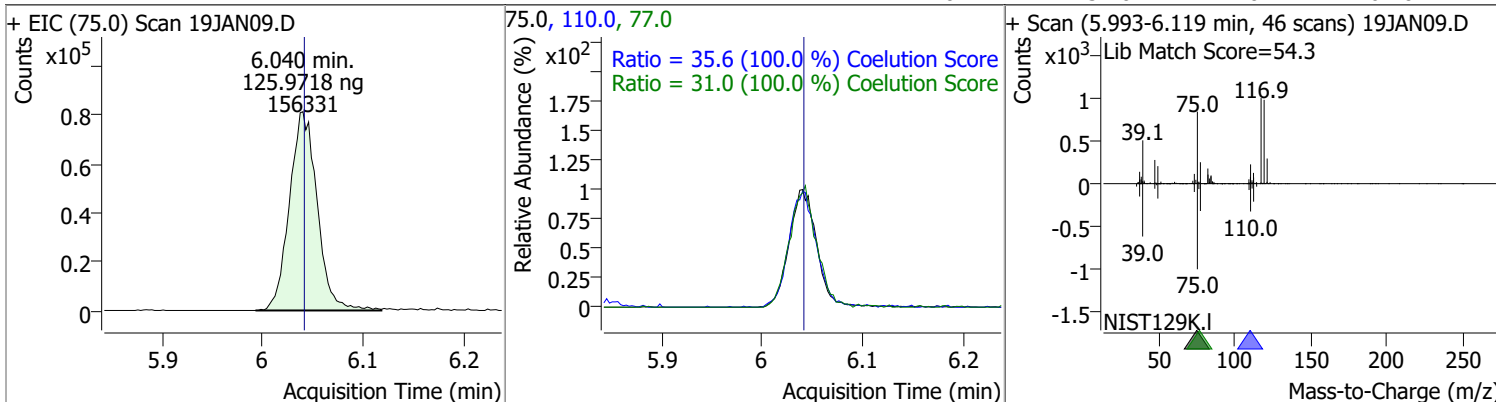


Quantitation Results Report (QT Reviewed)

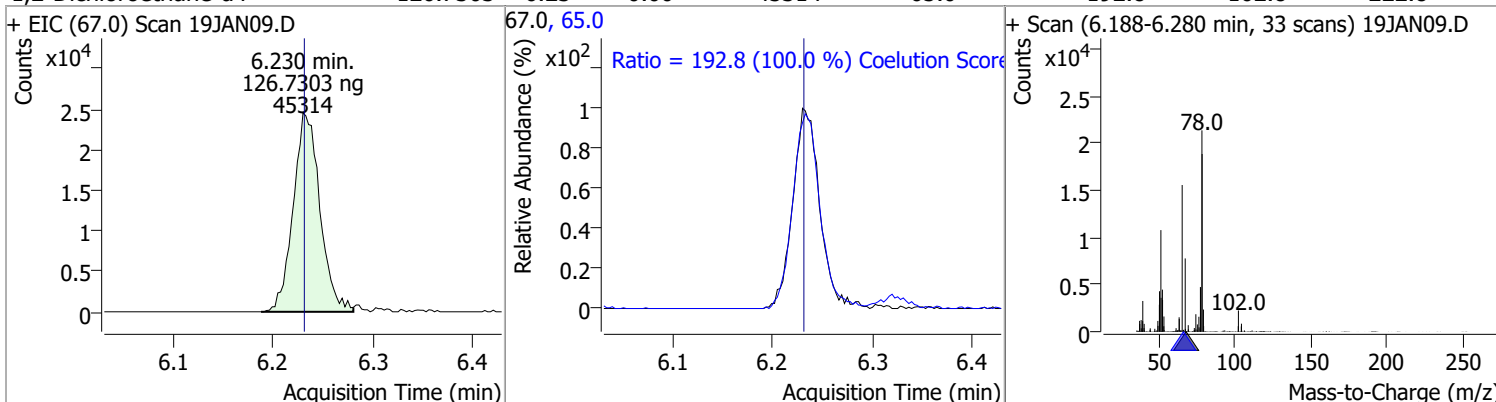


Quantitation Results Report (QT Reviewed)

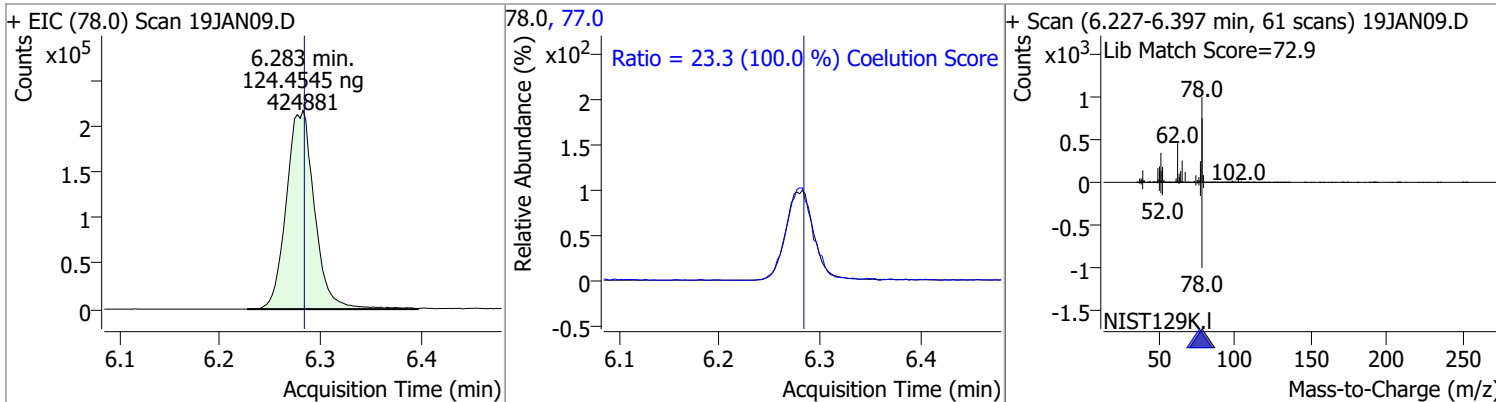
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 125.9718 | 6.04 | 0.00 | 156331 | 110.0 | 35.6 | 5.6 | 65.6 |
| | | | | | 77.0 | 31.0 | 1.0 | 61.0 |



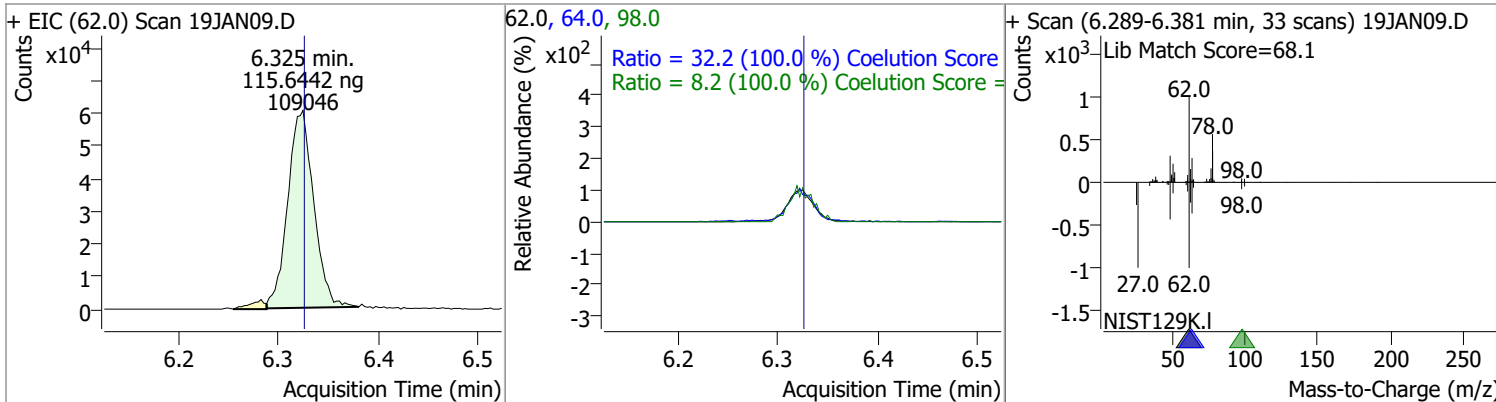
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 126.7303 | 6.23 | 0.00 | 45314 | 65.0 | 192.8 | 162.8 | 222.8 |
| | | | | | 67.0 | 192.8 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 124.4545 | 6.28 | 0.00 | 424881 | 77.0 | 23.3 | 0.0 | 53.3 |
| | | | | | 78.0 | 23.3 | 0.0 | 53.3 |

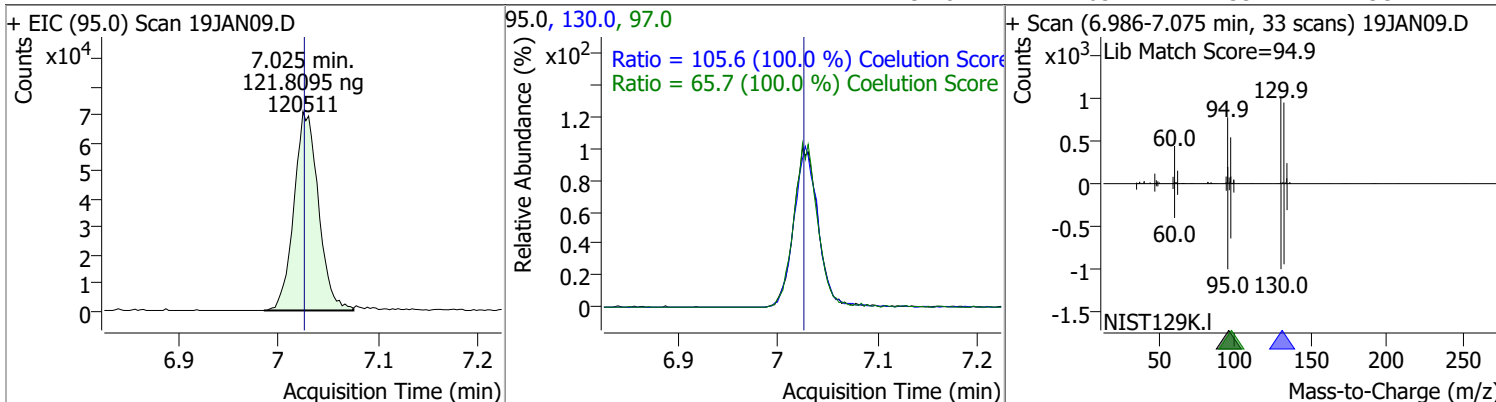


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 115.6442 | 6.32 | 0.00 | 109046 | 64.0 | 32.2 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.2 | 0.0 | 38.2 |
| | | | | | 98.0 | 8.2 | 0.0 | 38.2 |

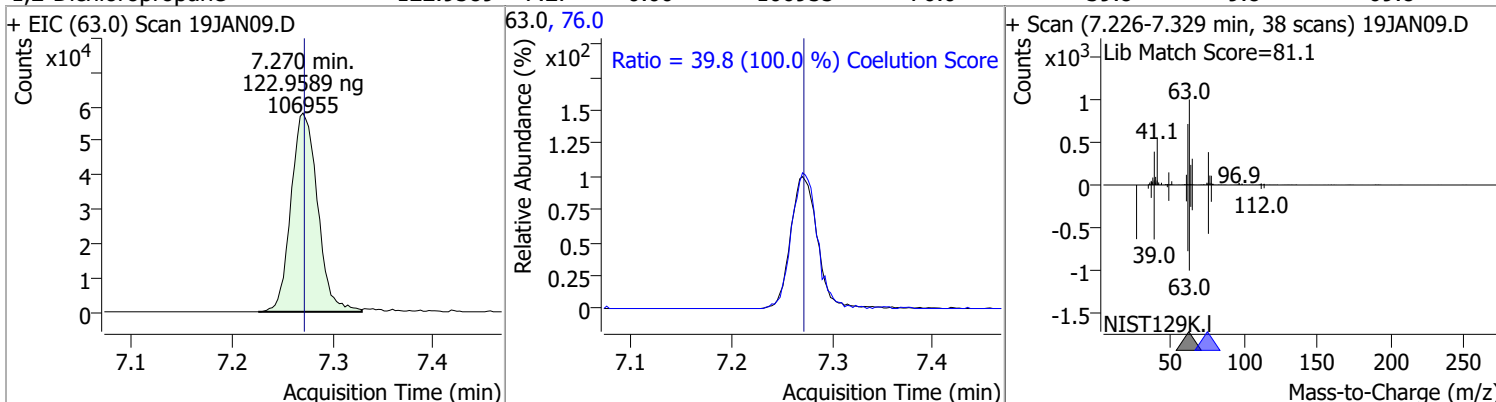


Quantitation Results Report (QT Reviewed)

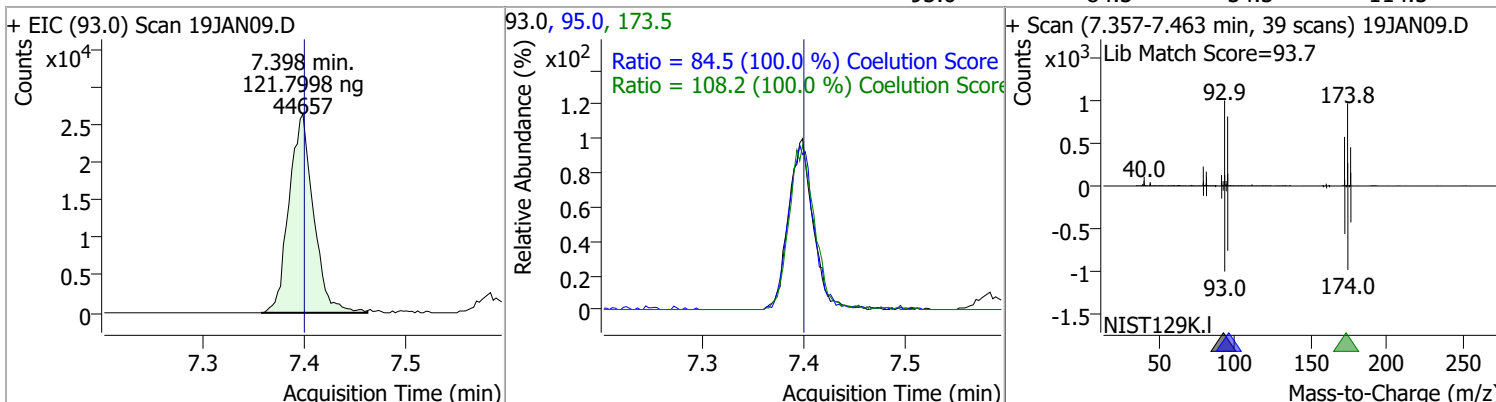
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 121.8095 | 7.02 | 0.00 | 120511 | 130.0 | 105.6 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.7 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 122.9589 | 7.27 | 0.00 | 106955 | 76.0 | 39.8 | 9.8 | 69.8 |

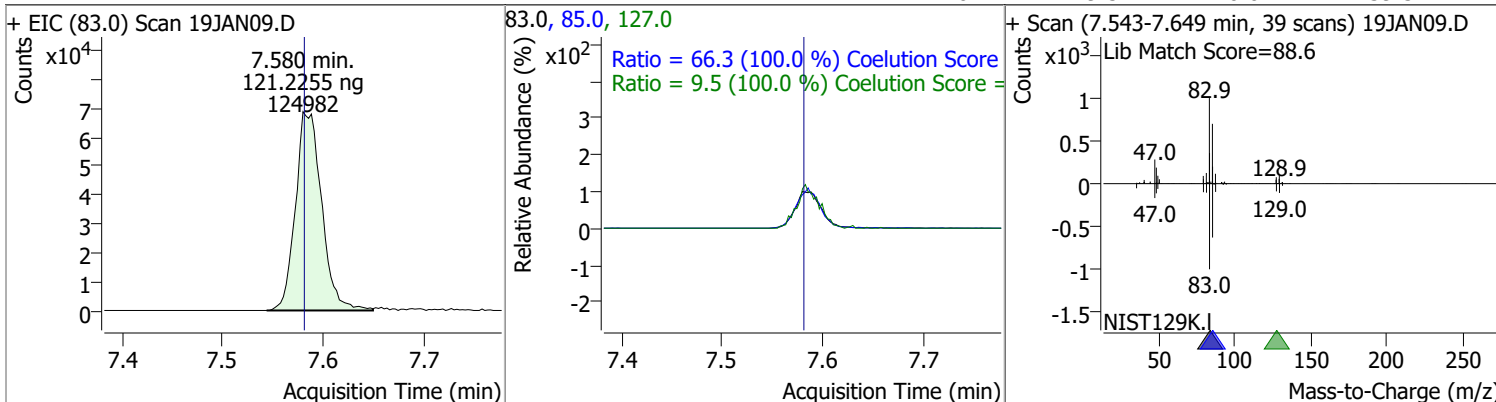


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 121.7998 | 7.40 | 0.00 | 44657 | 173.5 | 108.2 | 78.2 | 138.2 |
| | | | | | 95.0 | 84.5 | 54.5 | 114.5 |

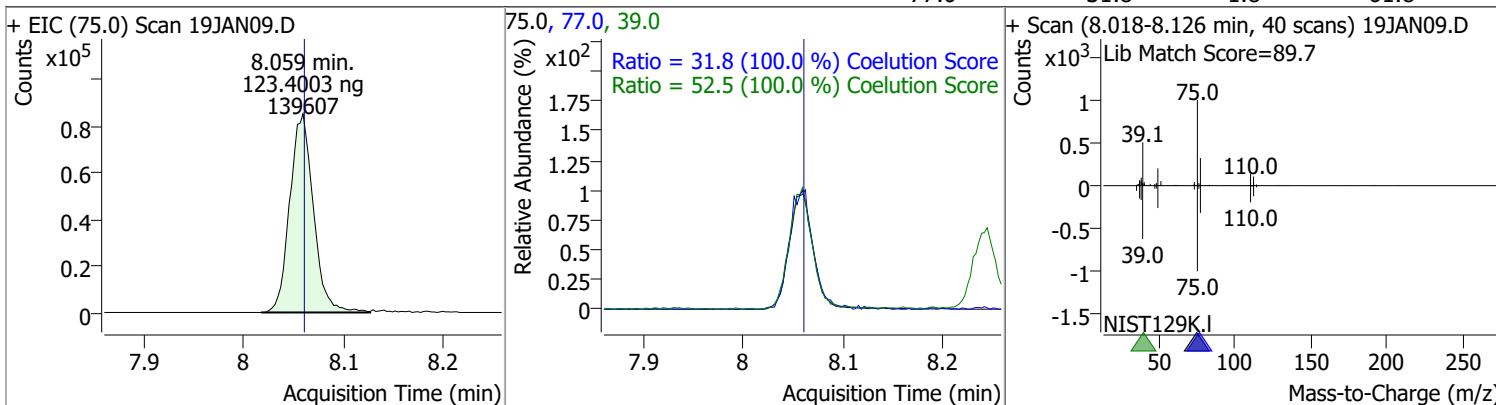


Quantitation Results Report (QT Reviewed)

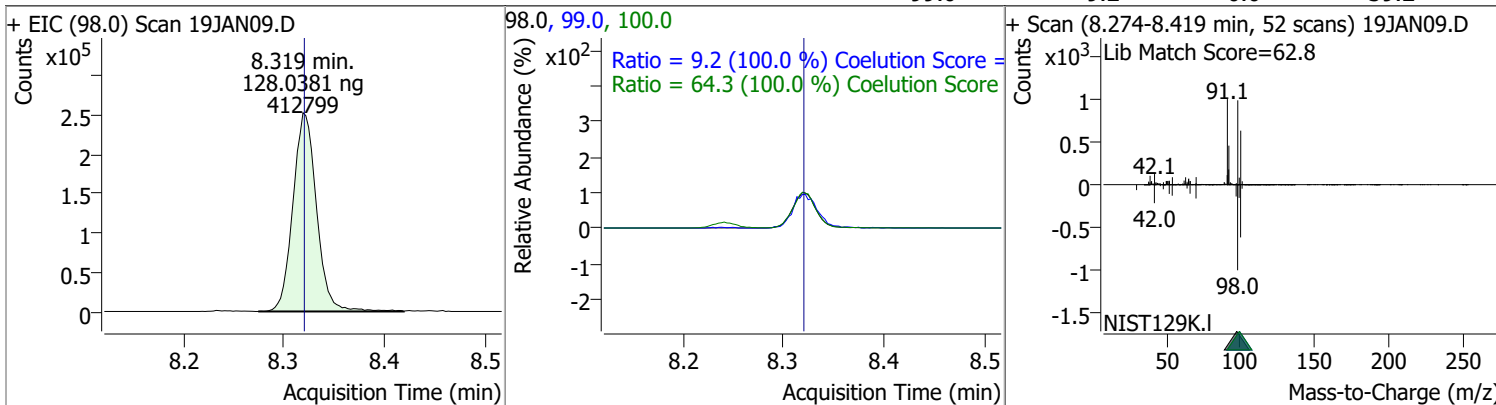
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 121.2255 | 7.58 | 0.00 | 124982 | 85.0 | 66.3 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.5 | 0.0 | 39.5 |



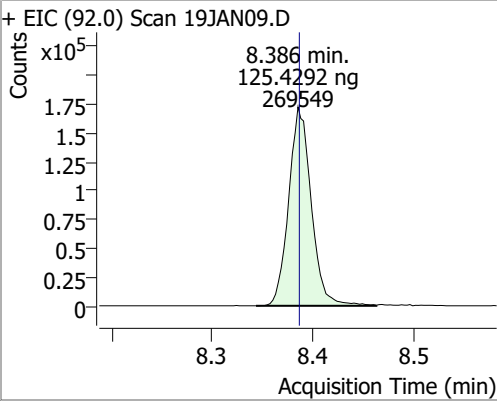
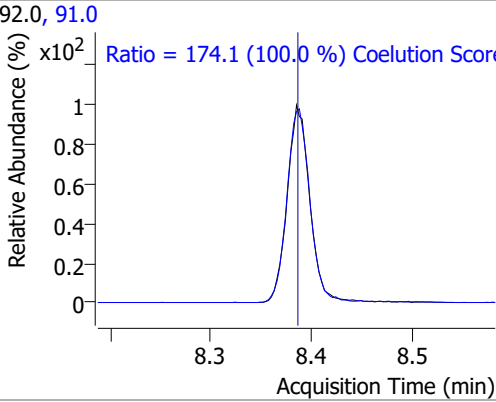
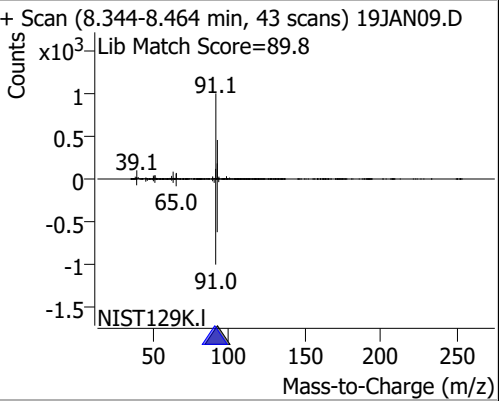
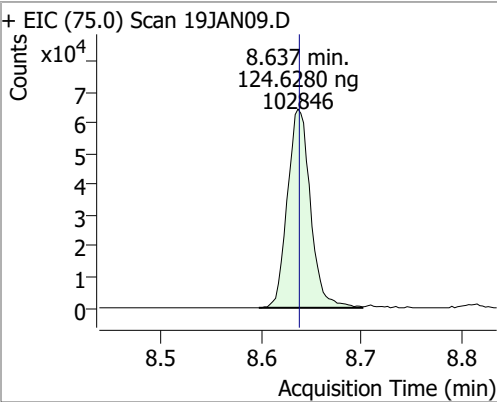
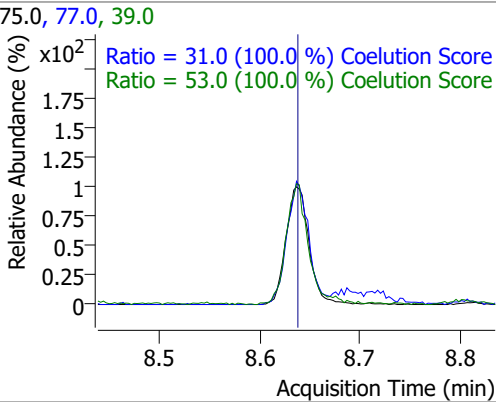
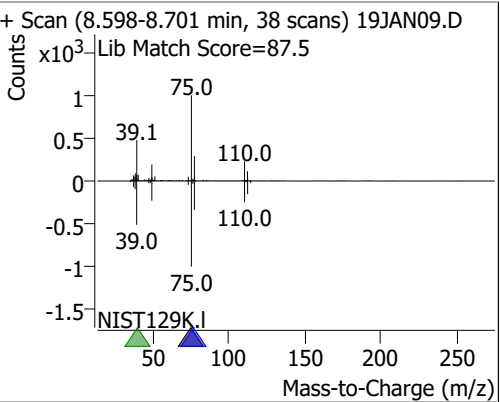
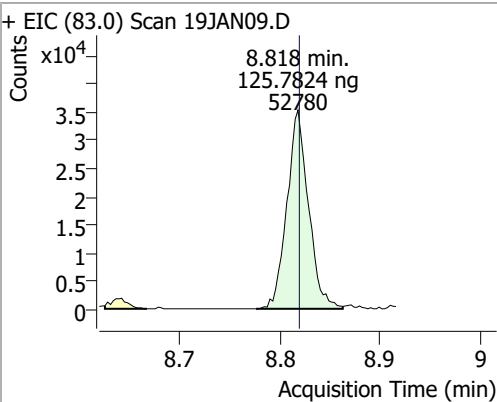
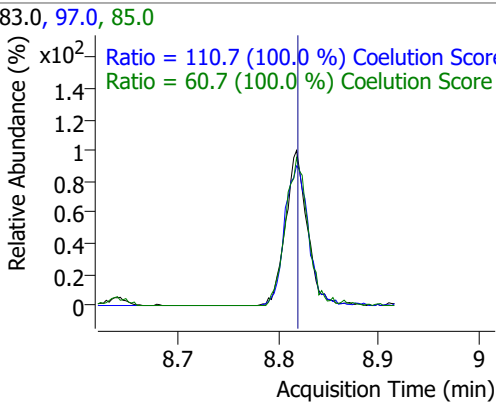
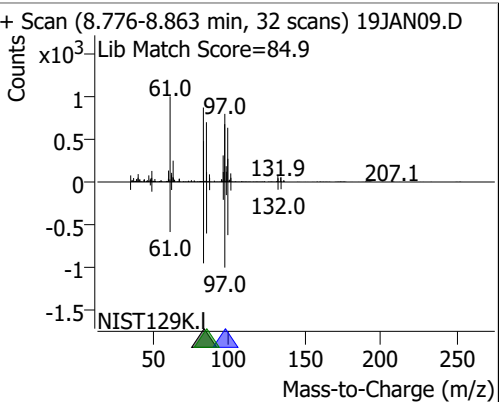
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 123.4003 | 8.06 | 0.00 | 139607 | 39.0 | 52.5 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.8 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 128.0381 | 8.32 | 0.00 | 412799 | 100.0 | 64.3 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.2 | 0.0 | 39.2 |

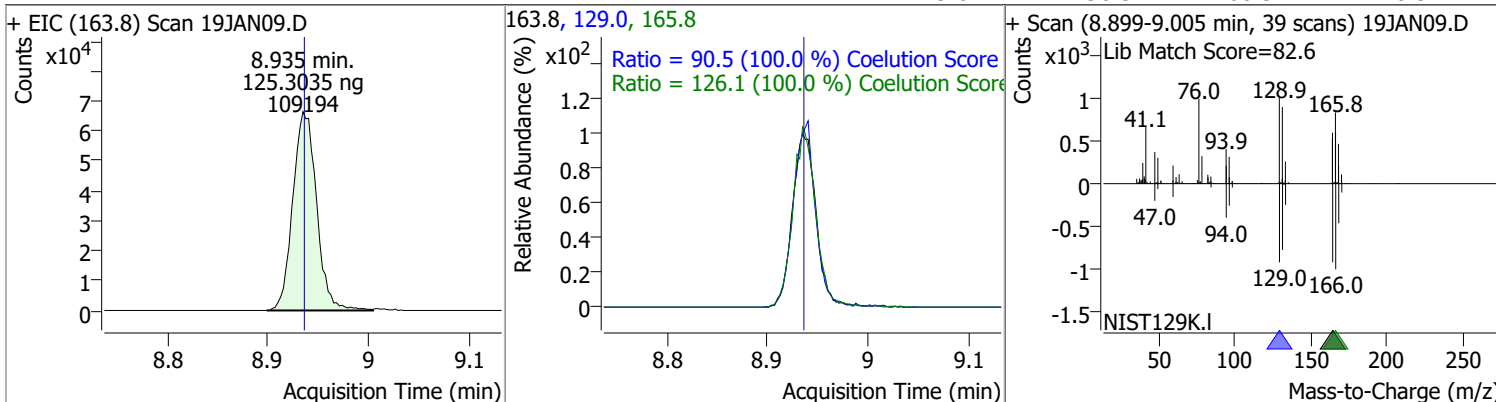


Quantitation Results Report (QT Reviewed)

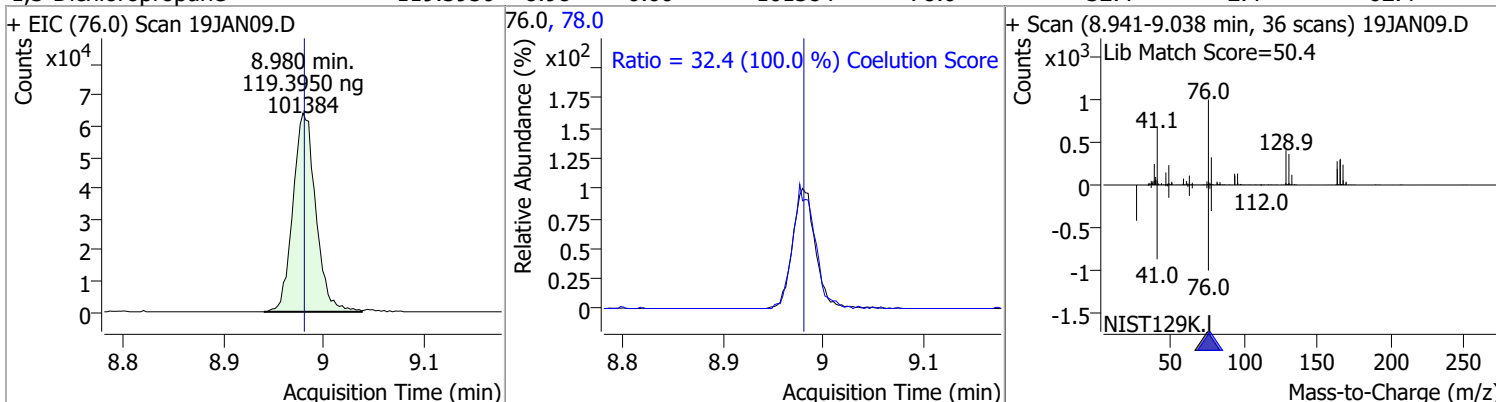
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|---|------------------|---|------|--|-------|-------|
| Toluene | 125.4292 | 8.39 | 0.00 | 269549 | 91.0 | 174.1 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN09.D | | | 92.0, 91.0 | | | + Scan (8.344-8.464 min, 43 scans) 19JAN09.D | | |
|  |  | Ratio = 174.1 (100.0 %) Coelution Score | |  | | | | |
| + EIC (75.0) Scan 19JAN09.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.598-8.701 min, 38 scans) 19JAN09.D | | |
|  |  | Ratio = 31.0 (100.0 %) Coelution Score Ratio = 53.0 (100.0 %) Coelution Score | |  | | | | |
| trans-1,3-Dichloropropene | 124.6280 | 8.64 | 0.00 | 102846 | 39.0 | 53.0 | 23.0 | 83.0 |
| + EIC (83.0) Scan 19JAN09.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.776-8.863 min, 32 scans) 19JAN09.D | | |
|  |  | Ratio = 110.7 (100.0 %) Coelution Score Ratio = 60.7 (100.0 %) Coelution Score | |  | | | | |
| 1,1,2-Trichloroethane | 125.7824 | 8.82 | 0.00 | 52780 | 97.0 | 110.7 | 80.7 | 140.7 |
| | | | | | 85.0 | 60.7 | 30.7 | 90.7 |

Quantitation Results Report (QT Reviewed)

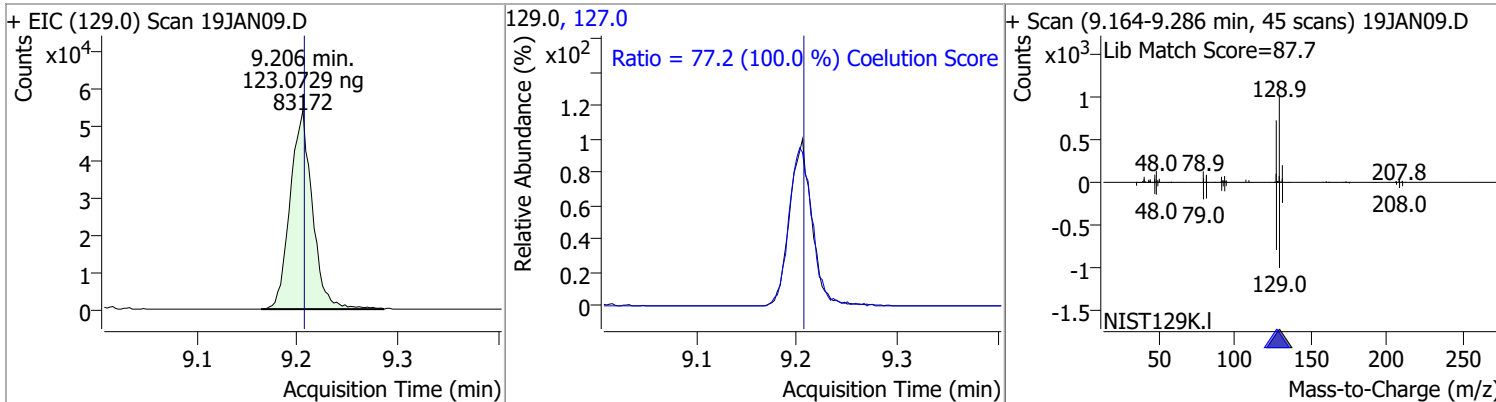
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 125.3035 | 8.94 | 0.00 | 109194 | 165.8 | 126.1 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.5 | 60.5 | 120.5 |



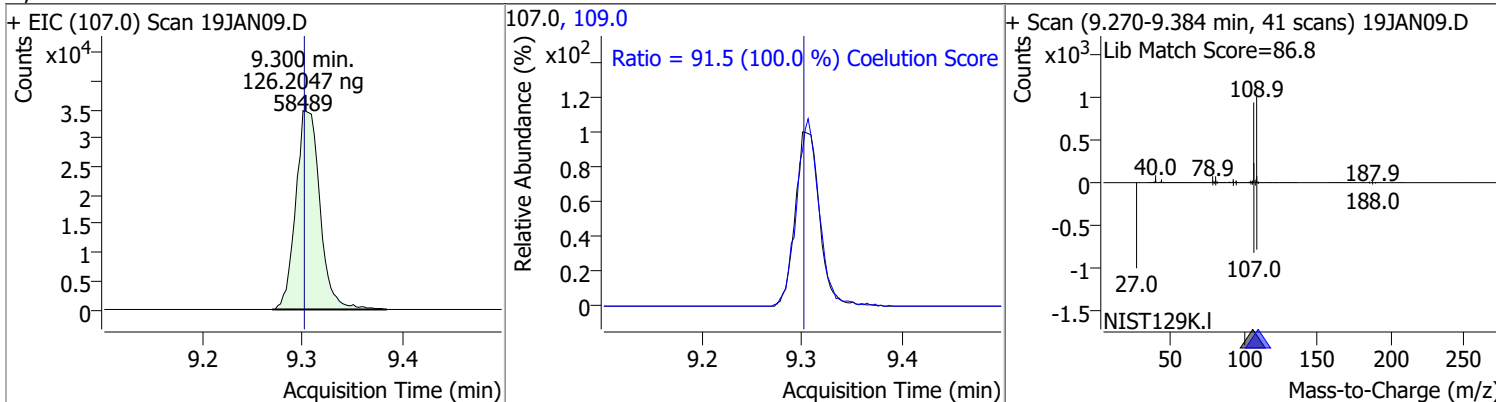
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 119.3950 | 8.98 | 0.00 | 101384 | 78.0 | 32.4 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 123.0729 | 9.21 | 0.00 | 83172 | 127.0 | 77.2 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 126.2047 | 9.30 | 0.00 | 58489 | 109.0 | 91.5 | 61.5 | 121.5 |

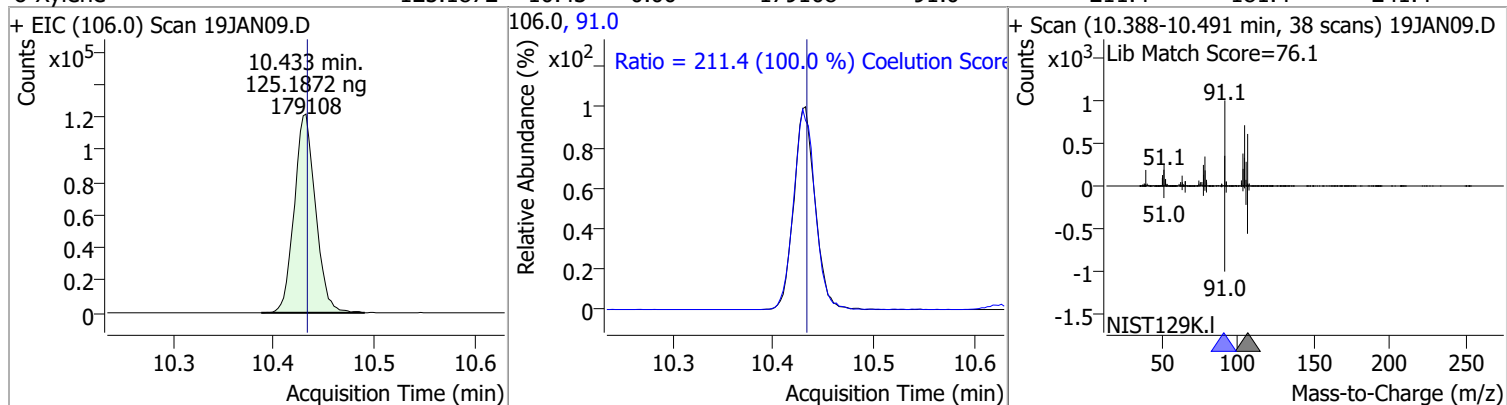


Quantitation Results Report (QT Reviewed)

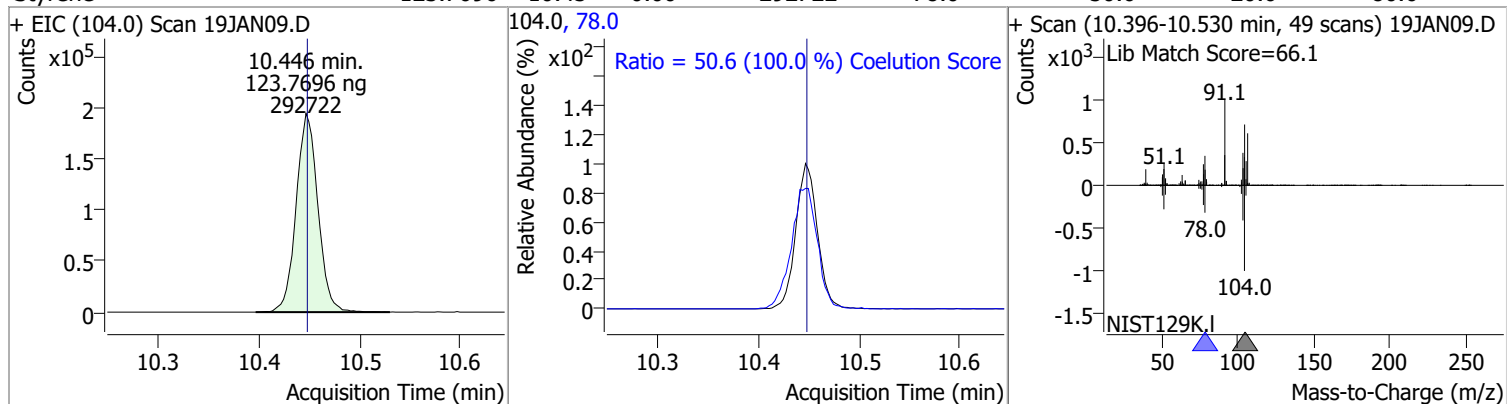
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|----------|-------|--------------|--------|-------|---|-------|-------|
| Chlorobenzene | 122.8185 | 9.80 | 0.00 | 289340 | 114.0 | 32.2 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN09.D | | | 112.0, 114.0 | | | + Scan (9.760-9.886 min, 45 scans) 19JAN09.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 122.7951 | 9.89 | 0.00 | 101500 | 133.0 | 95.3 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN09.D | | | 131.0, 133.0 | | | + Scan (9.852-9.970 min, 43 scans) 19JAN09.D | | |
| | | | | | | | | |
| Ethylbenzene | 123.1021 | 9.92 | 0.00 | 505127 | 106.0 | 31.7 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN09.D | | | 91.0, 106.0 | | | + Scan (9.878-9.995 min, 43 scans) 19JAN09.D | | |
| | | | | | | | | |
| m+p-Xylenes | 248.1048 | 10.04 | 0.00 | 405724 | 91.0 | 200.7 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN09.D | | | 106.0, 91.0 | | | + Scan (9.995-10.115 min, 44 scans) 19JAN09.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

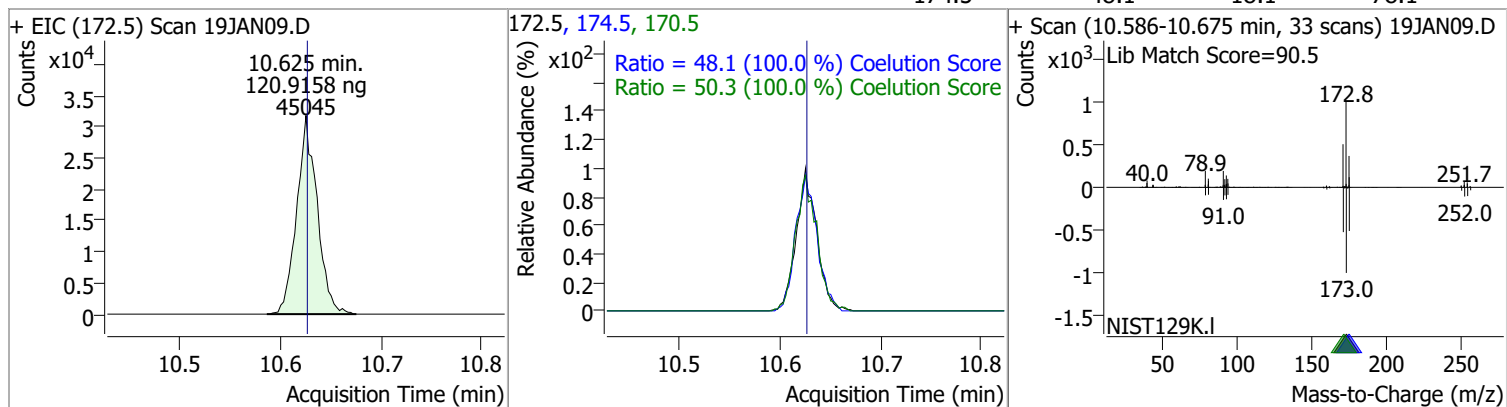
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 125.1872 | 10.43 | 0.00 | 179108 | 91.0 | 211.4 | 181.4 | 241.4 |



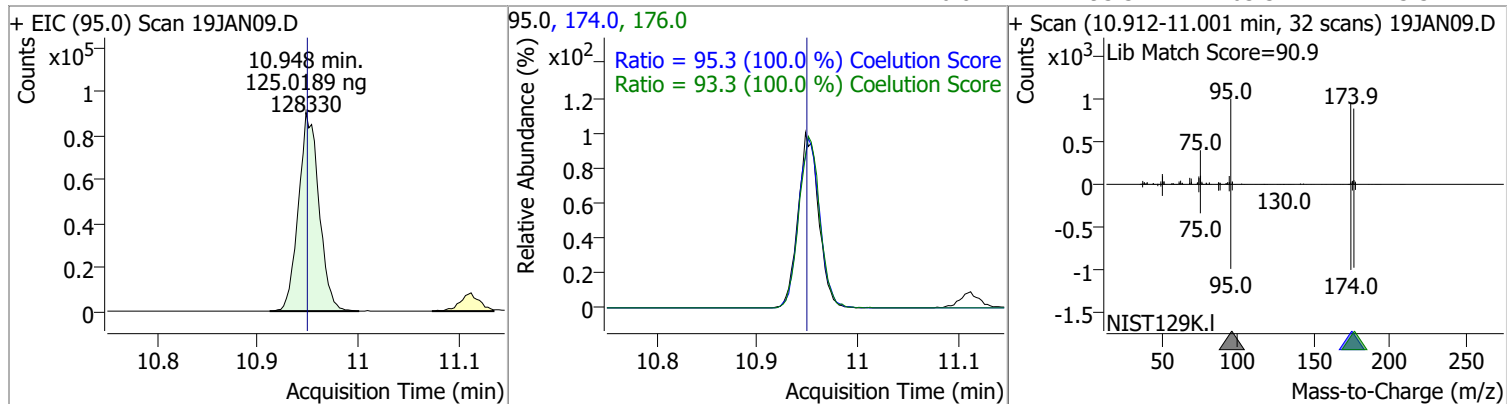
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 123.7696 | 10.45 | 0.00 | 292722 | 78.0 | 50.6 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|----------------|--------------|--------------|--------------|
| Bromoform | 120.9158 | 10.62 | 0.00 | 45045 | 170.5 174.5 | 50.3 48.1 | 20.3 18.1 | 80.3 78.1 |

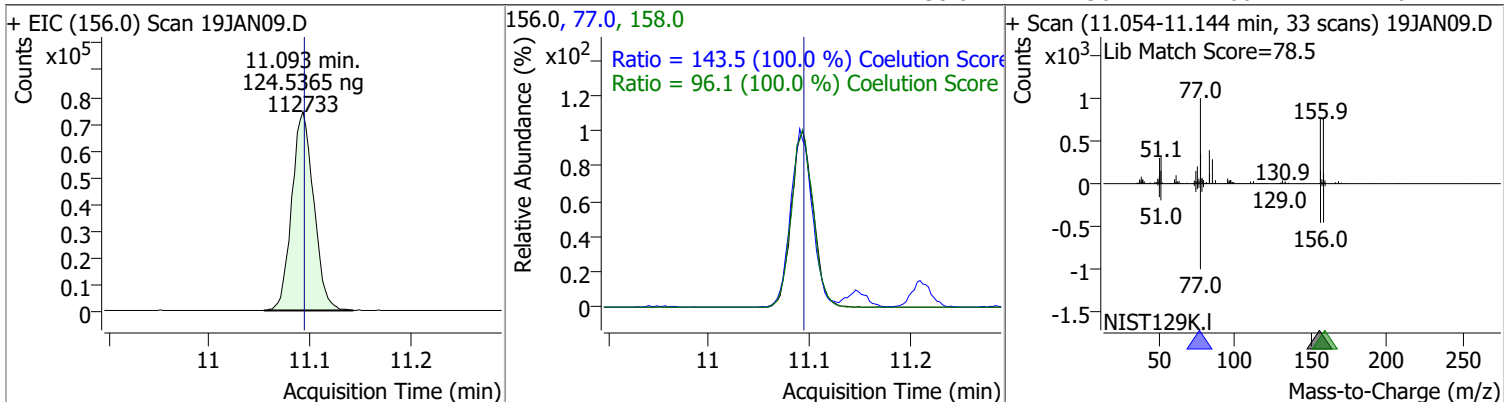


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|----------------|--------------|--------------|----------------|
| p-Bromofluorobenzene | 125.0189 | 10.95 | 0.00 | 128330 | 174.0 176.0 | 95.3 93.3 | 65.3 63.3 | 125.3 123.3 |

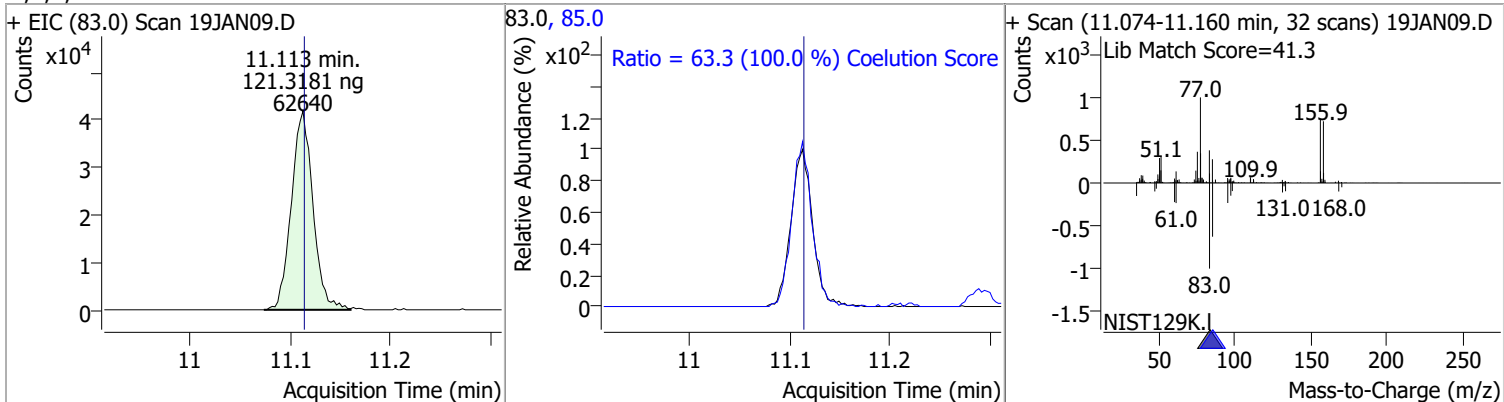


Quantitation Results Report (QT Reviewed)

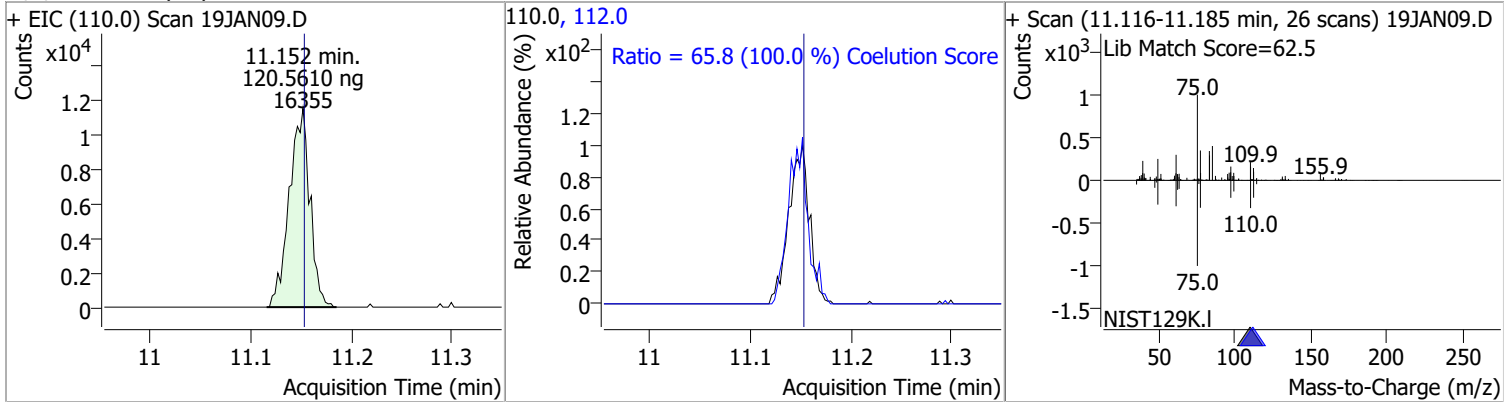
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 124.5365 | 11.09 | 0.00 | 112733 | 77.0 | 143.5 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.1 | 66.1 | 126.1 |



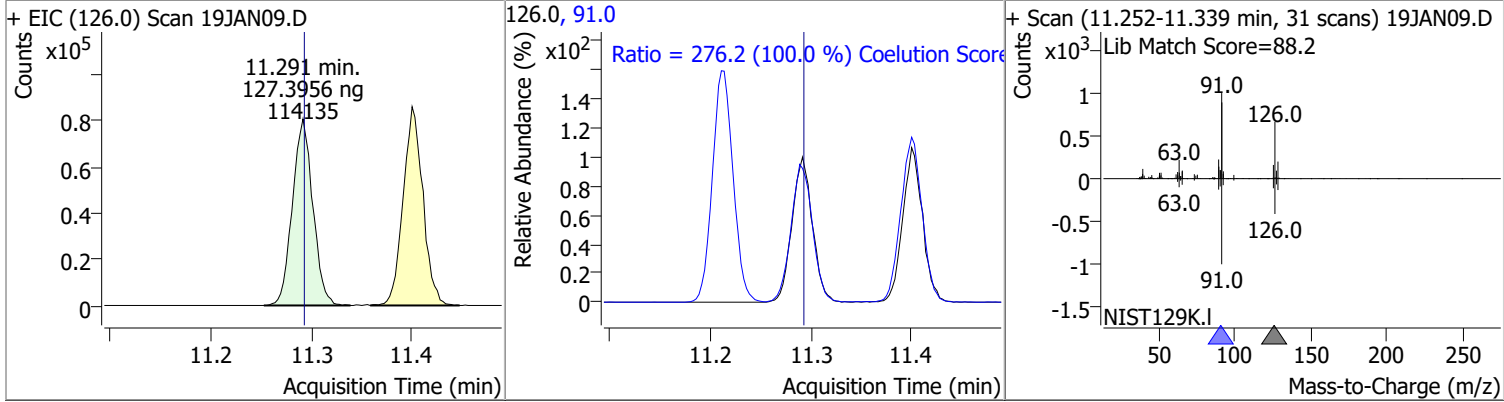
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 121.3181 | 11.11 | 0.00 | 62640 | 85.0 | 63.3 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 120.5610 | 11.15 | 0.00 | 16355 | 112.0 | 65.8 | 35.8 | 95.8 |

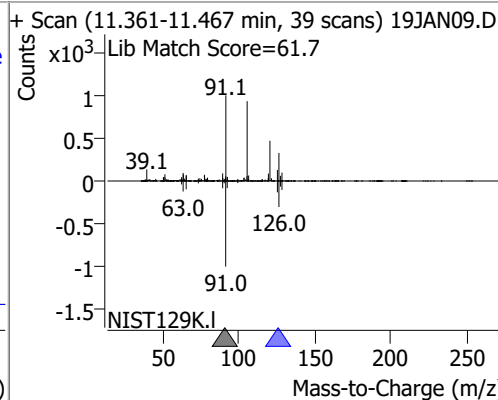
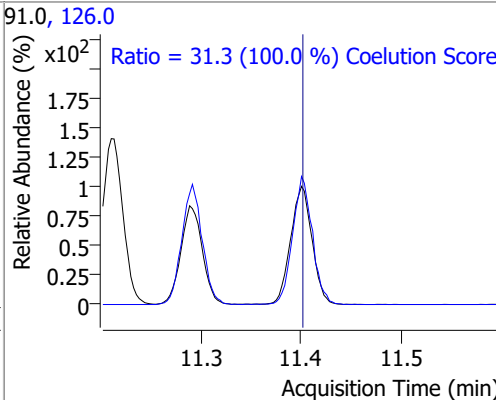
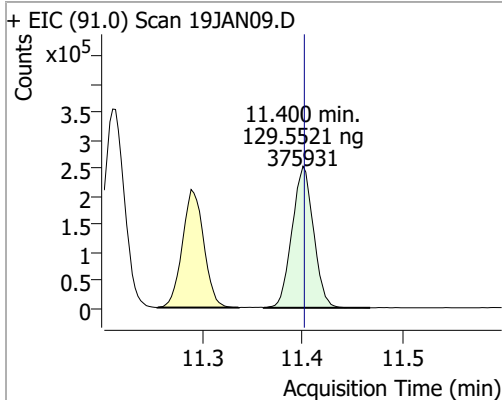


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 127.3956 | 11.29 | 0.00 | 114135 | 91.0 | 276.2 | 246.2 | 306.2 |

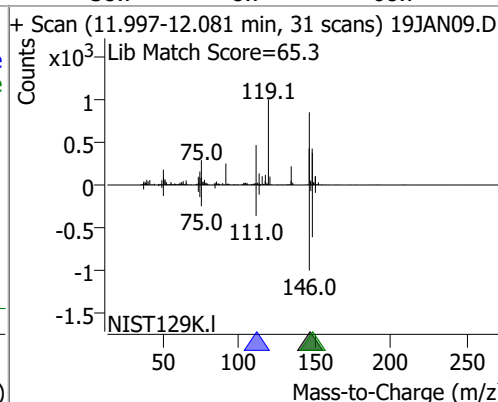
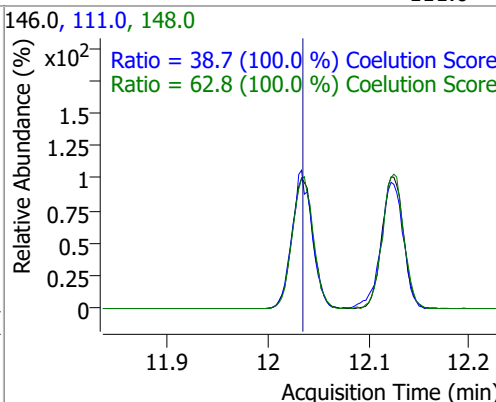
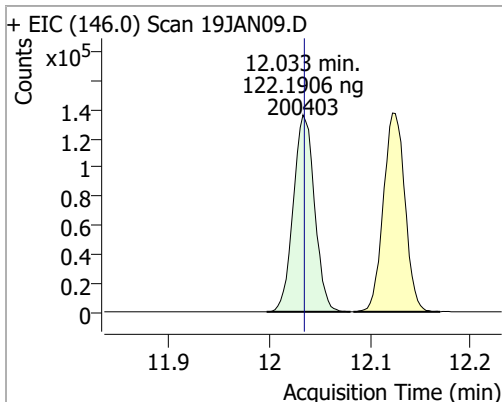


Quantitation Results Report (QT Reviewed)

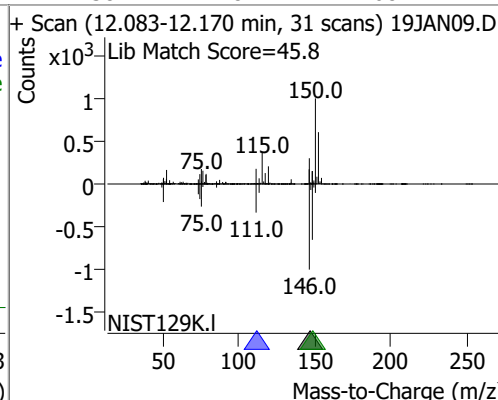
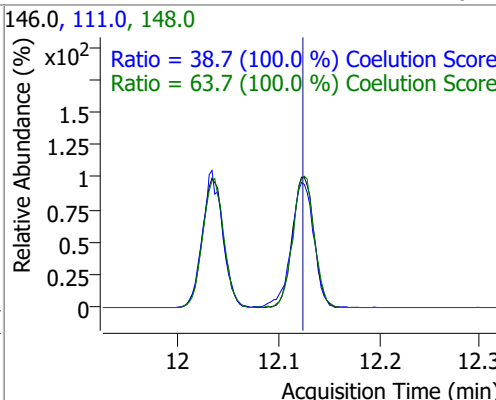
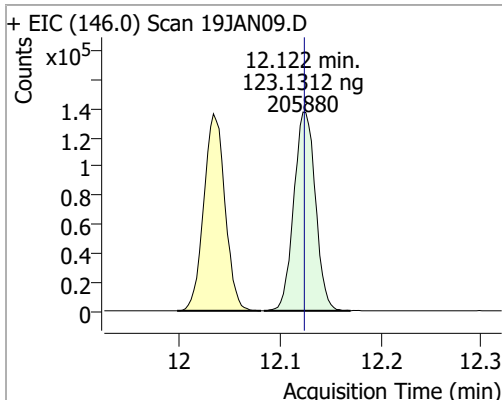
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 129.5521 | 11.40 | 0.00 | 375931 | 126.0 | 31.3 | 1.3 | 61.3 |



| | | | | | | | | |
|---------------------|----------|-------|------|--------|-------|------|------|------|
| 1,3-Dichlorobenzene | 122.1906 | 12.03 | 0.00 | 200403 | 148.0 | 62.8 | 32.8 | 92.8 |
| | | | | | 111.0 | 38.7 | 8.7 | 68.7 |

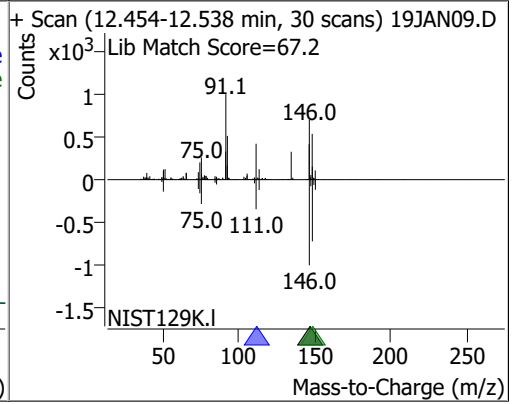
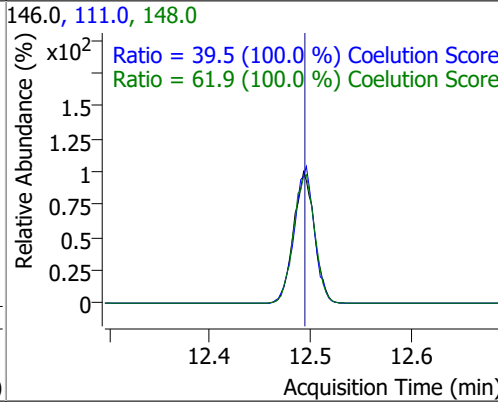
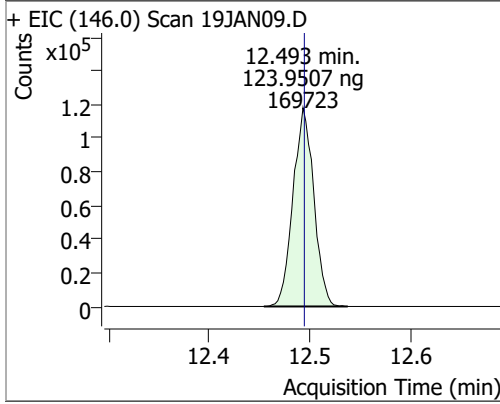


| | | | | | | | | |
|---------------------|----------|-------|------|--------|-------|------|------|------|
| 1,4-Dichlorobenzene | 123.1312 | 12.12 | 0.00 | 205880 | 148.0 | 63.7 | 33.7 | 93.7 |
| | | | | | 111.0 | 38.7 | 8.7 | 68.7 |



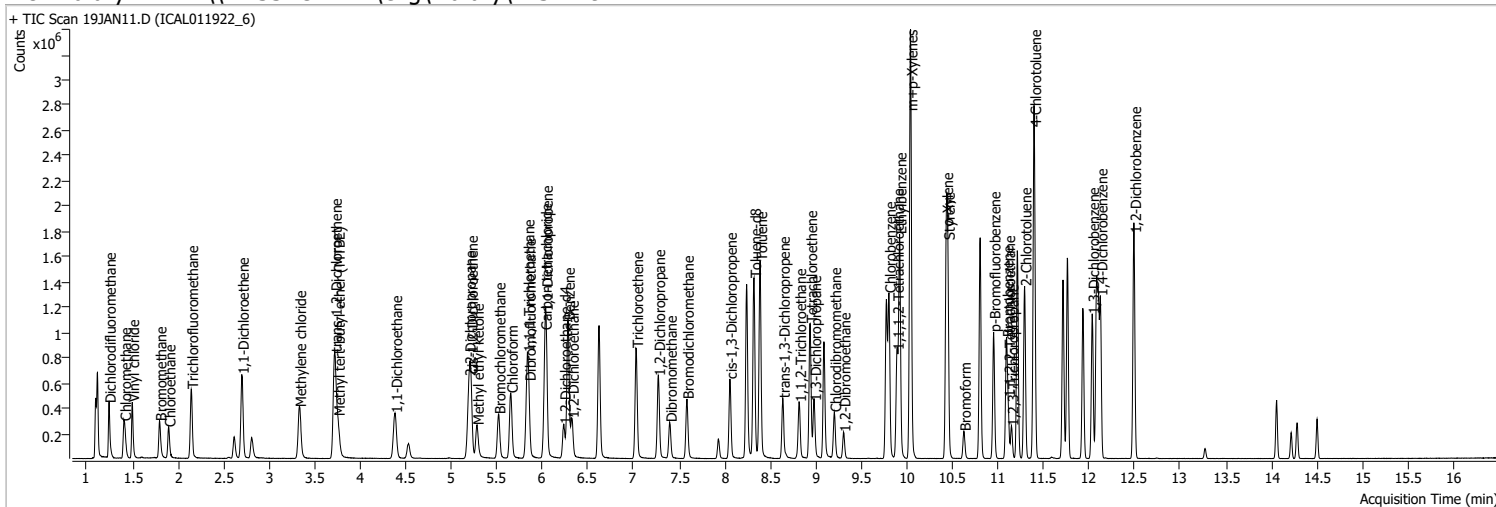
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 123.9507 | 12.49 | 0.00 | 169723 | 148.0 | 61.9 | 31.9 | 91.9 |
| | | | | | 111.0 | 39.5 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN11.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 1:58:41 PM |
| Sample Name | ICAL011922_6 | Instrument | VOA5975C |
| Vial | 11 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



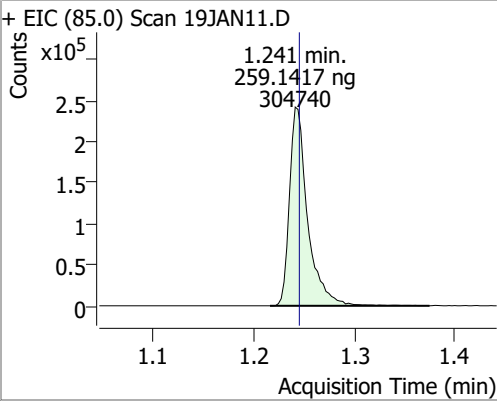
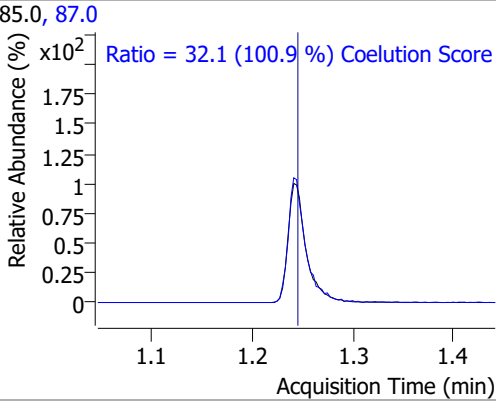
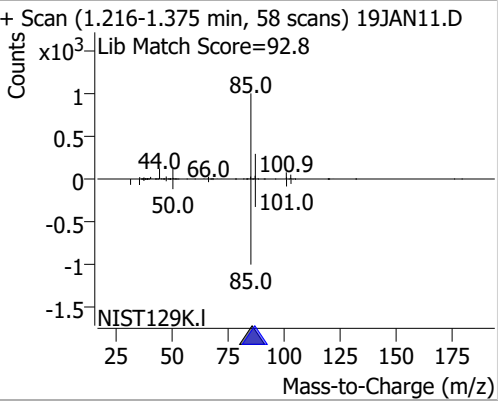
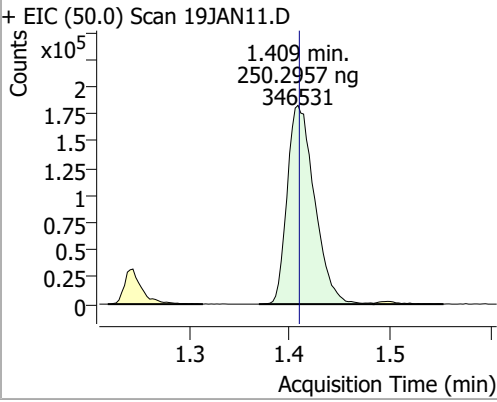
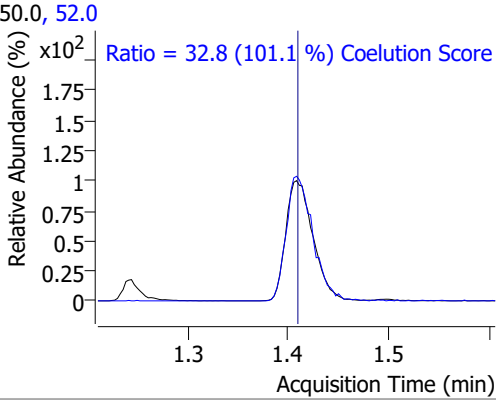
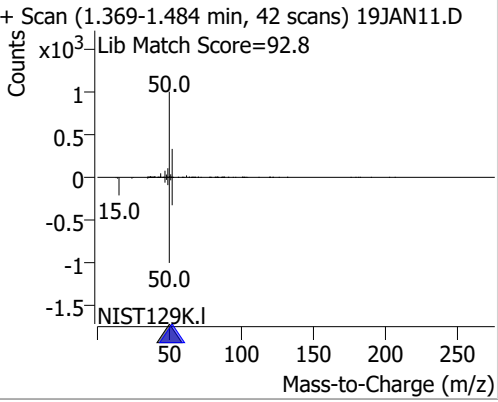
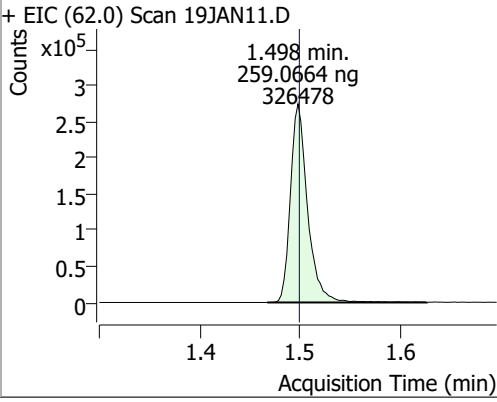
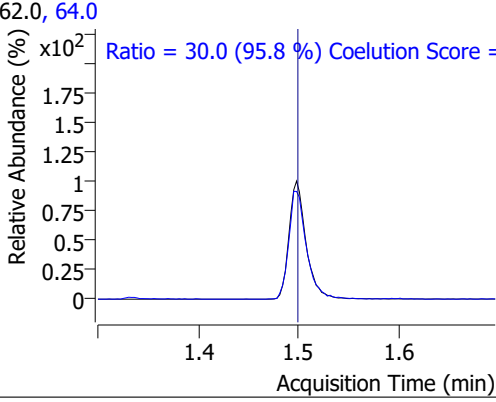
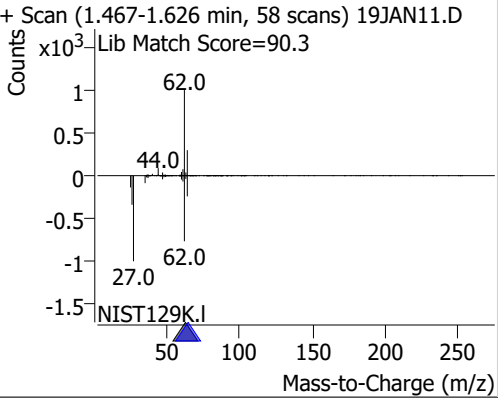
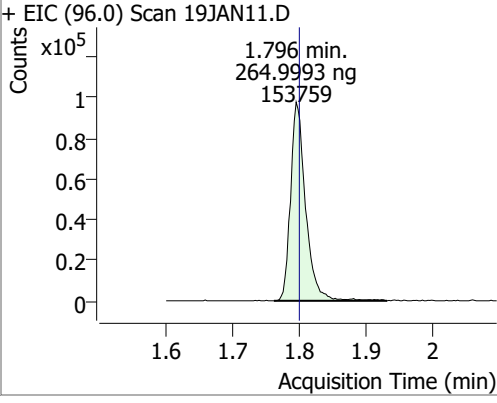
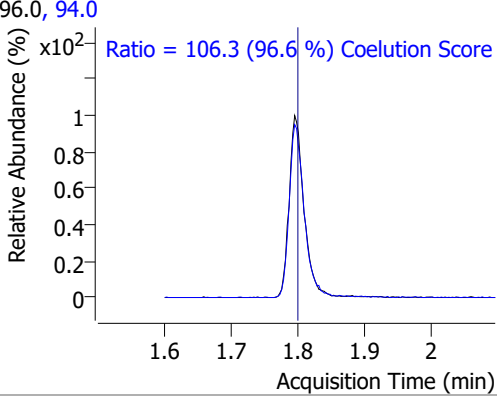
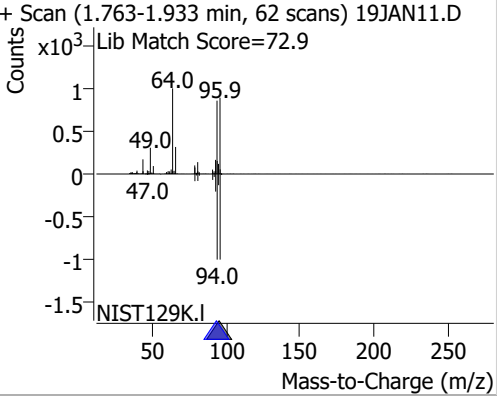
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 874562 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 333271 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 280059 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.851 | 113.0 | 221667 | 261.6821 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 104.67% | | |
| S 1,2-Dichloroethane-d4 | 6.236 | 67.0 | 92919 | 253.9336 | ng | 0.006 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 101.57% | | |
| S Toluene-d8 | 8.322 | 98.0 | 885297 | 272.2835 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 108.91% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 277668 | 268.5266 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 107.41% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.241 | 85.0 | 304740 | 259.1417 | ng | 100 |
| T Chloromethane | 1.409 | 50.0 | 346531 | 250.2957 | ng | 99 |
| T Vinyl chloride | 1.498 | 62.0 | 326478 | 259.0664 | ng | 98 |
| T Bromomethane | 1.796 | 96.0 | 153759 | 264.9993 | ng | 96 |
| T Chloroethane | 1.897 | 64.0 | 170795 | 286.4607 | ng | 97 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 379318 | 251.0100 | ng | 98 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 233356 | 265.3896 | ng | 99 |
| T Methylene chloride | 3.330 | 49.0 | 310597 | 242.9531 | ng | 98 |
| T trans-1,2-Dichloroethene | 3.720 | 96.0 | 233769 | 257.3531 | ng | 100 |
| T Methyl tert-butyl ether (MTBE) | 3.754 | 73.0 | 296029 | 260.7416 | ng | 100 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 442070 | 260.0378 | ng | 99 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 331689 | 258.8981 | ng | 97 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 243087 | 264.3041 | ng | 98 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 348492 | 2621.9160 | ng | 98 |
| T Bromochloromethane | 5.516 | 128.0 | 99685 | 262.8745 | ng | 99 |
| T Chloroform | 5.653 | 83.0 | 420250 | 247.5804 | ng | 99 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|---------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.834 | 97.0 | 414139 | 264.4318 | ng | 99 |
| T Carbon tetrachloride | 6.027 | 117.0 | 404308 | 266.1753 | ng | 99 |
| T 1,1-Dichloropropene | 6.038 | 75.0 | 350070 | 275.6455 | ng | 99 |
| T Benzene | 6.277 | 78.0 | 920174 | 263.3789 | ng | 100 |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 236845 | 245.4404 | ng | 99 |
| T Trichloroethene | 7.028 | 95.0 | 265703 | 266.3072 | ng | 99 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 235120 | 268.0280 | ng | 97 |
| T Dibromomethane | 7.396 | 93.0 | 97445 | 263.5412 | ng | 98 |
| T Bromodichloromethane | 7.585 | 83.0 | 270436 | 260.1015 | ng | 98 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 311156 | 272.7213 | ng | 99 |
| T Toluene | 8.388 | 92.0 | 587069 | 270.8830 | ng | 100 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 223772 | 268.8845 | ng | 97 |
| T 1,1,2-Trichloroethane | 8.818 | 83.0 | 110317 | 260.6902 | ng | 96 |
| T Tetrachloroethene | 8.938 | 163.8 | 231586 | 263.5170 | ng | 98 |
| T 1,3-Dichloropropane | 8.982 | 76.0 | 223019 | 260.4297 | ng | 99 |
| T Chlorodibromomethane | 9.203 | 129.0 | 178171 | 261.4293 | ng | 100 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 124289 | 265.9291 | ng | 98 |
| T Chlorobenzene | 9.802 | 112.0 | 625101 | 263.1099 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.889 | 131.0 | 219325 | 263.1086 | ng | 100 |
| T Ethylbenzene | 9.919 | 91.0 | 1116949 | 259.5637 | ng | 99 |
| T m+p-Xylenes | 10.039 | 106.0 | 887253 | 520.9218 | ng | 100 |
| T o-Xylene | 10.430 | 106.0 | 387676 | 257.9276 | ng | 97 |
| T Styrene | 10.449 | 104.0 | 646327 | 261.6473 | ng | 99 |
| T Bromoform | 10.625 | 172.5 | 96001 | 255.8151 | ng | 98 |
| T Bromobenzene | 11.093 | 156.0 | 243851 | 267.4139 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.110 | 83.0 | 133573 | 256.8068 | ng | 100 |
| T 1,2,3-Trichloropropane | 11.146 | 110.0 | 36124 | 264.3420 | ng | 98 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 247831 | 274.6030 | ng | 99 |
| T 4-Chlorotoluene | 11.397 | 91.0 | 814408 | 278.6073 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 436562 | 264.2369 | ng | 100 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 438291 | 260.2139 | ng | 100 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 366153 | 265.4514 | ng | 98 |

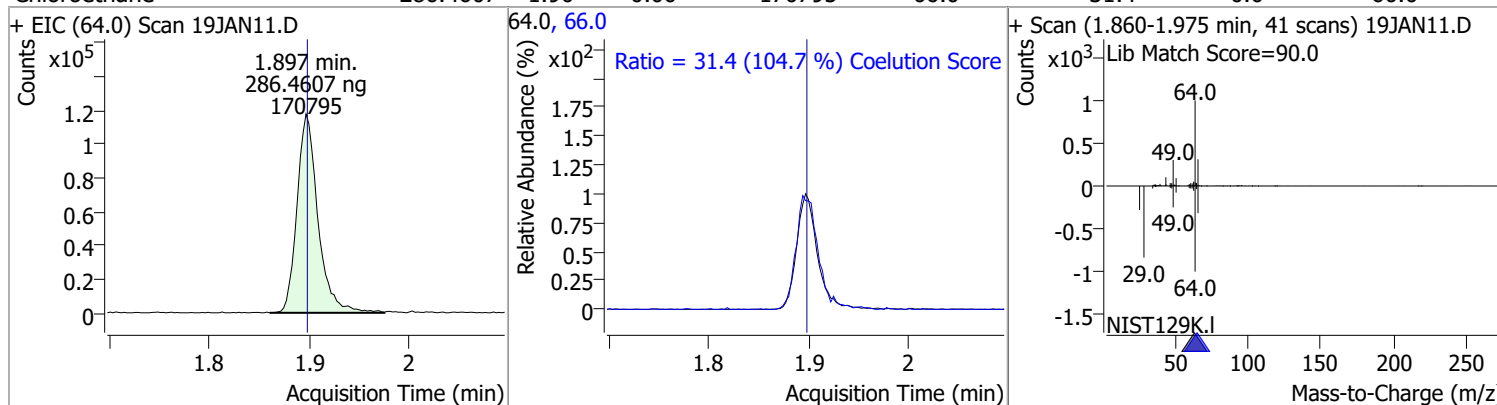
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

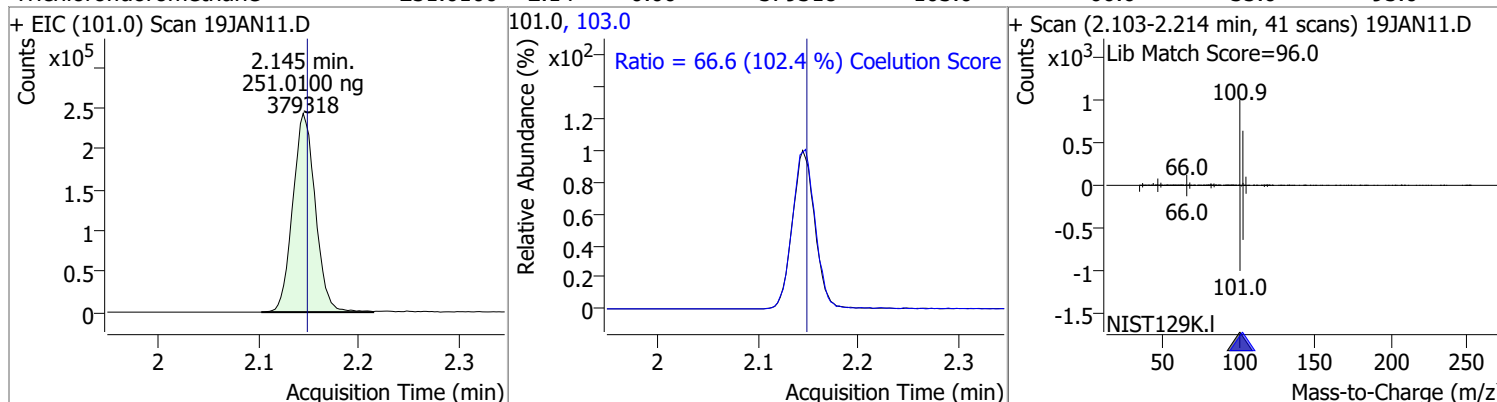
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|----------|------|--|--------|------|---|-------|-------|
| Dichlorodifluoromethane | 259.1417 | 1.24 | 0.00 | 304740 | 87.0 | 32.1 | 1.8 | 61.8 |
| + EIC (85.0) Scan 19JAN11.D  | | | 85.0, 87.0  | | | + Scan (1.216-1.375 min, 58 scans) 19JAN11.D Lib Match Score=92.8  | | |
| Chloromethane | 250.2957 | 1.41 | 0.00 | 346531 | 52.0 | 32.8 | 2.4 | 62.4 |
| + EIC (50.0) Scan 19JAN11.D  | | | 50.0, 52.0  | | | + Scan (1.369-1.484 min, 42 scans) 19JAN11.D Lib Match Score=92.8  | | |
| Vinyl chloride | 259.0664 | 1.50 | 0.00 | 326478 | 64.0 | 30.0 | 1.3 | 61.3 |
| + EIC (62.0) Scan 19JAN11.D  | | | 62.0, 64.0  | | | + Scan (1.467-1.626 min, 58 scans) 19JAN11.D Lib Match Score=90.3  | | |
| Bromomethane | 264.9993 | 1.80 | 0.00 | 153759 | 94.0 | 106.3 | 80.1 | 140.1 |
| + EIC (96.0) Scan 19JAN11.D  | | | 96.0, 94.0  | | | + Scan (1.763-1.933 min, 62 scans) 19JAN11.D Lib Match Score=72.9  | | |

Quantitation Results Report (QT Reviewed)

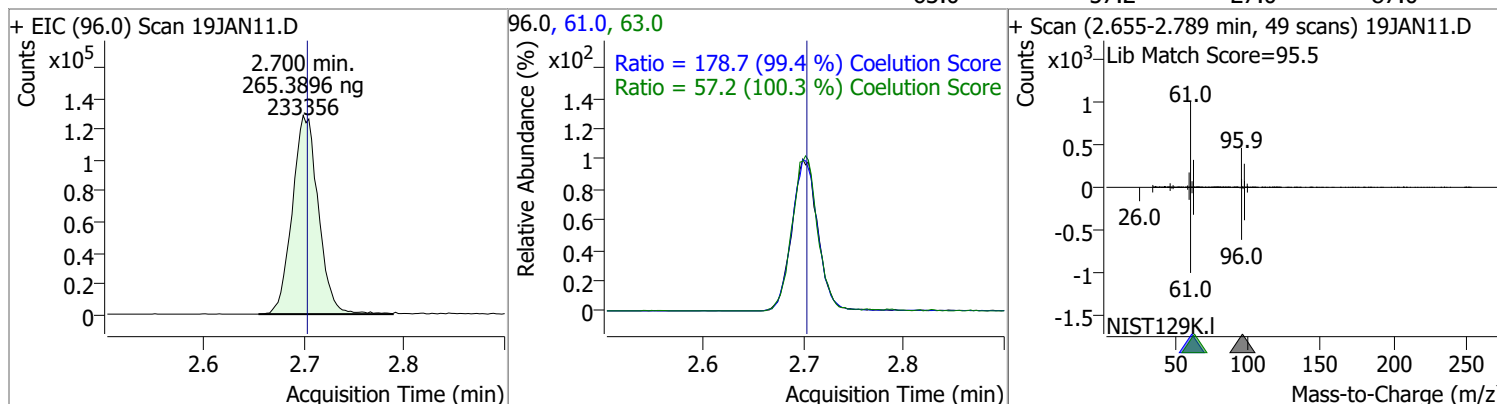
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroethane | 286.4607 | 1.90 | 0.00 | 170795 | 66.0 | 31.4 | 0.0 | 60.0 |



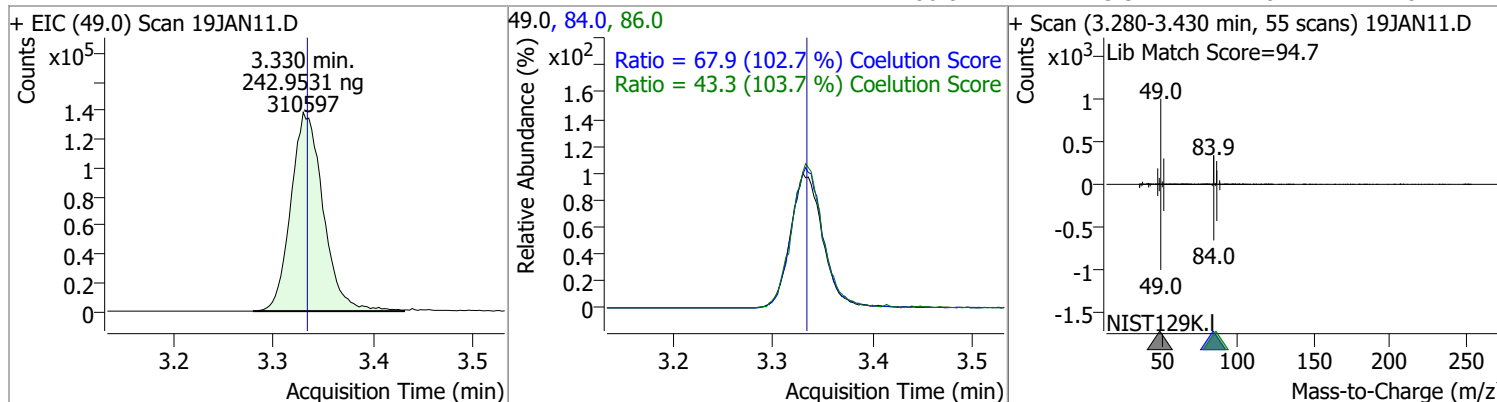
| | | | | | | | | |
|------------------------|----------|------|------|--------|-------|------|------|------|
| Trichlorofluoromethane | 251.0100 | 2.14 | 0.00 | 379318 | 103.0 | 66.6 | 35.0 | 95.0 |
|------------------------|----------|------|------|--------|-------|------|------|------|



| | | | | | | | | |
|--------------------|----------|------|------|--------|------|-------|-------|-------|
| 1,1-Dichloroethene | 265.3896 | 2.70 | 0.00 | 233356 | 61.0 | 178.7 | 149.9 | 209.9 |
| | | | | | 63.0 | 57.2 | 27.0 | 87.0 |

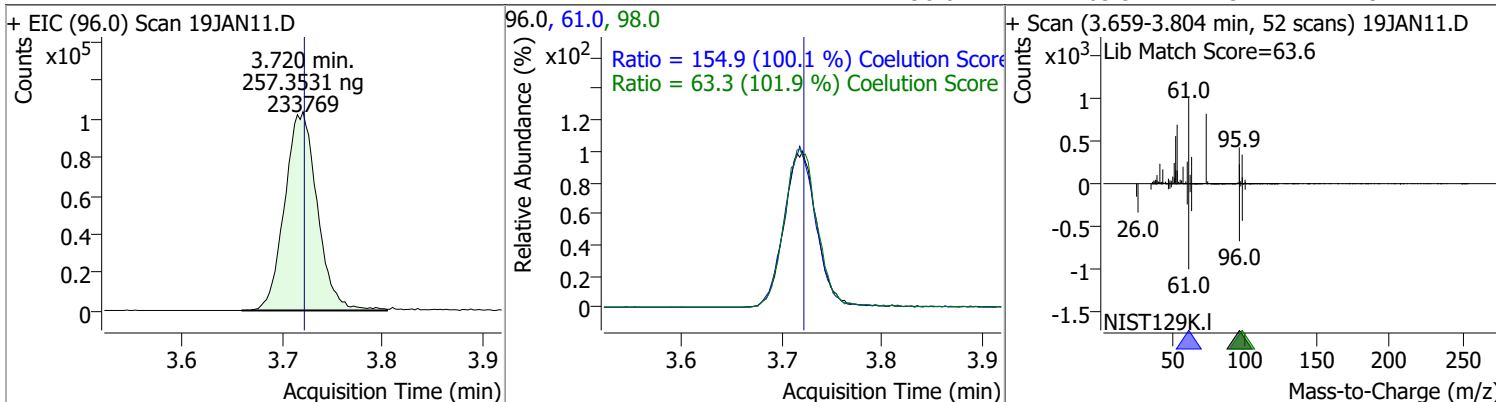


| | | | | | | | | |
|--------------------|----------|------|------|--------|------|------|------|------|
| Methylene chloride | 242.9531 | 3.33 | 0.00 | 310597 | 84.0 | 67.9 | 36.1 | 96.1 |
| | | | | | 86.0 | 43.3 | 11.8 | 71.8 |

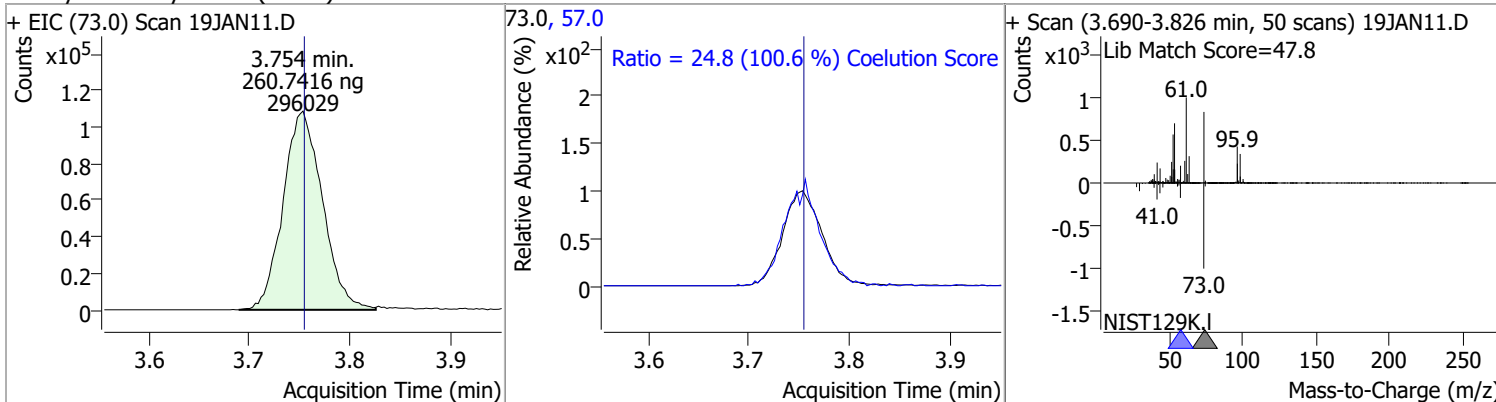


Quantitation Results Report (QT Reviewed)

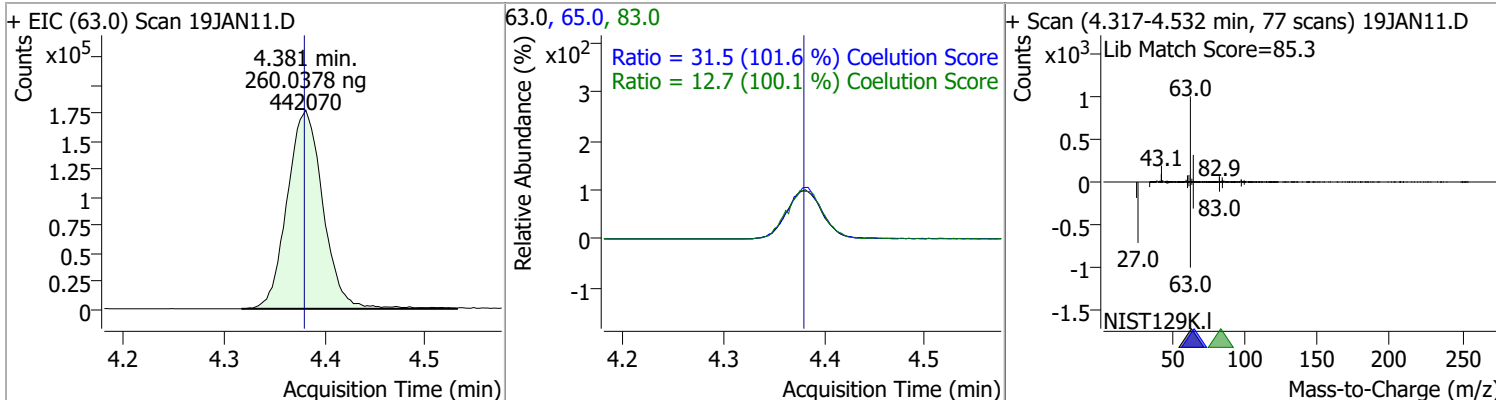
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 257.3531 | 3.72 | 0.00 | 233769 | 61.0 | 154.9 | 124.8 | 184.8 |
| | | | | | 98.0 | 63.3 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 260.7416 | 3.75 | 0.00 | 296029 | 57.0 | 24.8 | 0.0 | 54.6 |

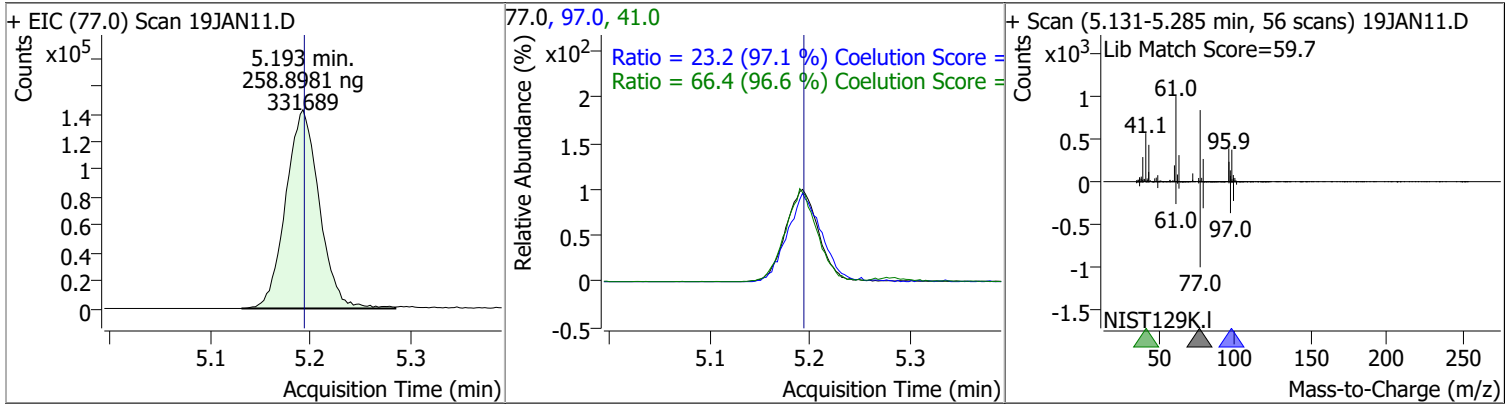


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 260.0378 | 4.38 | 0.00 | 442070 | 65.0 | 31.5 | 1.0 | 61.0 |
| | | | | | 83.0 | 12.7 | 0.0 | 42.7 |

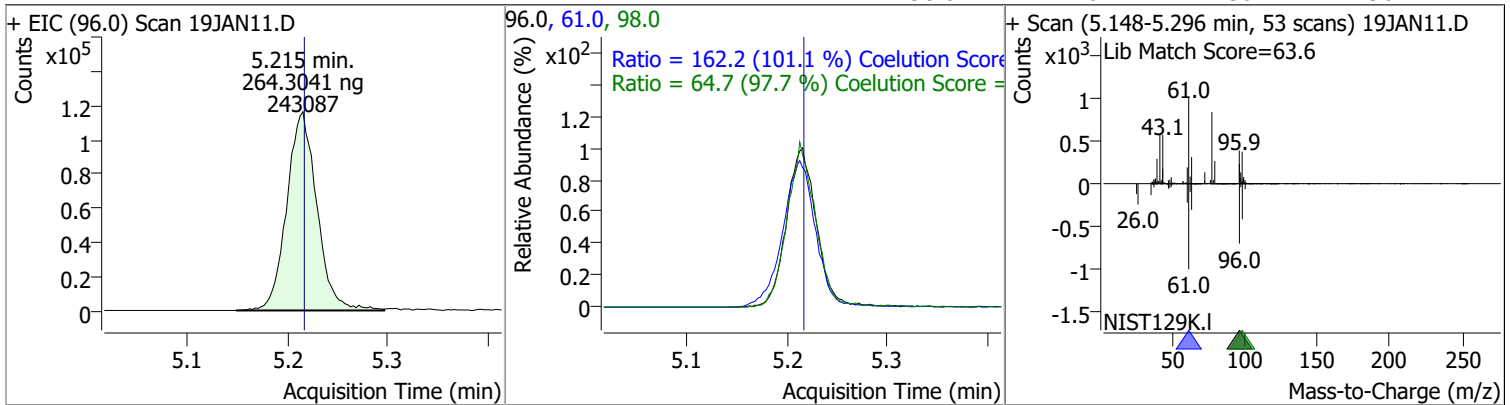


Quantitation Results Report (QT Reviewed)

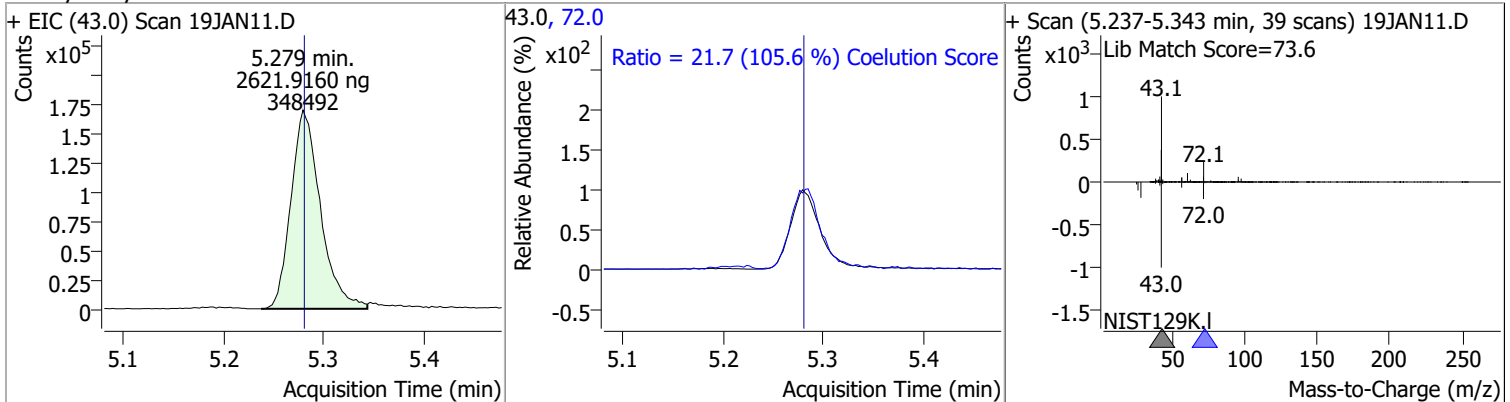
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 258.8981 | 5.19 | 0.00 | 331689 | 41.0 | 66.4 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.2 | 0.0 | 53.9 |



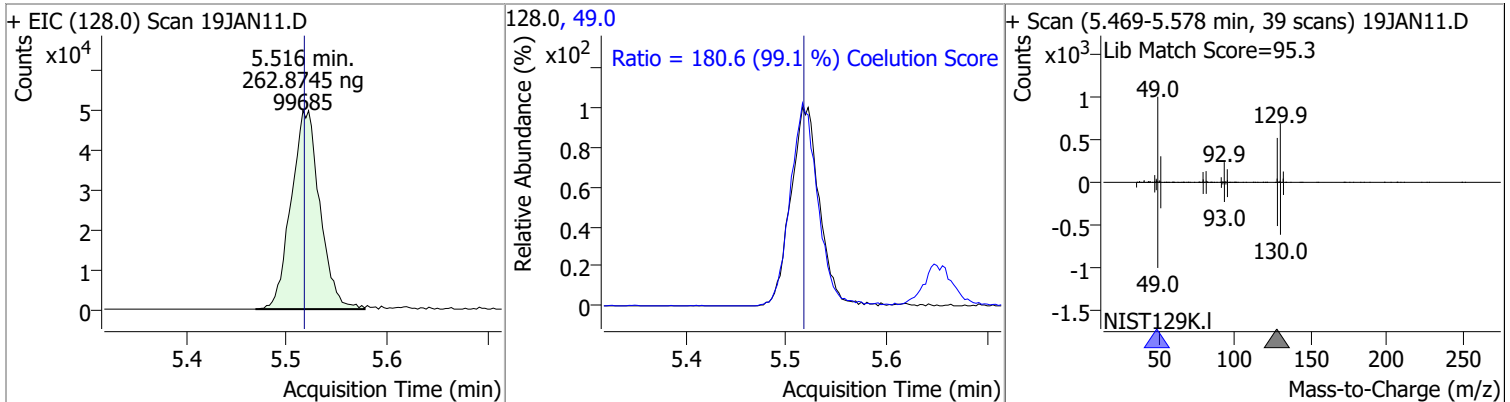
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 264.3041 | 5.22 | 0.00 | 243087 | 61.0 | 162.2 | 130.4 | 190.4 |
| | | | | | 98.0 | 64.7 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 2621.9160 | 5.28 | 0.00 | 348492 | 72.0 | 21.7 | 0.0 | 50.6 |

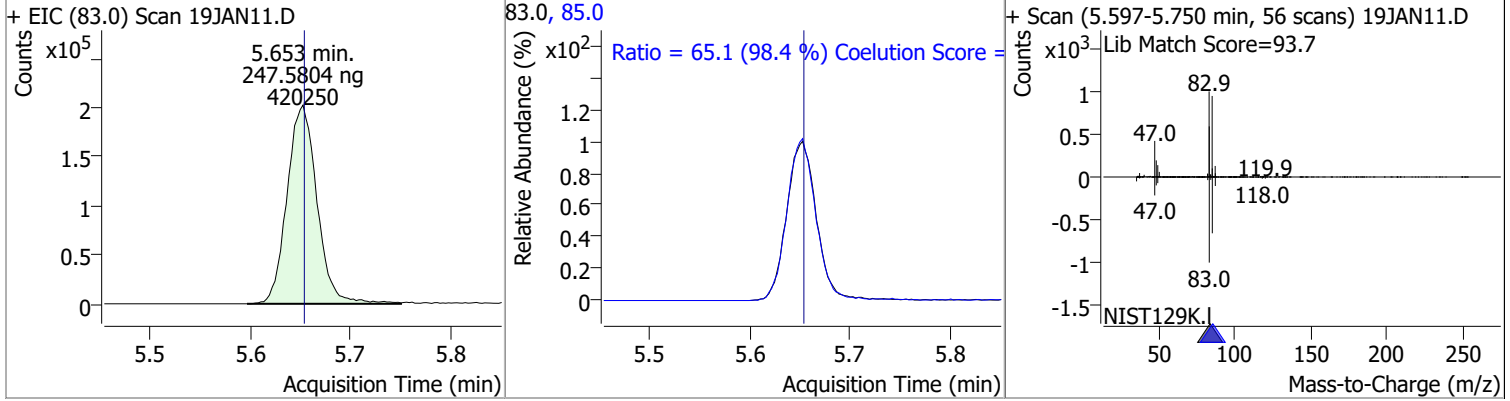


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 262.8745 | 5.52 | 0.00 | 99685 | 49.0 | 180.6 | 152.2 | 212.2 |

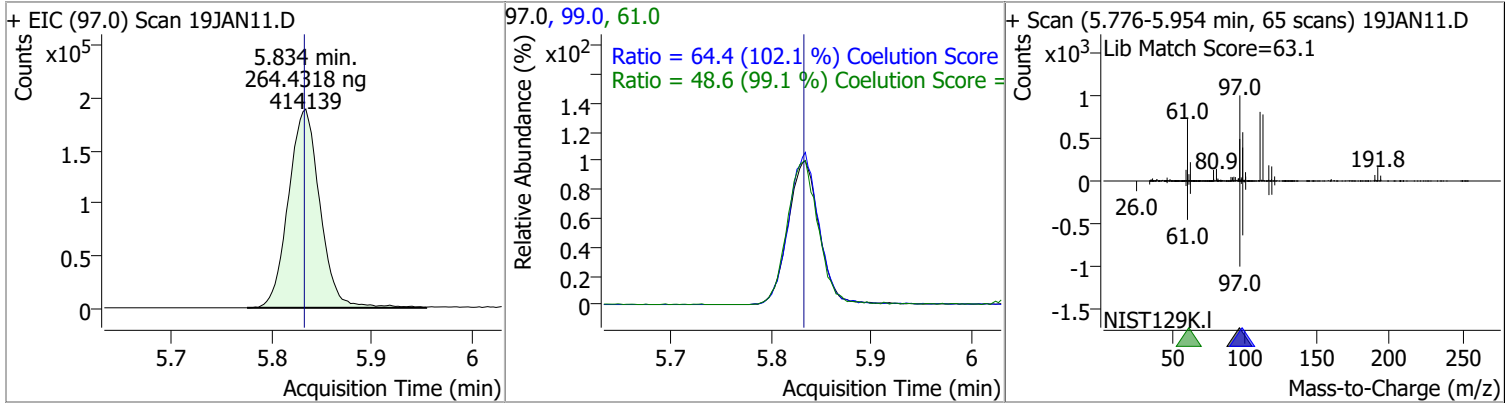


Quantitation Results Report (QT Reviewed)

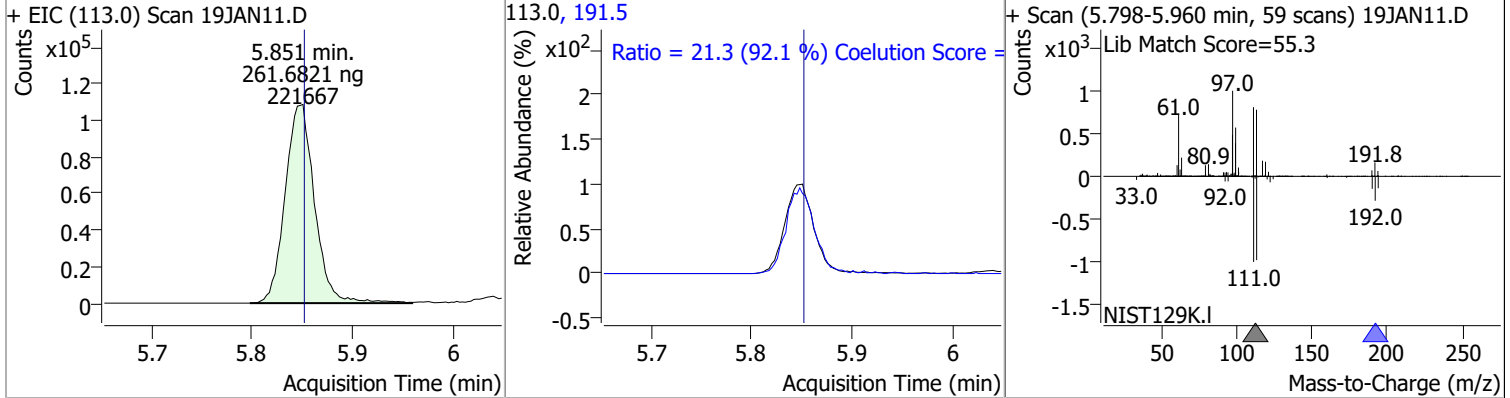
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 247.5804 | 5.65 | 0.00 | 420250 | 85.0 | 65.1 | 36.2 | 96.2 |



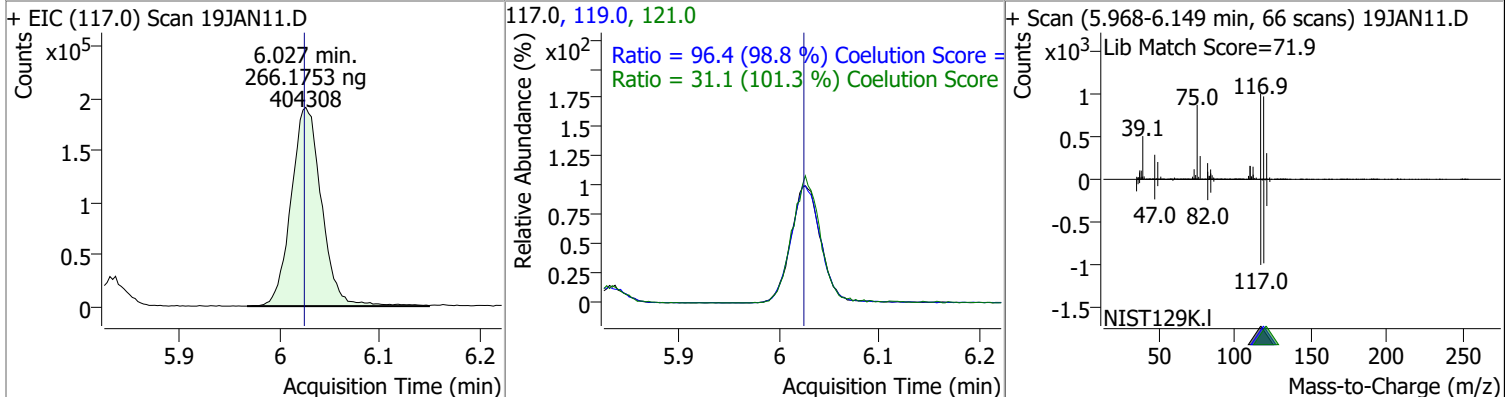
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 264.4318 | 5.83 | 0.00 | 414139 | 99.0 | 64.4 | 33.1 | 93.1 |
| | | | | | 61.0 | 48.6 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 261.6821 | 5.85 | 0.00 | 221667 | 191.5 | 21.3 | 0.0 | 53.2 |

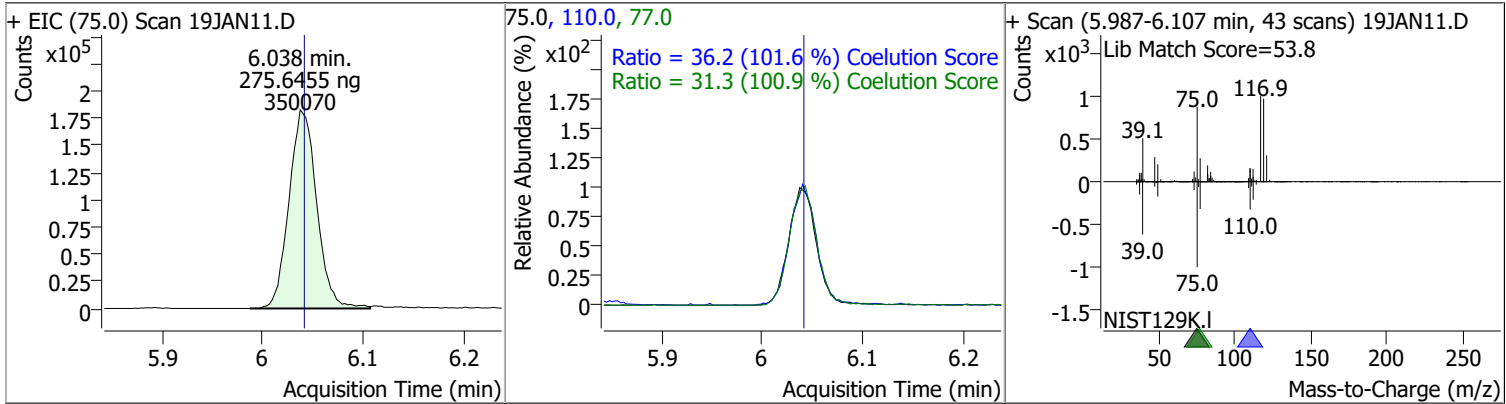


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Carbon tetrachloride | 266.1753 | 6.03 | 0.00 | 404308 | 119.0 | 96.4 | 67.6 | 127.6 |
| | | | | | 121.0 | 31.1 | 0.7 | 60.7 |

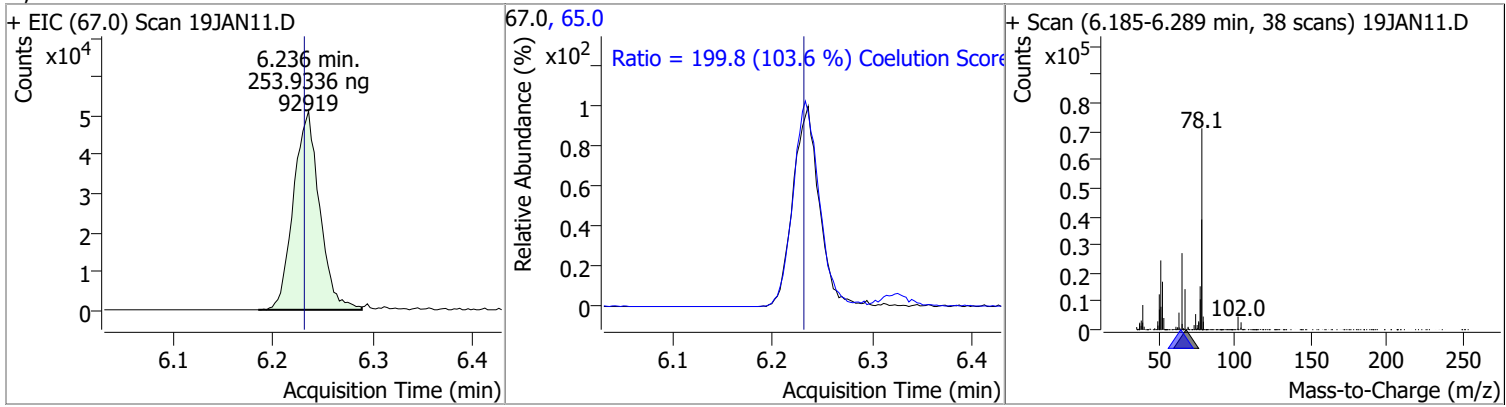


Quantitation Results Report (QT Reviewed)

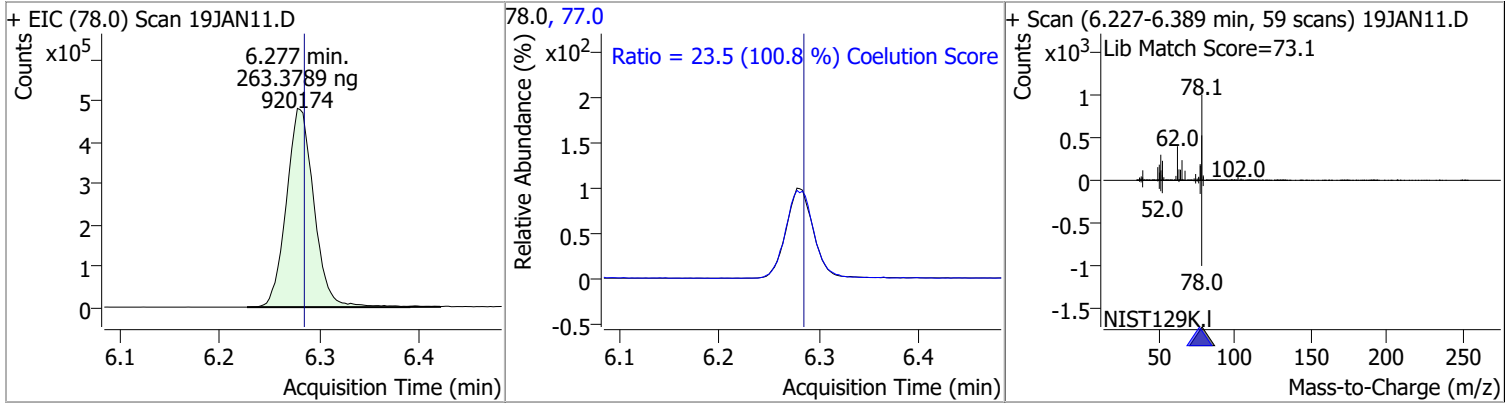
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 275.6455 | 6.04 | 0.00 | 350070 | 110.0 | 36.2 | 5.6 | 65.6 |
| | | | | | 77.0 | 31.3 | 1.0 | 61.0 |



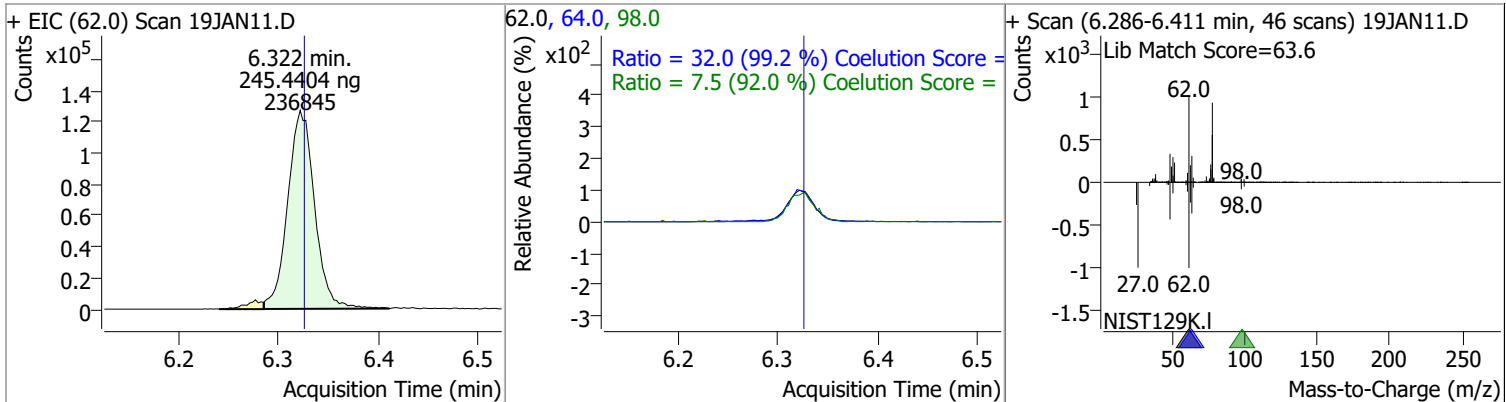
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|-------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 253.9336 | 6.24 | 0.01 | 92919 | 65.0 | 199.8 | 162.8 | 222.8 |
| | | | | | | | | |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 263.3789 | 6.28 | -0.01 | 920174 | 77.0 | 23.5 | 0.0 | 53.3 |
| | | | | | | | | |

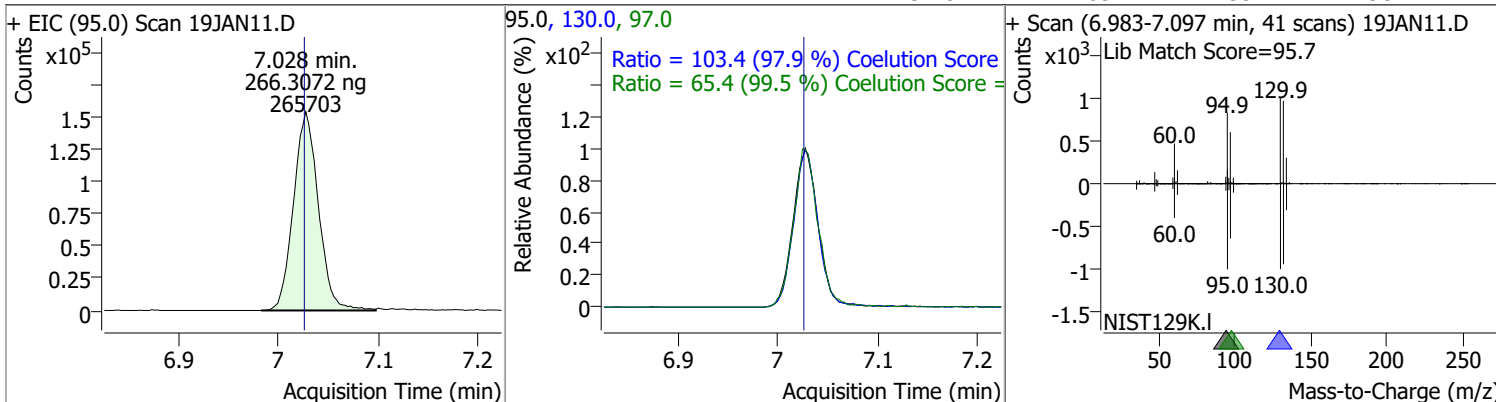


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 245.4404 | 6.32 | 0.00 | 236845 | 64.0 | 32.0 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.5 | 0.0 | 38.2 |

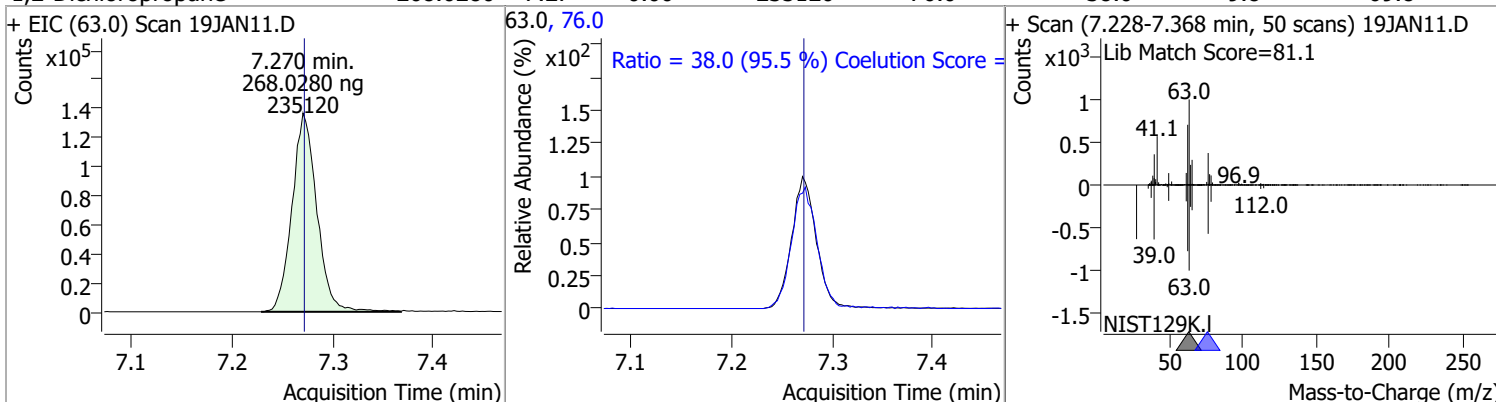


Quantitation Results Report (QT Reviewed)

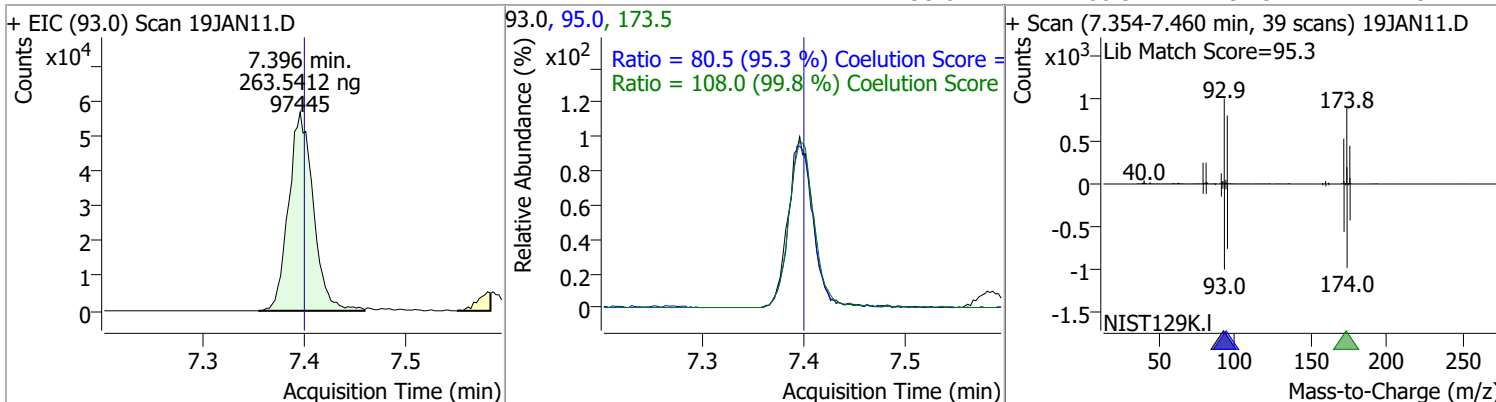
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 266.3072 | 7.03 | 0.00 | 265703 | 130.0 | 103.4 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.4 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 268.0280 | 7.27 | 0.00 | 235120 | 76.0 | 38.0 | 9.8 | 69.8 |

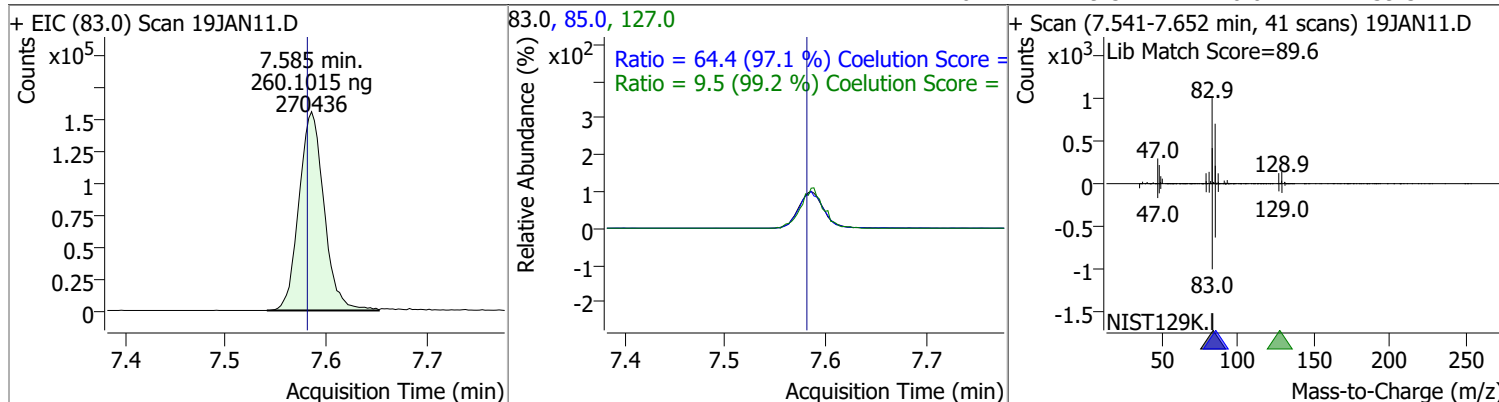


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 263.5412 | 7.40 | 0.00 | 97445 | 173.5 | 108.0 | 78.2 | 138.2 |
| | | | | | 95.0 | 80.5 | 54.5 | 114.5 |

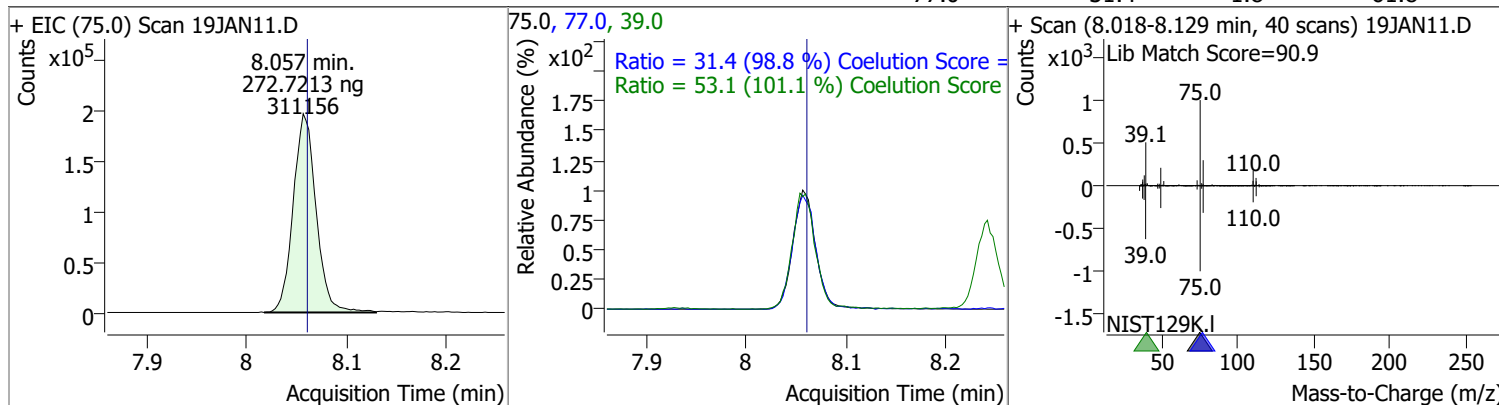


Quantitation Results Report (QT Reviewed)

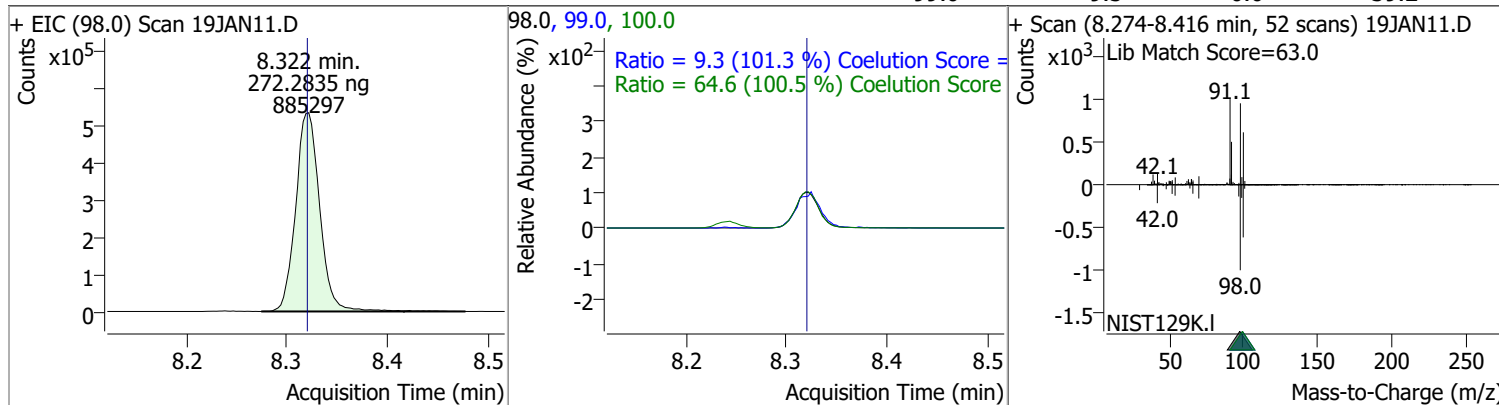
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 260.1015 | 7.59 | 0.01 | 270436 | 85.0 | 64.4 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.5 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 272.7213 | 8.06 | 0.00 | 311156 | 39.0 | 53.1 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.4 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 272.2835 | 8.32 | 0.00 | 885297 | 100.0 | 64.6 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.3 | 0.0 | 39.2 |

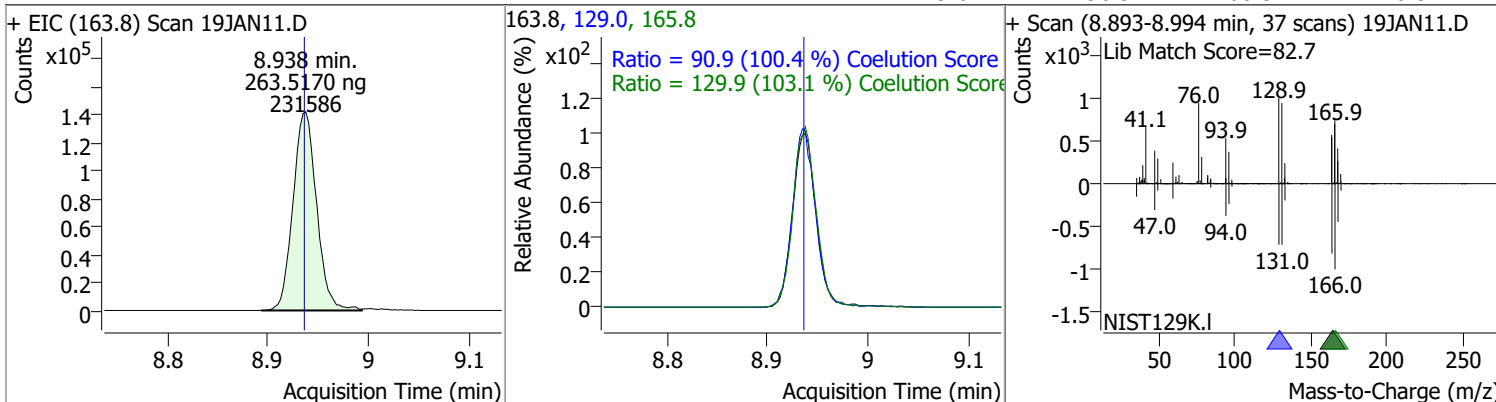


Quantitation Results Report (QT Reviewed)

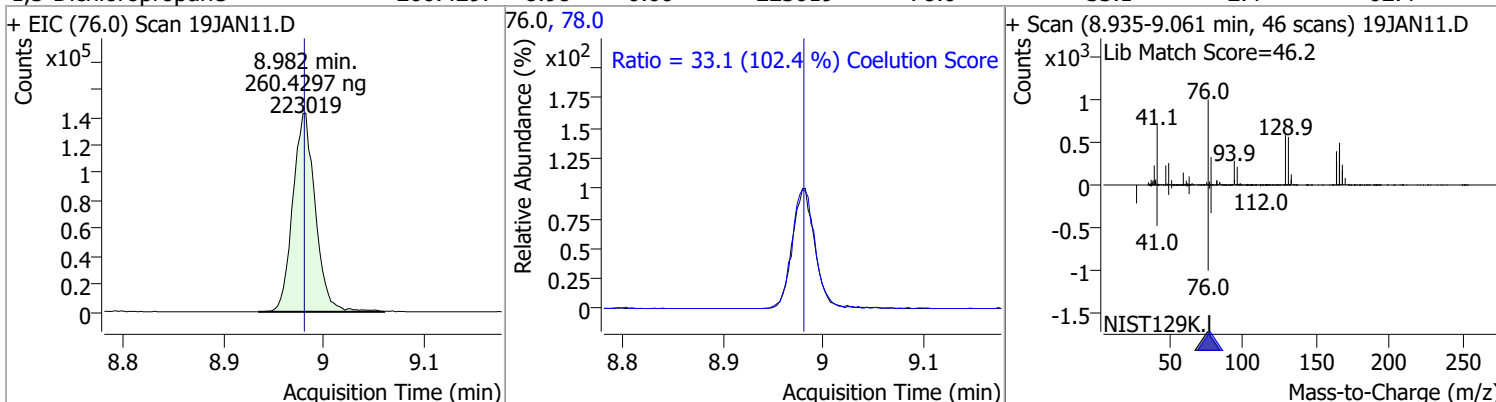
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------------|----------|------|---|--------|------|--|-------|-------|
| Toluene | 270.8830 | 8.39 | 0.00 | 587069 | 91.0 | 173.5 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN11.D | | | 92.0, 91.0 | | | + Scan (8.344-8.494 min, 55 scans) 19JAN11.D | | |
| | | | | | | | | |
| | | | Ratio = 173.5 (99.7 %) Coelution Score | | | | | |
| trans-1,3-Dichloropropene | 268.8845 | 8.64 | 0.00 | 223772 | 39.0 | 51.4 | 23.0 | 83.0 |
| | | | | | | 77.0 | 1.0 | 61.0 |
| + EIC (75.0) Scan 19JAN11.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.598-8.709 min, 40 scans) 19JAN11.D | | |
| | | | | | | | | |
| | | | Ratio = 32.8 (105.6 %) Coelution Score | | | | | |
| | | | Ratio = 51.4 (96.9 %) Coelution Score | | | | | |
| 1,1,2-Trichloroethane | 260.6902 | 8.82 | 0.00 | 110317 | 97.0 | 114.3 | 80.7 | 140.7 |
| | | | | | | 85.0 | 30.7 | 90.7 |
| + EIC (83.0) Scan 19JAN11.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.771-8.874 min, 38 scans) 19JAN11.D | | |
| | | | | | | | | |
| | | | Ratio = 114.3 (103.3 %) Coelution Score | | | | | |
| | | | Ratio = 64.9 (106.9 %) Coelution Score | | | | | |

Quantitation Results Report (QT Reviewed)

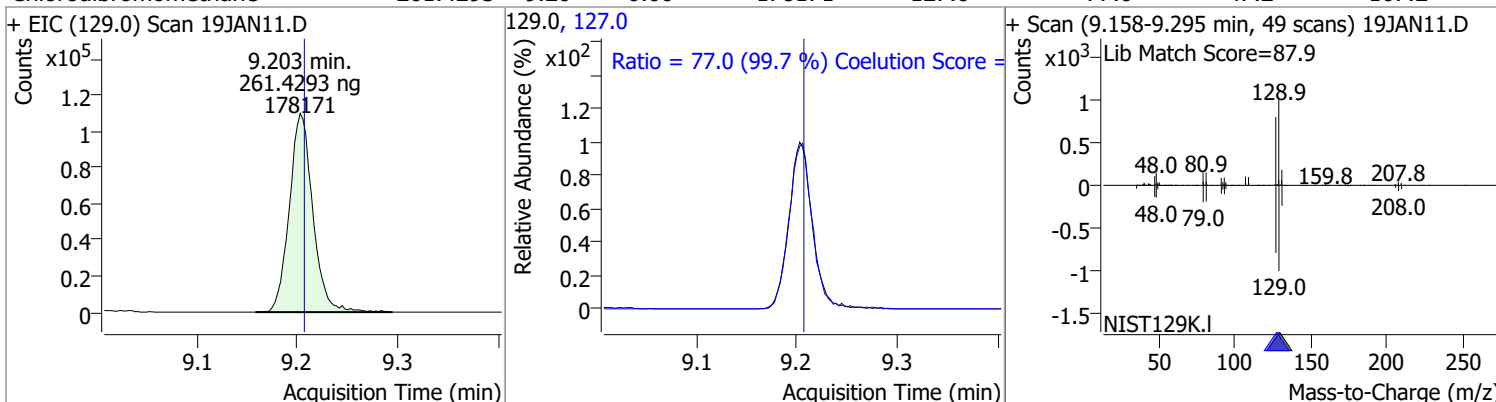
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 263.5170 | 8.94 | 0.00 | 231586 | 165.8 | 129.9 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.9 | 60.5 | 120.5 |



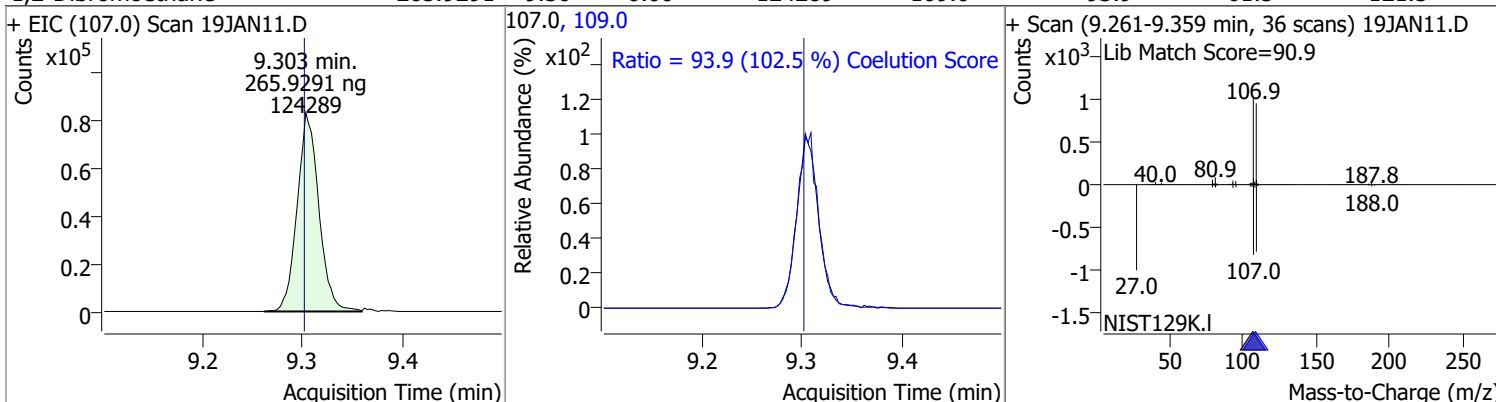
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 260.4297 | 8.98 | 0.00 | 223019 | 78.0 | 33.1 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 261.4293 | 9.20 | 0.00 | 178171 | 127.0 | 77.0 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 265.9291 | 9.30 | 0.00 | 124289 | 109.0 | 93.9 | 61.5 | 121.5 |

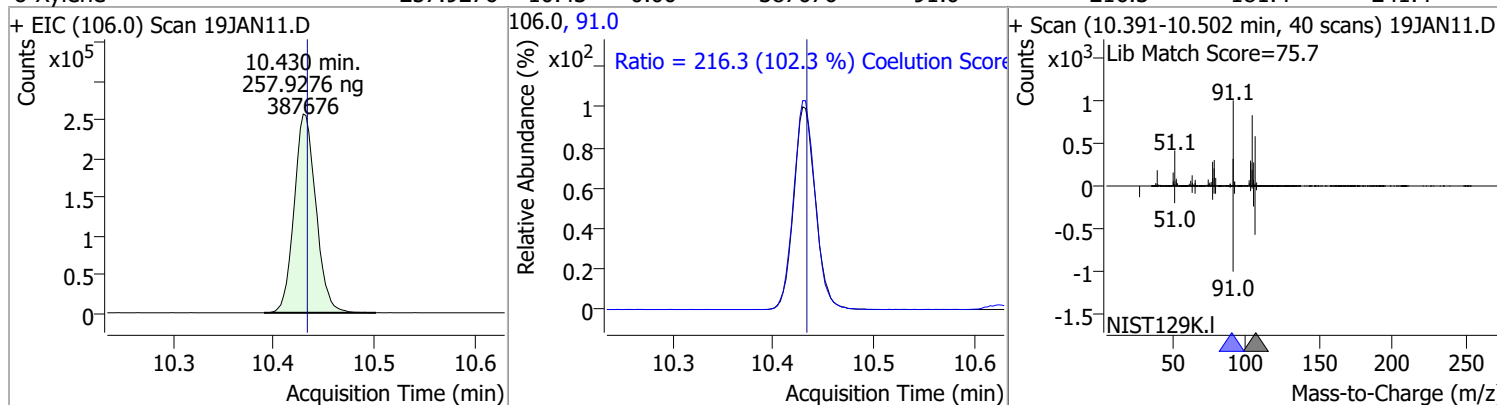


Quantitation Results Report (QT Reviewed)

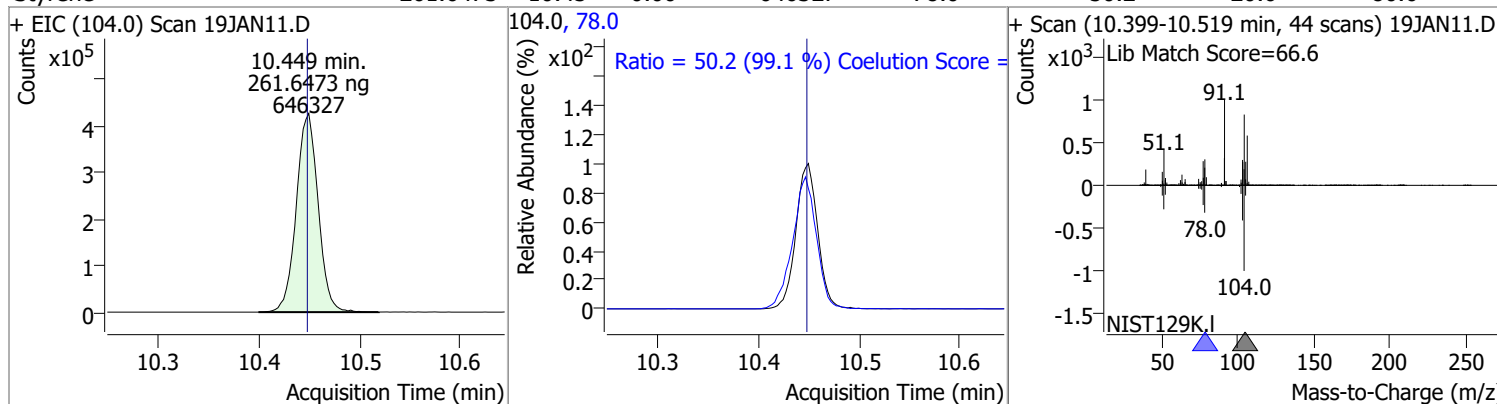
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|----------|-------|--------------|---------|-------|---|-------|-------|
| Chlorobenzene | 263.1099 | 9.80 | 0.00 | 625101 | 114.0 | 32.0 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN11.D | | | 112.0, 114.0 | | | + Scan (9.755-9.886 min, 48 scans) 19JAN11.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 263.1086 | 9.89 | -0.01 | 219325 | 133.0 | 95.6 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN11.D | | | 131.0, 133.0 | | | + Scan (9.850-9.964 min, 42 scans) 19JAN11.D | | |
| | | | | | | | | |
| Ethylbenzene | 259.5637 | 9.92 | 0.00 | 1116949 | 106.0 | 31.2 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN11.D | | | 91.0, 106.0 | | | + Scan (9.875-9.992 min, 42 scans) 19JAN11.D | | |
| | | | | | | | | |
| m+p-Xylenes | 520.9218 | 10.04 | 0.00 | 887253 | 91.0 | 200.5 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN11.D | | | 106.0, 91.0 | | | + Scan (9.986-10.120 min, 49 scans) 19JAN11.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

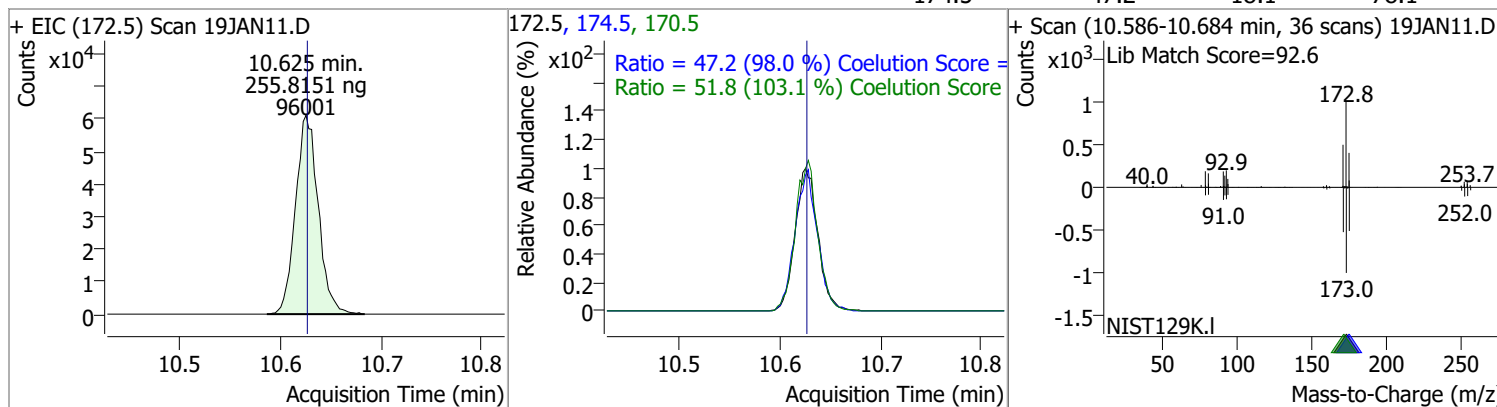
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 257.9276 | 10.43 | 0.00 | 387676 | 91.0 | 216.3 | 181.4 | 241.4 |



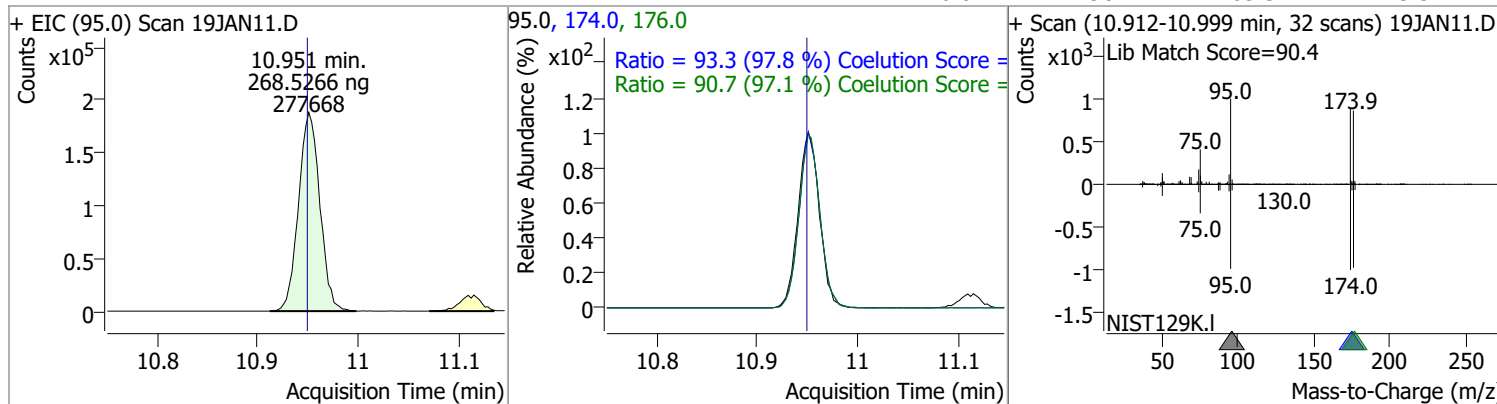
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 261.6473 | 10.45 | 0.00 | 646327 | 78.0 | 50.2 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 255.8151 | 10.62 | 0.00 | 96001 | 170.5 | 51.8 | 20.3 | 80.3 |
| | | | | | 174.5 | 47.2 | 18.1 | 78.1 |

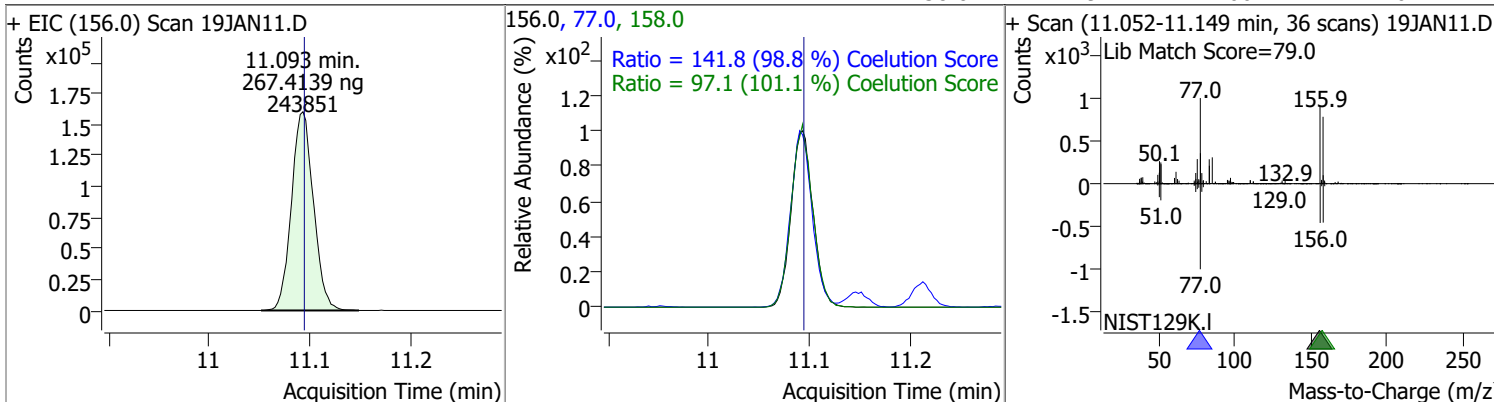


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 268.5266 | 10.95 | 0.00 | 277668 | 174.0 | 93.3 | 65.3 | 125.3 |
| | | | | | 176.0 | 90.7 | 63.3 | 123.3 |

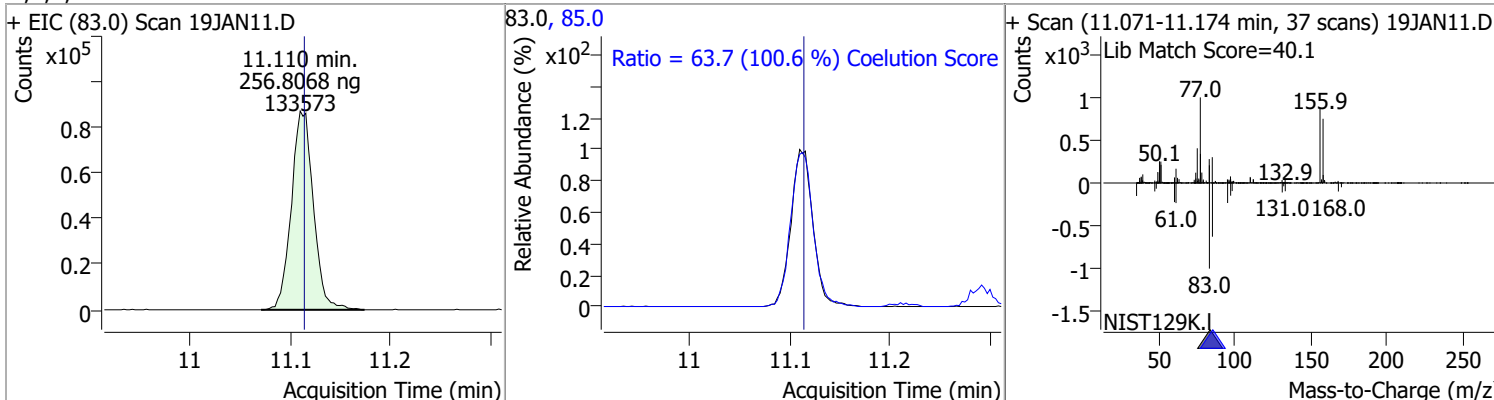


Quantitation Results Report (QT Reviewed)

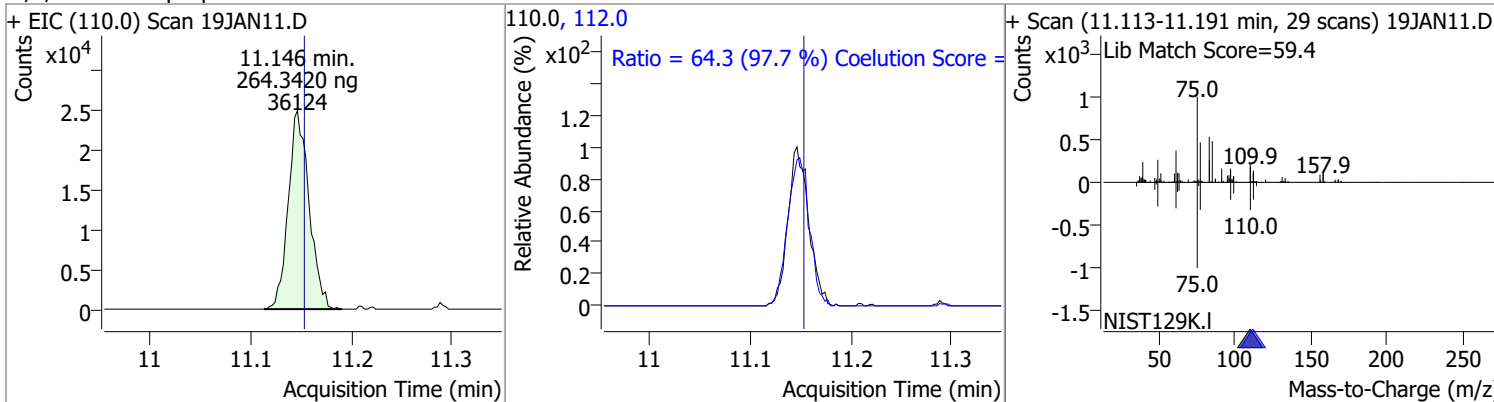
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 267.4139 | 11.09 | 0.00 | 243851 | 77.0 | 141.8 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.1 | 66.1 | 126.1 |



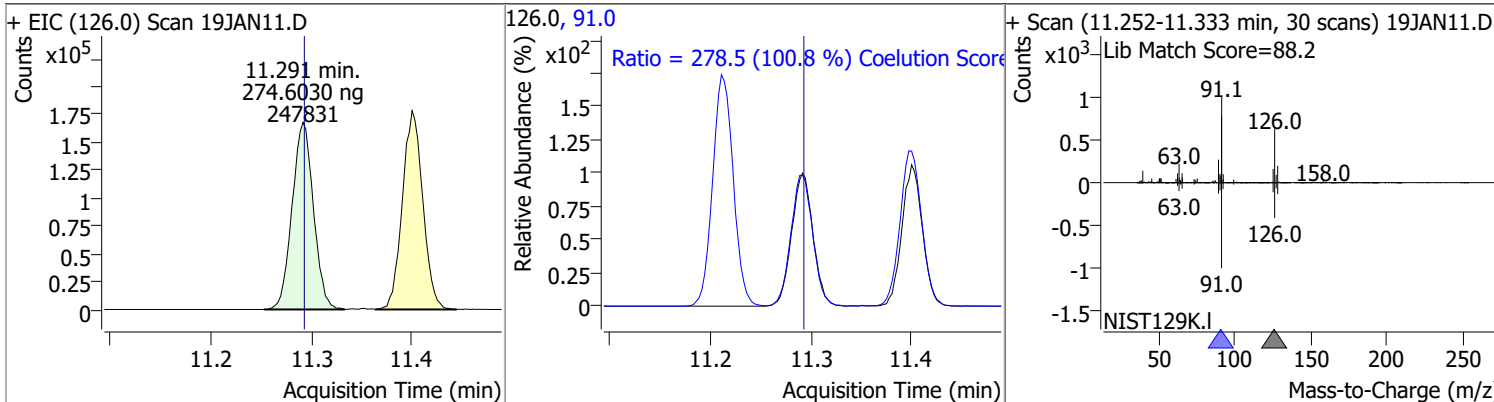
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|--------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 256.8068 | 11.11 | 0.00 | 133573 | 85.0 | 63.7 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 264.3420 | 11.15 | -0.01 | 36124 | 112.0 | 64.3 | 35.8 | 95.8 |

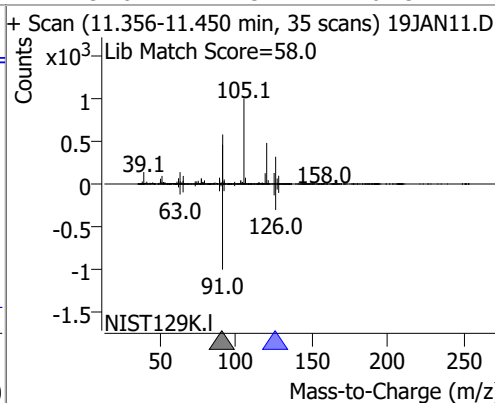
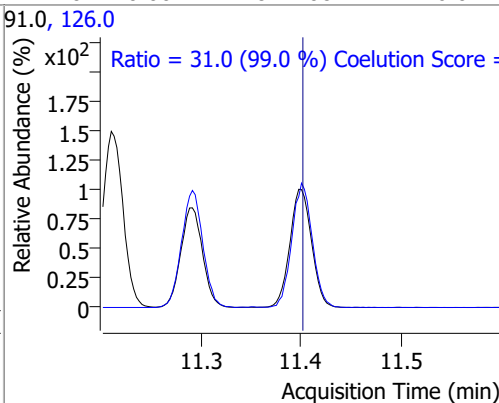
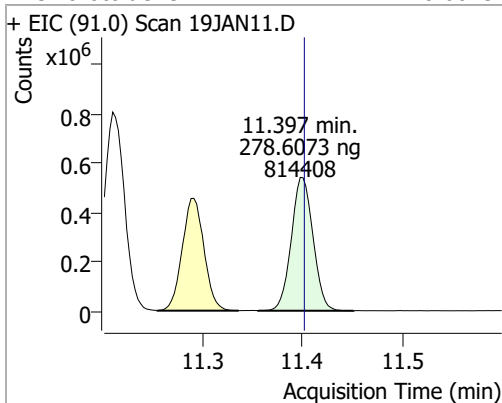


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 274.6030 | 11.29 | 0.00 | 247831 | 91.0 | 278.5 | 246.2 | 306.2 |

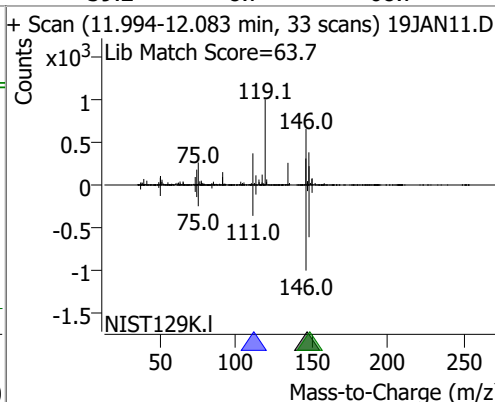
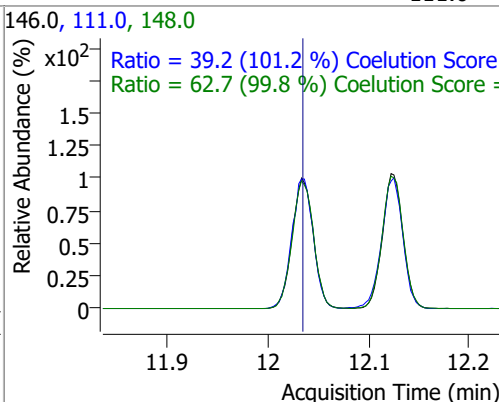
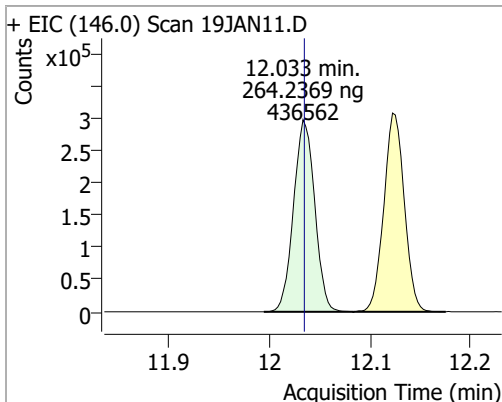


Quantitation Results Report (QT Reviewed)

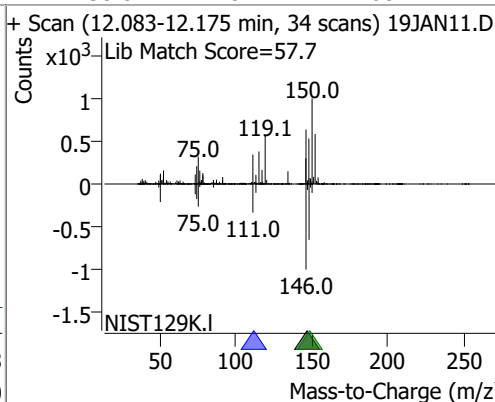
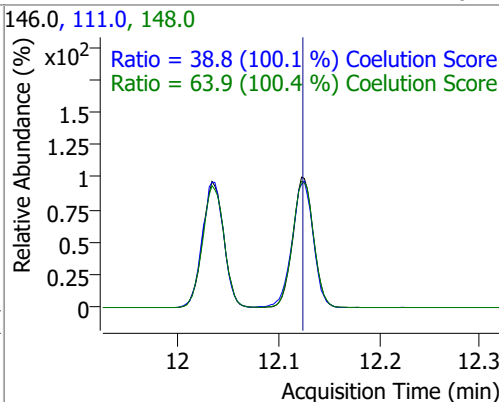
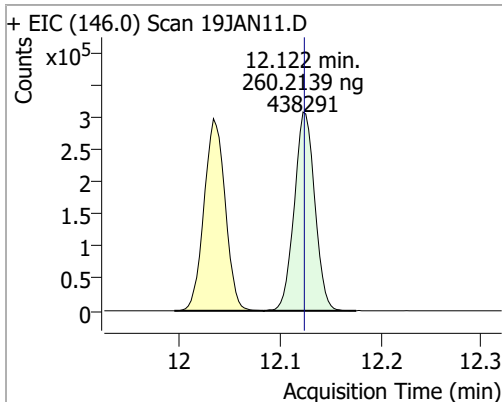
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 278.6073 | 11.40 | 0.00 | 814408 | 126.0 | 31.0 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 264.2369 | 12.03 | 0.00 | 436562 | 148.0 | 62.7 | 32.8 | 92.8 |
| | | | | | 111.0 | 39.2 | 8.7 | 68.7 |

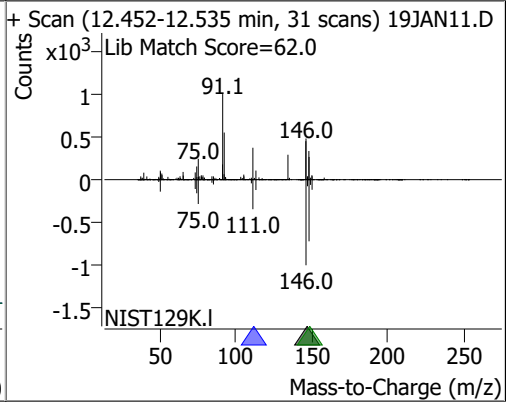
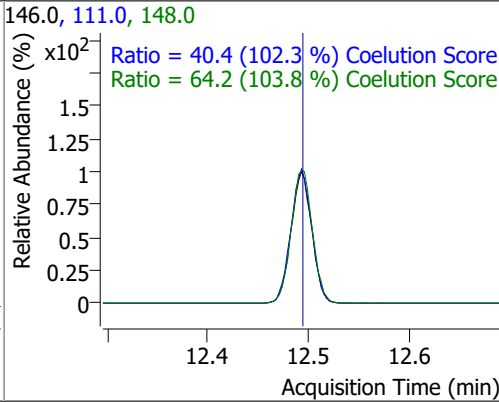
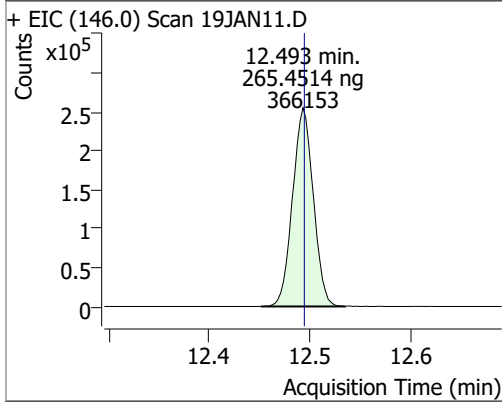


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 260.2139 | 12.12 | 0.00 | 438291 | 148.0 | 63.9 | 33.7 | 93.7 |
| | | | | | 111.0 | 38.8 | 8.7 | 68.7 |



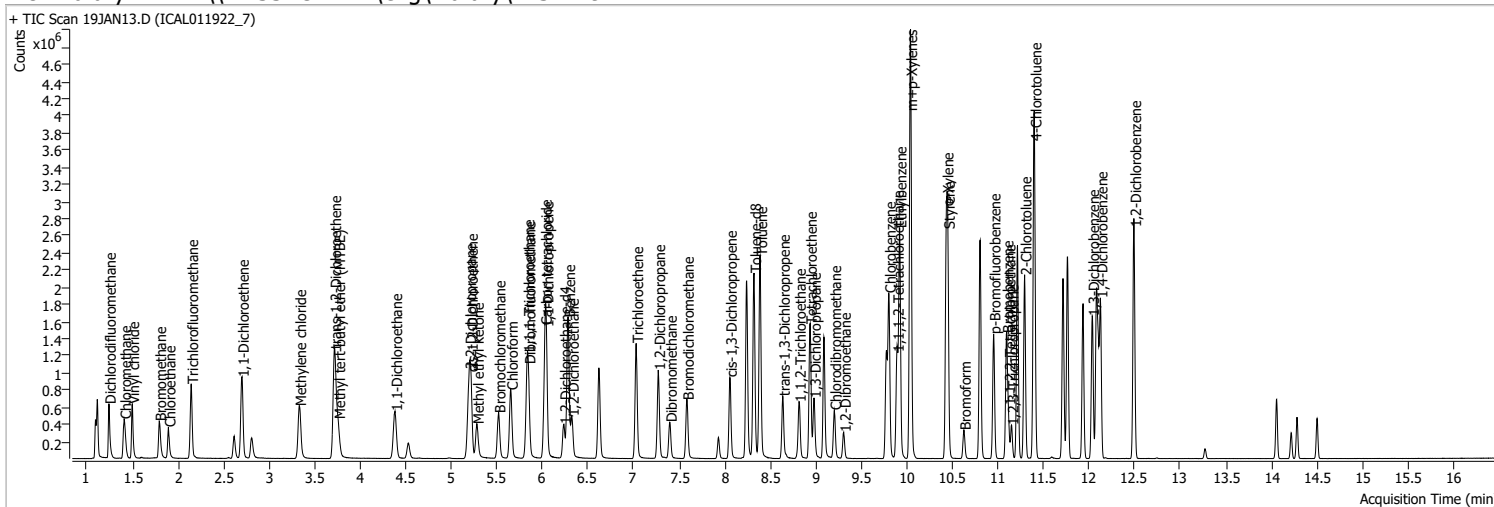
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 265.4514 | 12.49 | 0.00 | 366153 | 148.0 | 64.2 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.4 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN13.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 2:53:18 PM |
| Sample Name | ICAL011922_7 | Instrument | VOA5975C |
| Vial | 13 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|----------|----|------|-------|-------|-------|----------|
|----------|----|------|-------|-------|-------|----------|

Internal Standards

| | | | | | | |
|--------------------------|--------|-------|--------|----------|----|--------|
| M Fluorobenzene | 6.618 | 96.0 | 894962 | 250.0000 | ng | -0.003 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 333736 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 286959 | 250.0000 | ng | 0.000 |

System Monitoring Compounds

| | | | | | | |
|-------------------------|----------------------|-------|---------|--------------------|----|--------|
| S Dibromofluoromethane | 5.845 | 113.0 | 325687 | 375.7157 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 150.29% | * | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 139362 | 372.1740 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 148.87% | * | |
| S Toluene-d8 | 8.322 | 98.0 | 1329503 | 408.3346 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 163.33% | * | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 415878 | 392.5157 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 157.01% | * | |

Target Compounds

| Compound | RT | QIon | Resp. | Conc. | Units | QValue |
|----------------------------------|-------|-------|--------|-----------|-------|--------|
| T Dichlorodifluoromethane | 1.241 | 85.0 | 452793 | 376.2647 | ng | 100 |
| T Chloromethane | 1.408 | 50.0 | 529250 | 373.5581 | ng | 100 |
| T Vinyl chloride | 1.498 | 62.0 | 479607 | 371.9021 | ng | 99 |
| T Bromomethane | 1.793 | 96.0 | 235754 | 380.3767 | ng | 96 |
| T Chloroethane | 1.894 | 64.0 | 233233 | 382.2662 | ng | 97 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 569126 | 368.0290 | ng | 98 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 344045 | 382.3544 | ng | 98 |
| T Methylene chloride | 3.330 | 49.0 | 470733 | 359.8205 | ng | 99 |
| T trans-1,2-Dichloroethene | 3.715 | 96.0 | 355984 | 382.9648 | ng | 100 |
| T Methyl tert-butyl ether (MTBE) | 3.757 | 73.0 | 452747 | 389.6885 | ng | 100 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 658287 | 378.3961 | ng | 99 |
| T 2,2-Dichloropropane | 5.195 | 77.0 | 501019 | 382.1537 | ng | 96 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 369412 | 392.4995 | ng | 97 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 538796 | 3961.2871 | ng | 98 |
| T Bromochloromethane | 5.519 | 128.0 | 147182 | 379.2795 | ng | 98 |
| T Chloroform | 5.653 | 83.0 | 641596 | 369.3654 | ng | 98 |

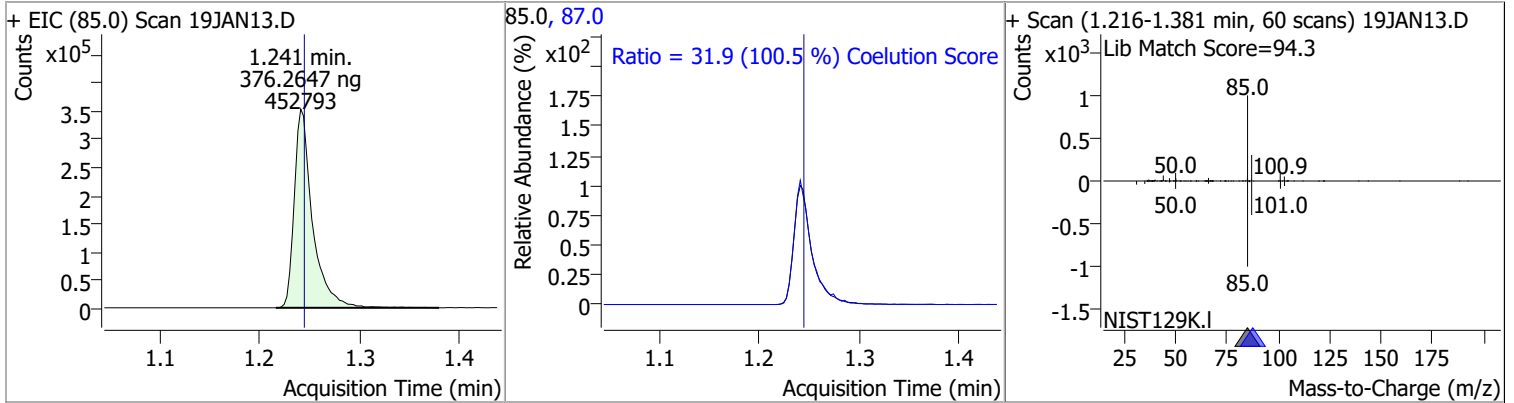
Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|---------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.834 | 97.0 | 616756 | 384.8283 | ng | 99 |
| T Carbon tetrachloride | 6.026 | 117.0 | 604305 | 388.7744 | ng | 99 |
| T 1,1-Dichloropropene | 6.043 | 75.0 | 531739 | 409.1480 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 1403257 | 392.4951 | ng | 100 |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 368750 | 373.4220 | ng | 96 |
| T Trichloroethene | 7.028 | 95.0 | 399934 | 400.2849 | ng | 99 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 352771 | 401.5854 | ng | 98 |
| T Dibromomethane | 7.396 | 93.0 | 143756 | 388.2481 | ng | 99 |
| T Bromodichloromethane | 7.583 | 83.0 | 408420 | 392.2653 | ng | 98 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 471983 | 413.1062 | ng | 99 |
| T Toluene | 8.388 | 92.0 | 890126 | 410.1461 | ng | 99 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 345161 | 414.1677 | ng | 95 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 167409 | 395.0532 | ng | 98 |
| T Tetrachloroethene | 8.935 | 163.8 | 346235 | 393.4248 | ng | 98 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 339654 | 396.0772 | ng | 99 |
| T Chlorodibromomethane | 9.203 | 129.0 | 269032 | 394.1991 | ng | 99 |
| T 1,2-Dibromoethane | 9.306 | 107.0 | 184921 | 395.1062 | ng | 98 |
| T Chlorobenzene | 9.799 | 112.0 | 945250 | 397.3088 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.889 | 131.0 | 329822 | 395.1127 | ng | 99 |
| T Ethylbenzene | 9.919 | 91.0 | 1697682 | 381.4483 | ng | 99 |
| T m+p-Xylenes | 10.037 | 106.0 | 1334216 | 762.4509 | ng | 99 |
| T o-Xylene | 10.433 | 106.0 | 598606 | 384.0157 | ng | 99 |
| T Styrene | 10.449 | 104.0 | 973131 | 382.7382 | ng | 100 |
| T Bromoform | 10.625 | 172.5 | 143943 | 374.3438 | ng | 98 |
| T Bromobenzene | 11.093 | 156.0 | 361843 | 387.2660 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 199230 | 373.8283 | ng | 99 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 52732 | 376.5948 | ng | 95 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 365790 | 395.5589 | ng | 95 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 1209058 | 403.6708 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 652775 | 385.6033 | ng | 99 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 656962 | 380.6606 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 546389 | 386.5930 | ng | 98 |

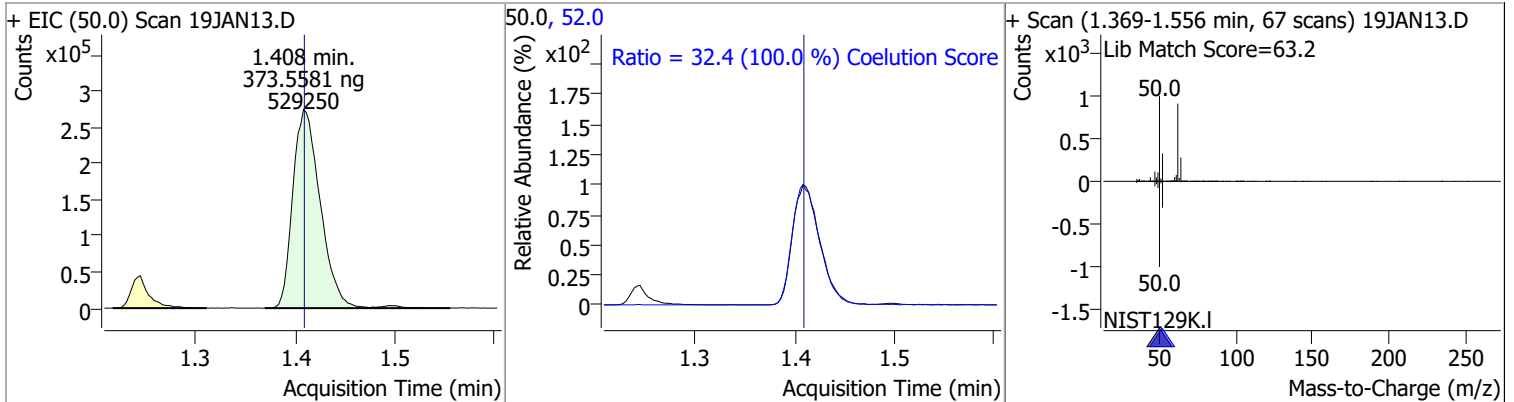
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

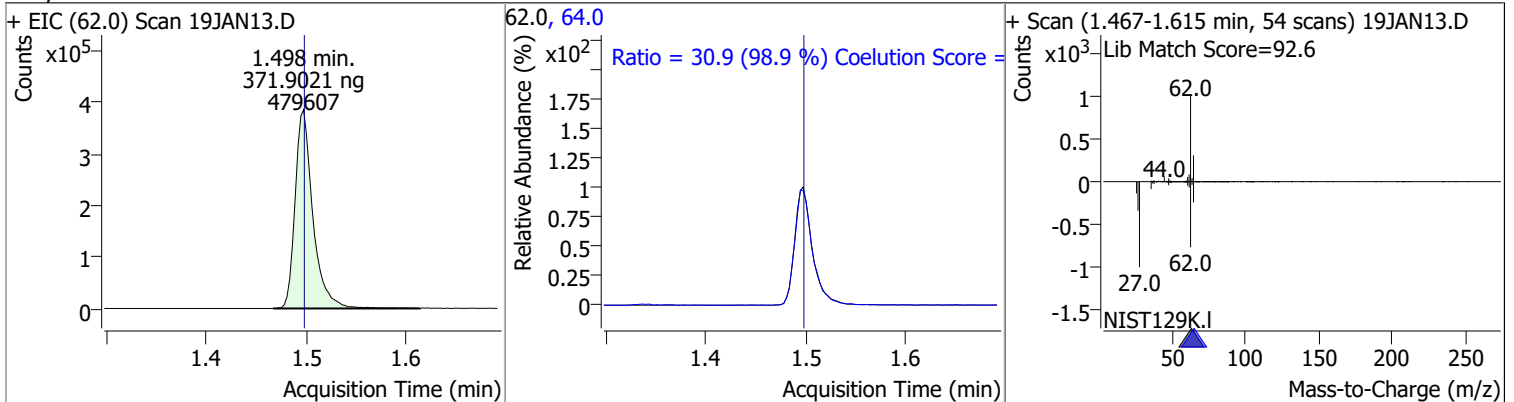
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
|----------|-------|----|----------|-------|------|--------|-------|-------|



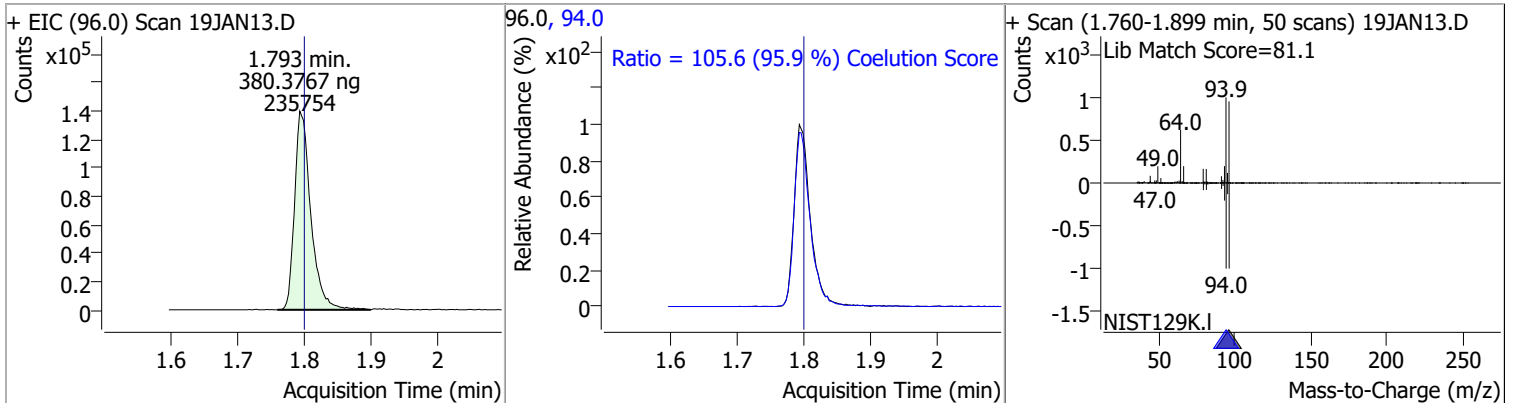
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
|----------|-------|----|----------|-------|------|--------|-------|-------|



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
|----------|-------|----|----------|-------|------|--------|-------|-------|

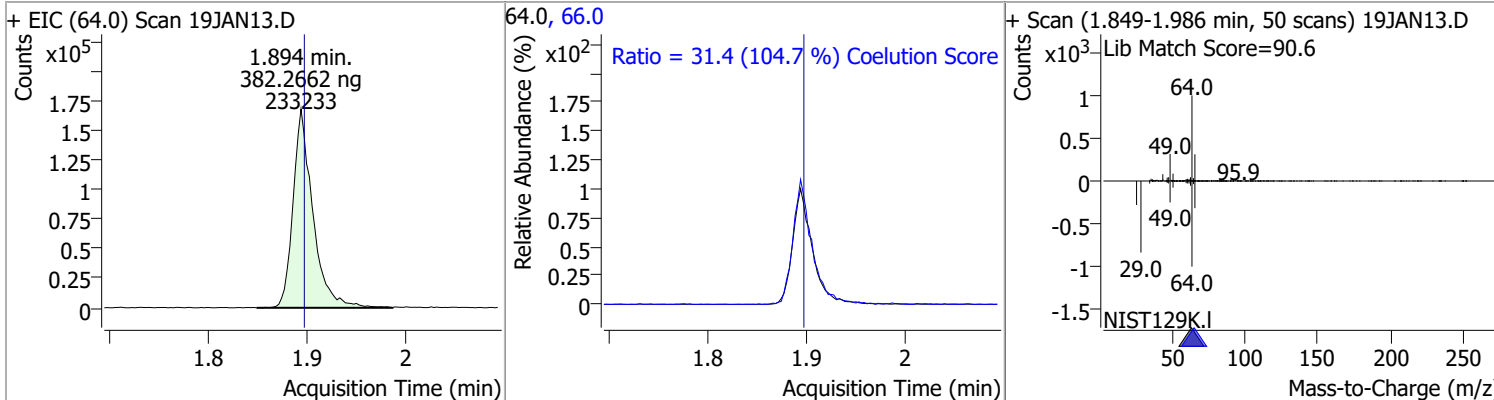


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
|----------|-------|----|----------|-------|------|--------|-------|-------|

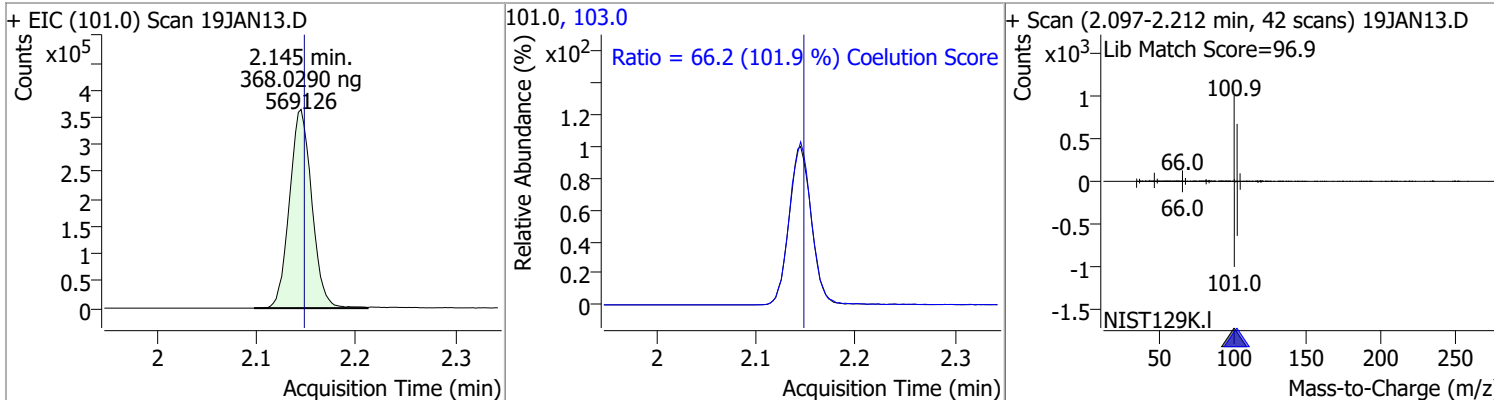


Quantitation Results Report (QT Reviewed)

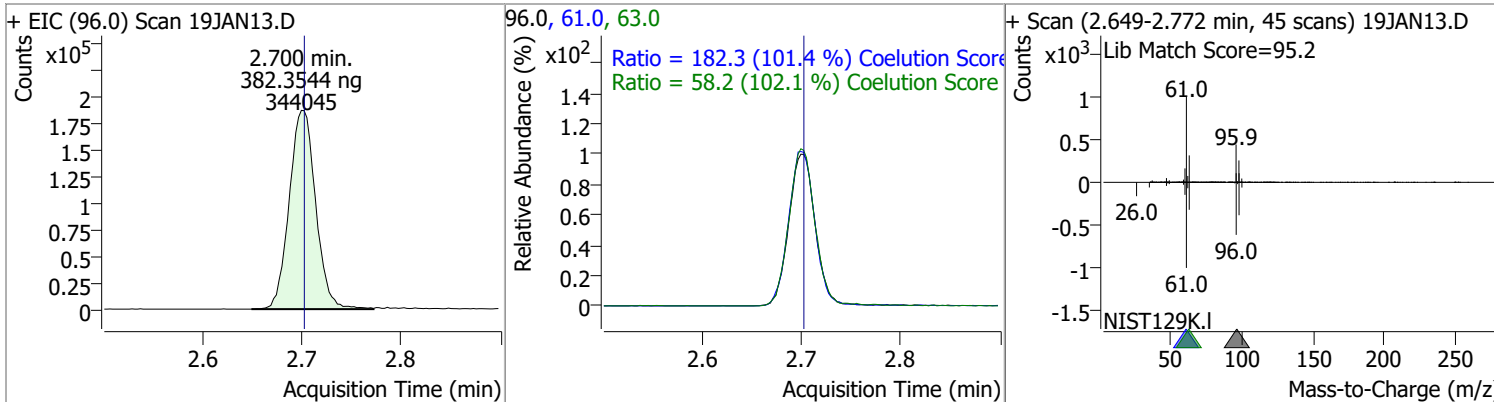
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroethane | 382.2662 | 1.89 | 0.00 | 233233 | 66.0 | 31.4 | 0.0 | 60.0 |



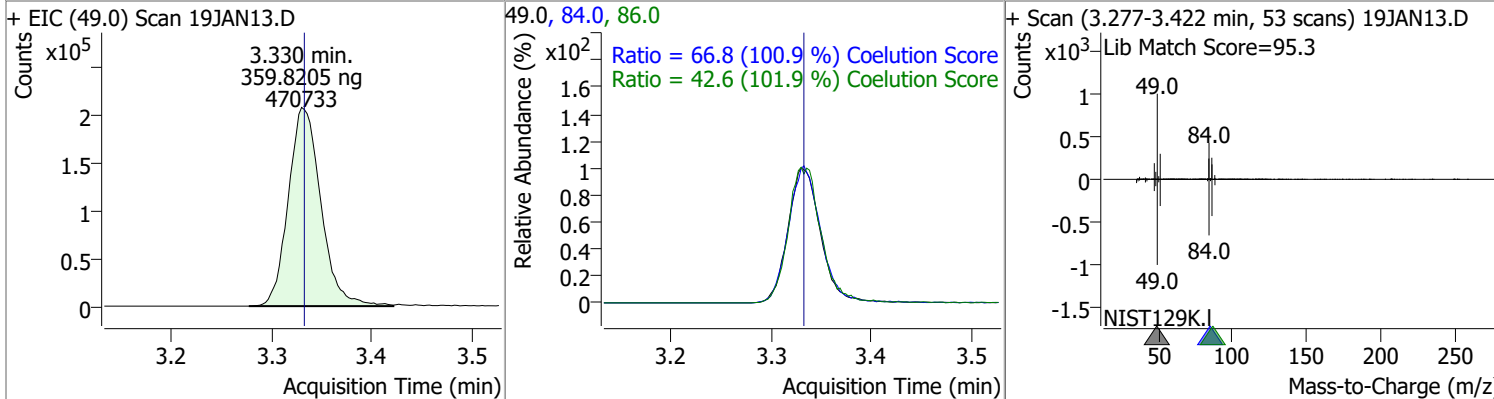
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 368.0290 | 2.14 | 0.00 | 569126 | 103.0 | 66.2 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 382.3544 | 2.70 | 0.00 | 344045 | 61.0 | 182.3 | 149.9 | 209.9 |
| | | | | | 63.0 | 58.2 | 27.0 | 87.0 |

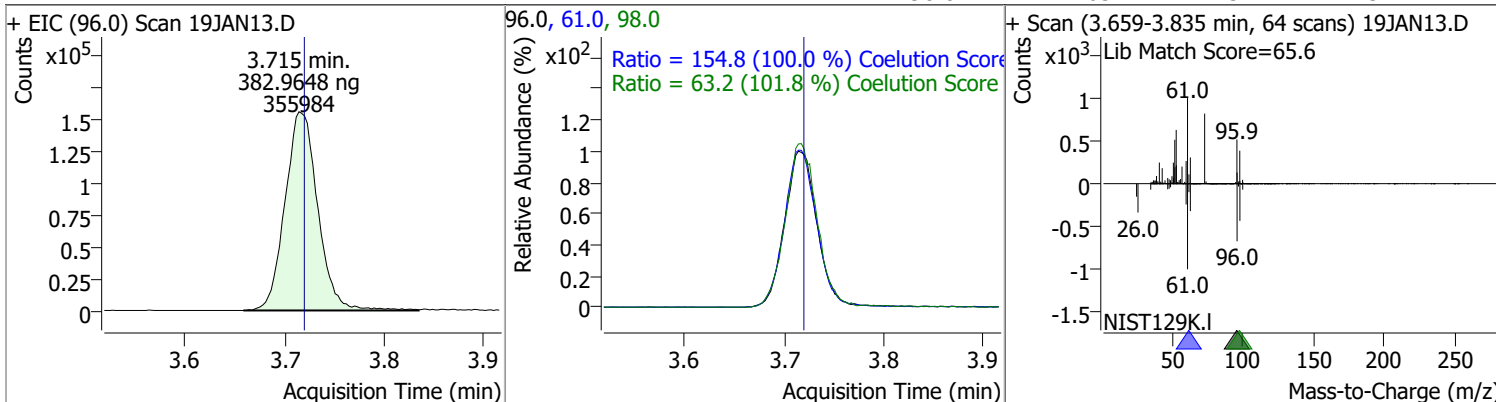


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 359.8205 | 3.33 | 0.00 | 470733 | 84.0 | 66.8 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.6 | 11.8 | 71.8 |

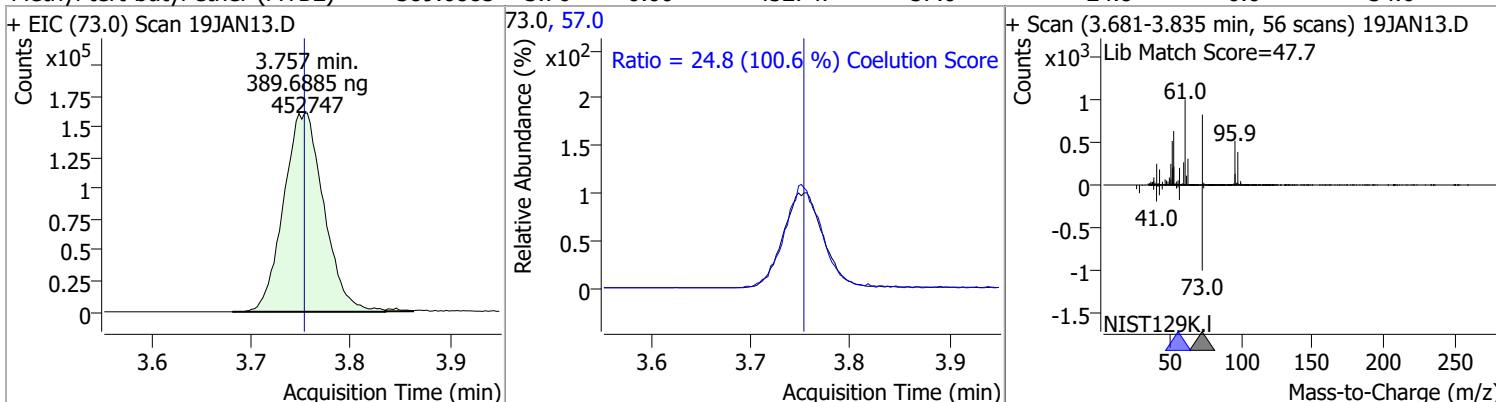


Quantitation Results Report (QT Reviewed)

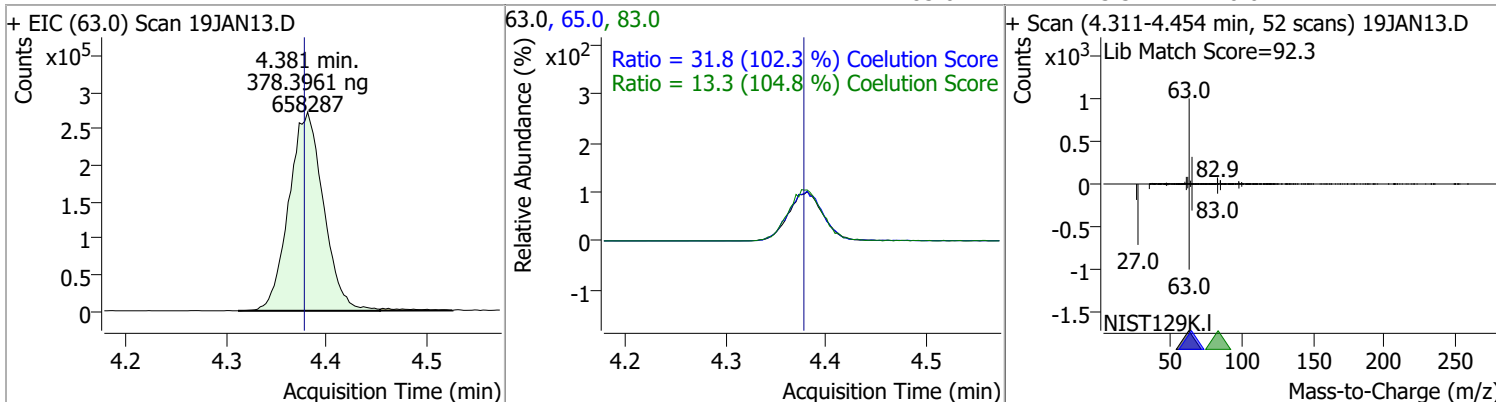
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 382.9648 | 3.71 | -0.01 | 355984 | 61.0 | 154.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 63.2 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 389.6885 | 3.76 | 0.00 | 452747 | 57.0 | 24.8 | 0.0 | 54.6 |
| | | | | | | | | |

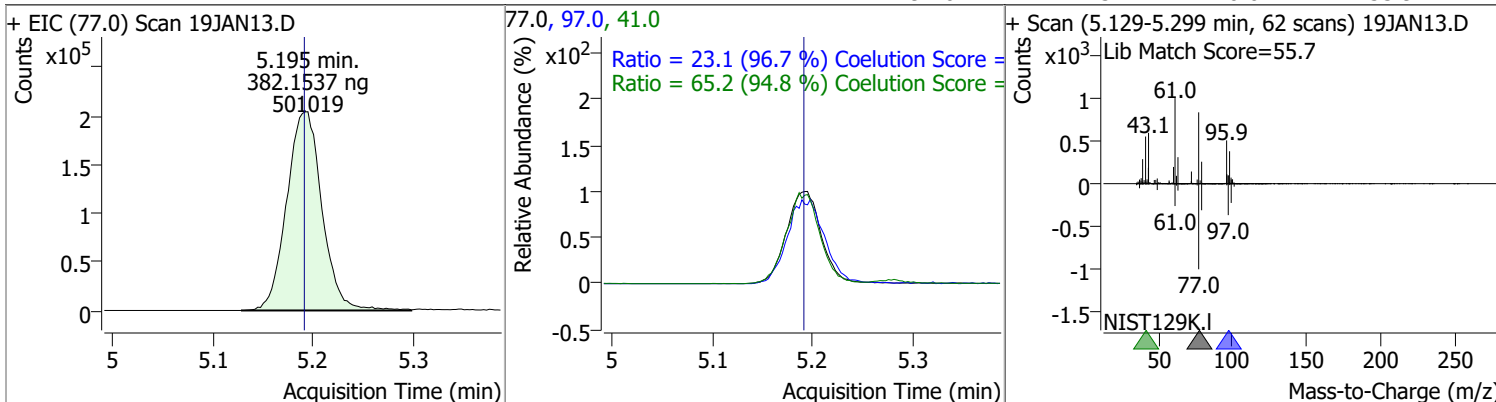


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 378.3961 | 4.38 | 0.00 | 658287 | 65.0 | 31.8 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.3 | 0.0 | 42.7 |

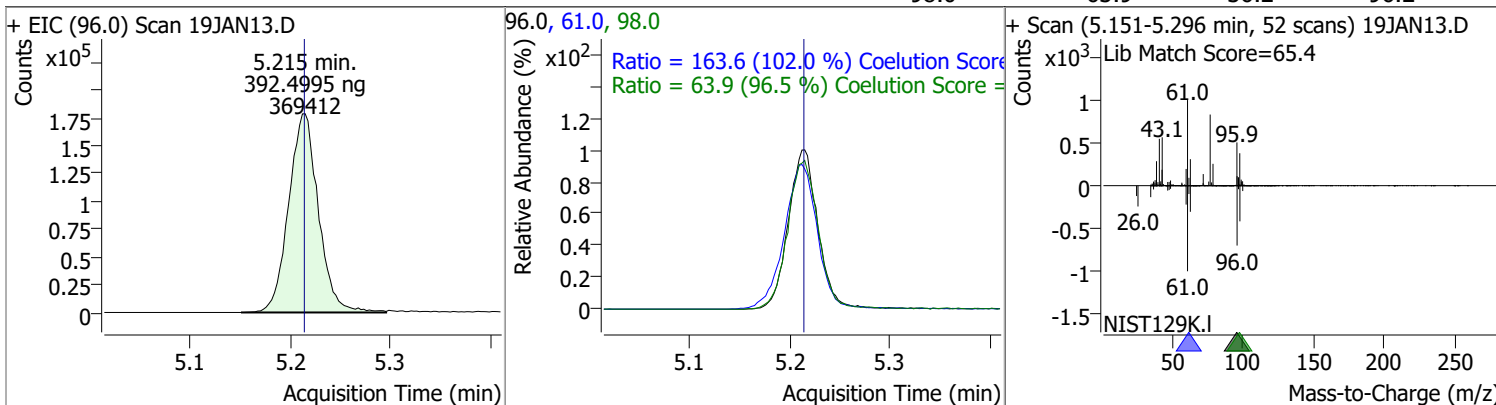


Quantitation Results Report (QT Reviewed)

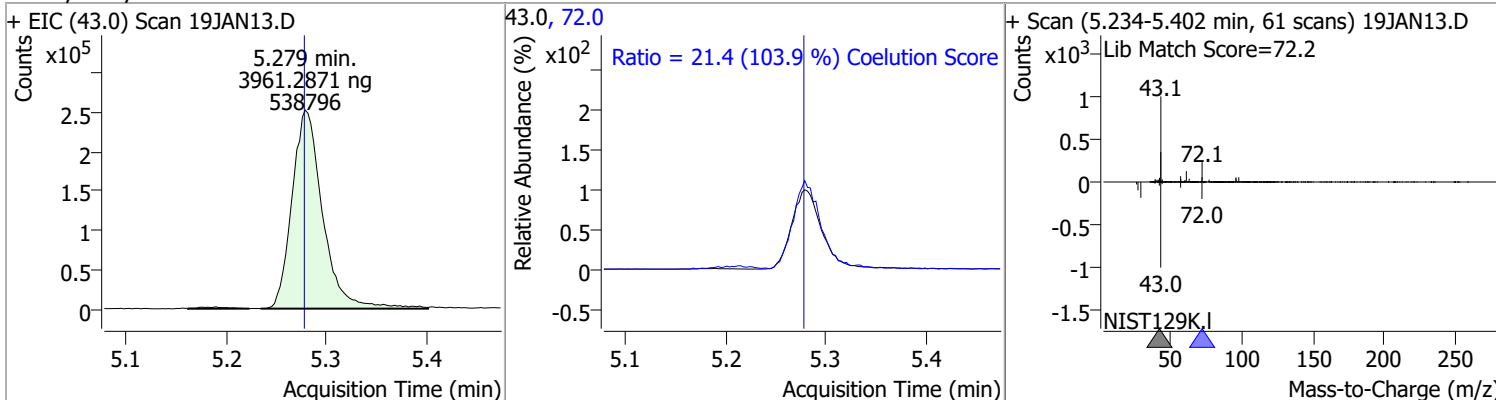
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 382.1537 | 5.20 | 0.00 | 501019 | 41.0 | 65.2 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.1 | 0.0 | 53.9 |



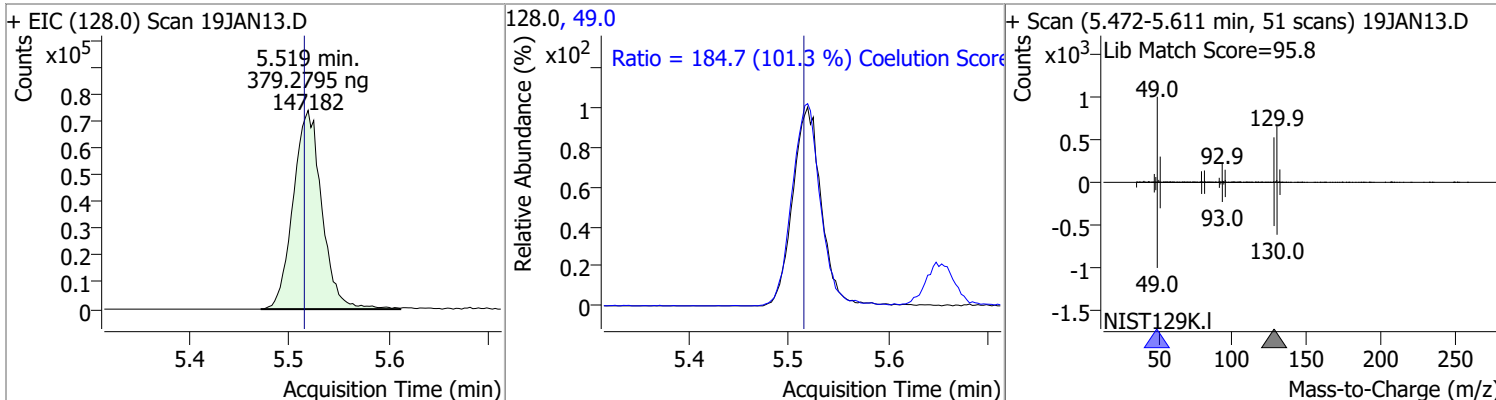
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 392.4995 | 5.21 | 0.00 | 369412 | 61.0 | 163.6 | 130.4 | 190.4 |
| | | | | | 98.0 | 63.9 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 3961.2871 | 5.28 | 0.00 | 538796 | 72.0 | 21.4 | 0.0 | 50.6 |

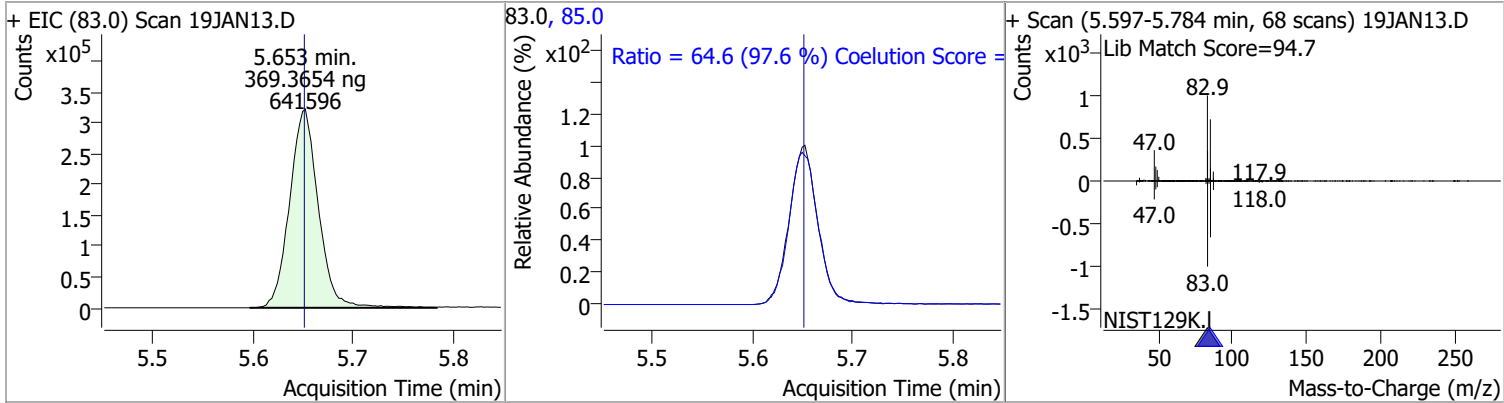


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Bromochloromethane | 379.2795 | 5.52 | 0.00 | 147182 | 49.0 | 184.7 | 152.2 | 212.2 |

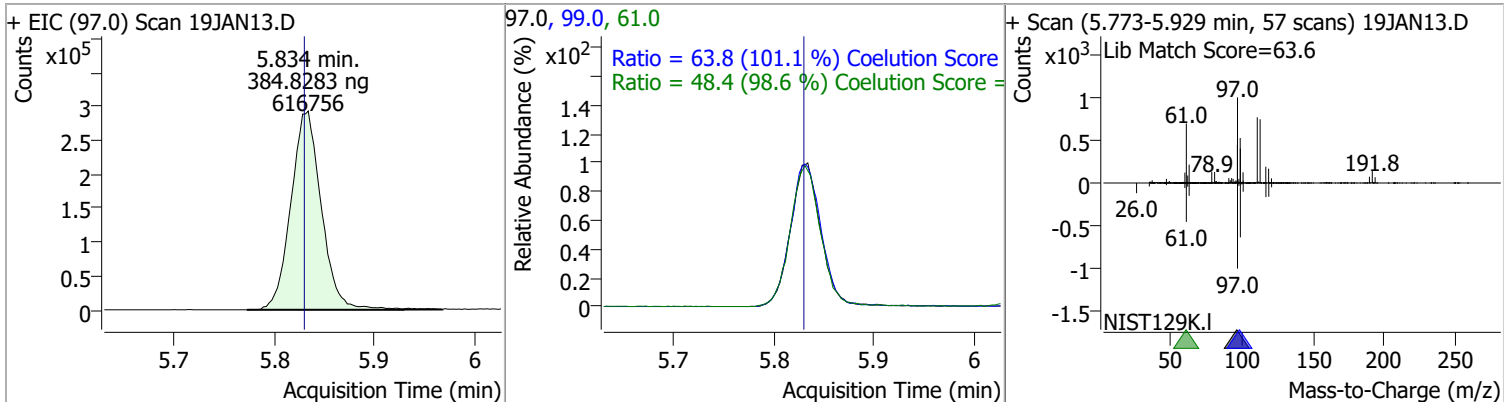


Quantitation Results Report (QT Reviewed)

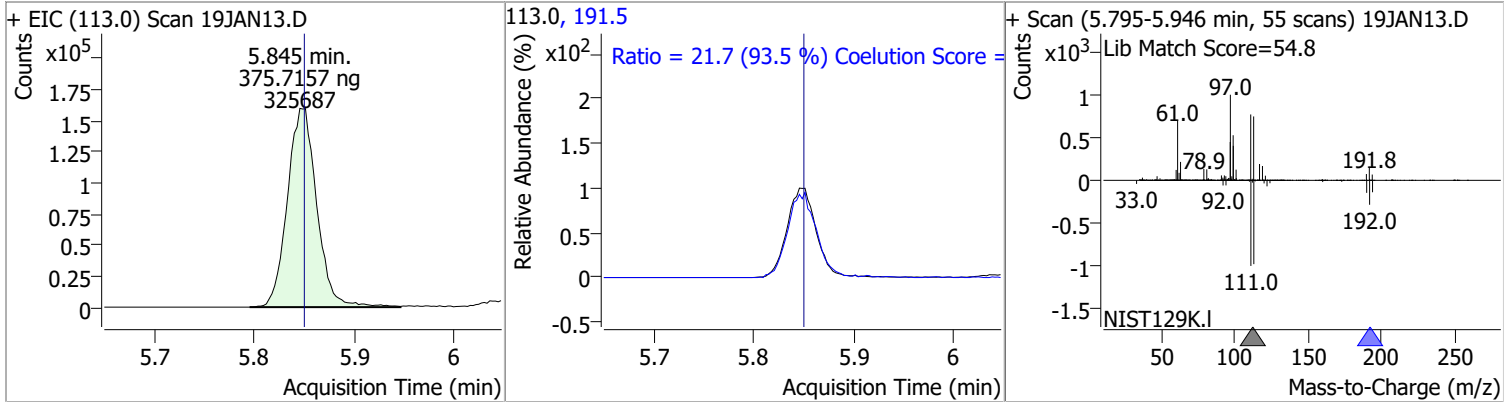
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 369.3654 | 5.65 | 0.00 | 641596 | 85.0 | 64.6 | 36.2 | 96.2 |



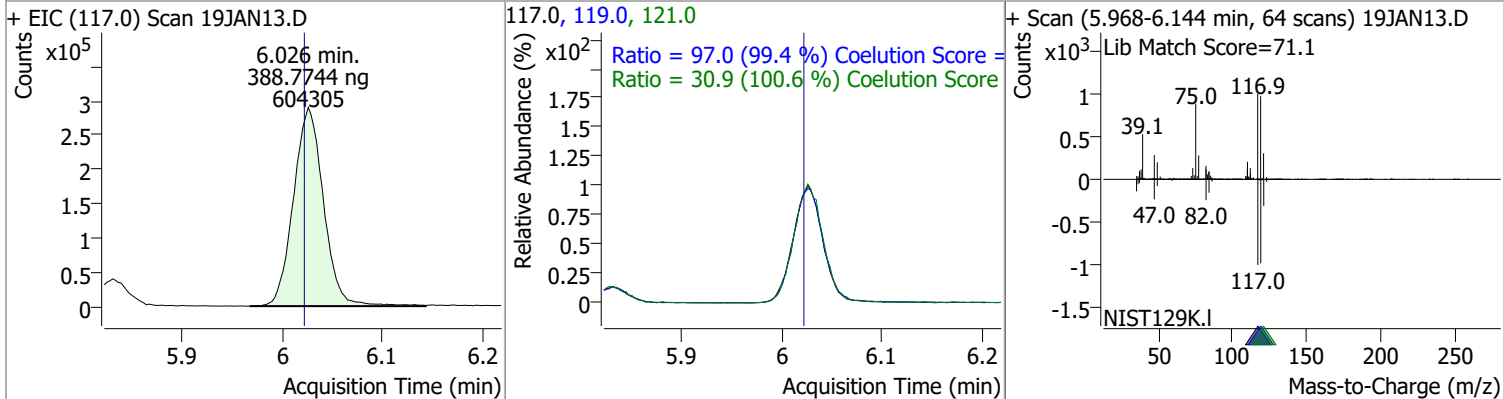
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 384.8283 | 5.83 | 0.00 | 616756 | 99.0 | 63.8 | 33.1 | 93.1 |
| | | | | | 61.0 | 48.4 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 375.7157 | 5.85 | -0.01 | 325687 | 191.5 | 21.7 | 0.0 | 53.2 |

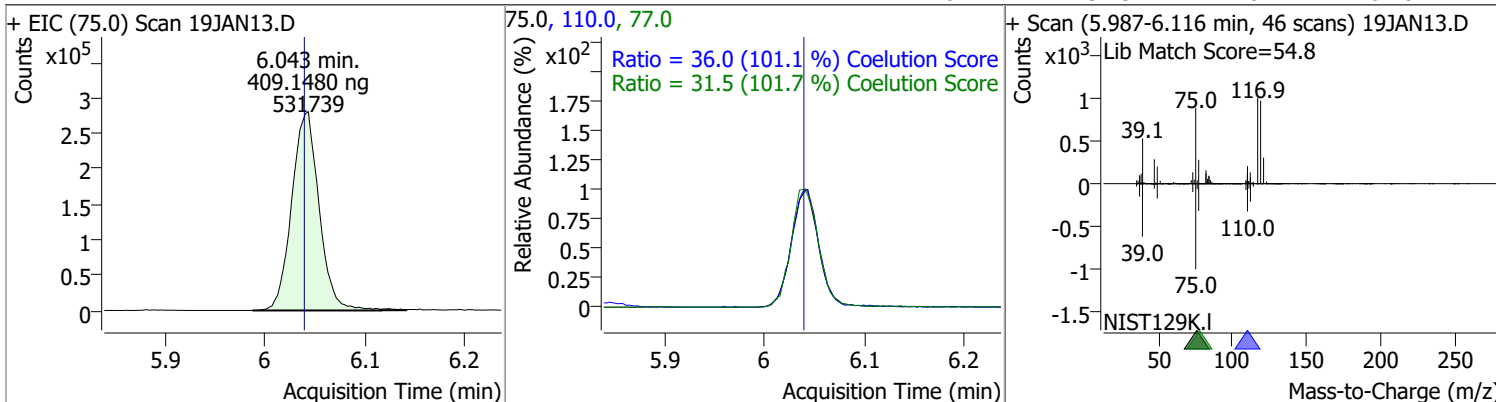


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Carbon tetrachloride | 388.7744 | 6.03 | 0.00 | 604305 | 119.0 | 97.0 | 67.6 | 127.6 |
| | | | | | 121.0 | 30.9 | 0.7 | 60.7 |

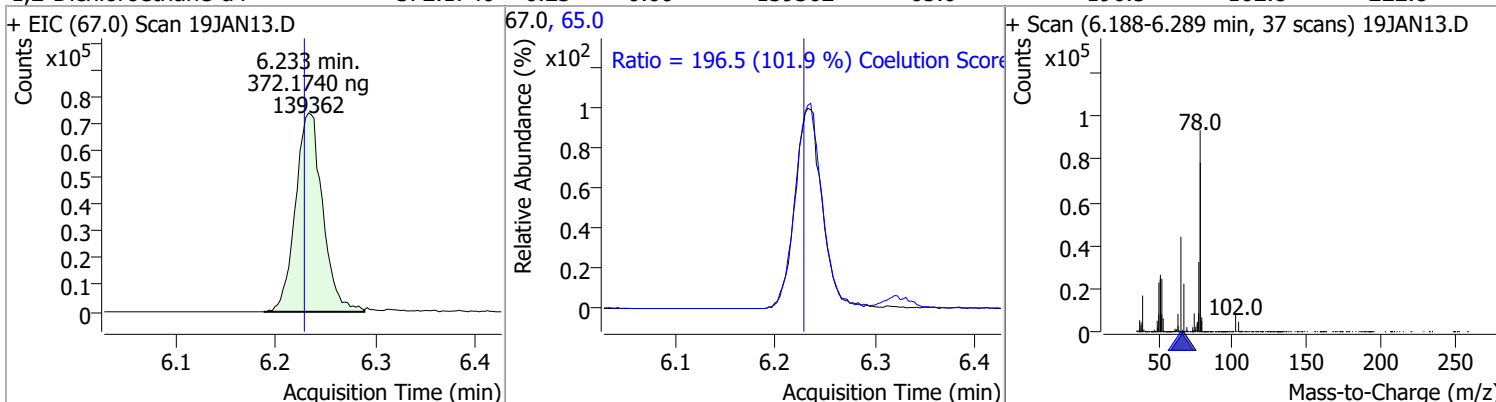


Quantitation Results Report (QT Reviewed)

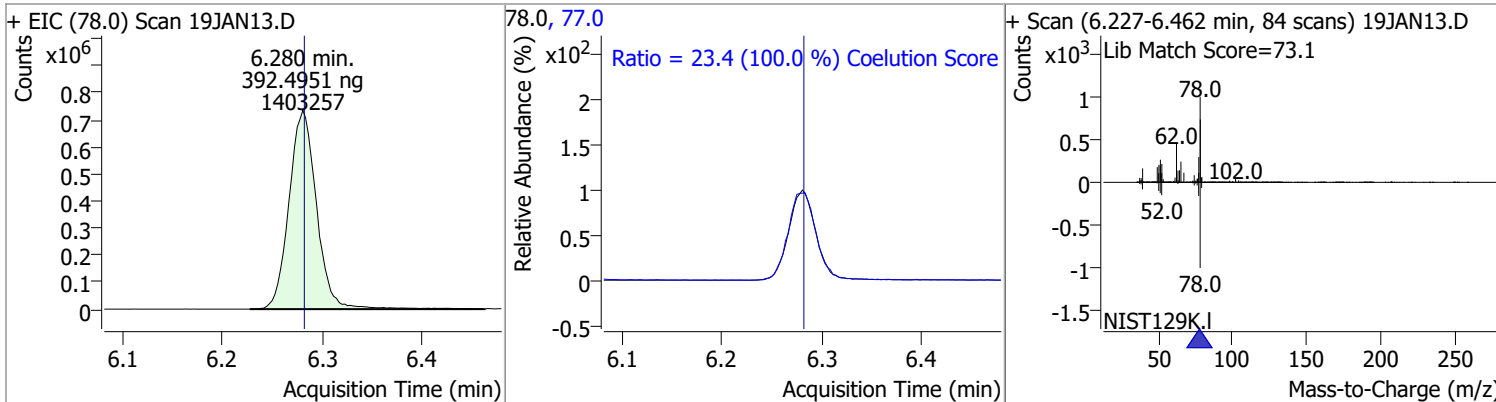
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 409.1480 | 6.04 | 0.00 | 531739 | 110.0 | 36.0 | 5.6 | 65.6 |
| | | | | | 77.0 | 31.5 | 1.0 | 61.0 |



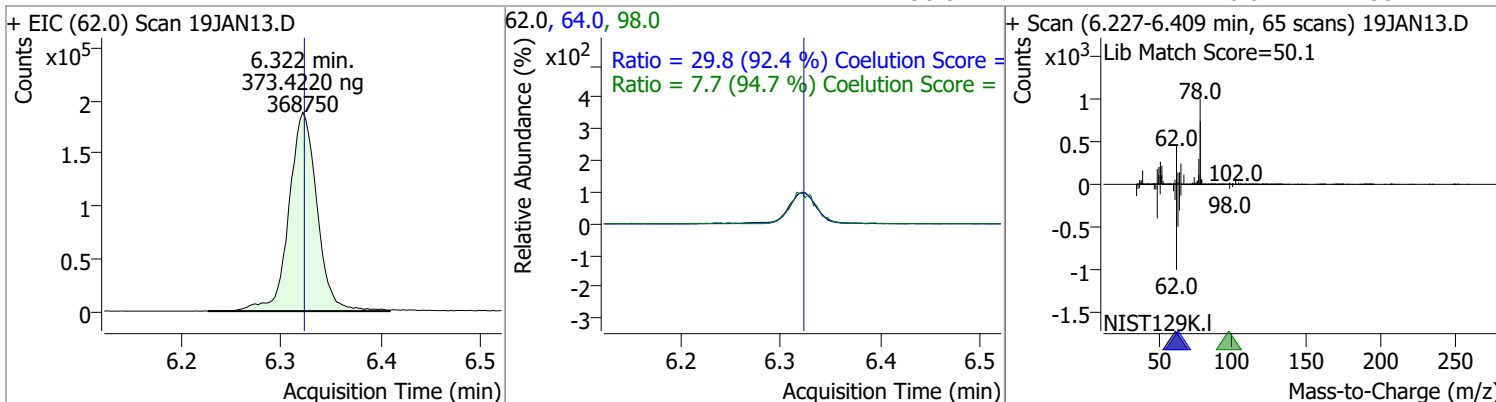
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 372.1740 | 6.23 | 0.00 | 139362 | 65.0 | 196.5 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|---------|------|--------|-------|-------|
| Benzene | 392.4951 | 6.28 | 0.00 | 1403257 | 77.0 | 23.4 | 0.0 | 53.3 |

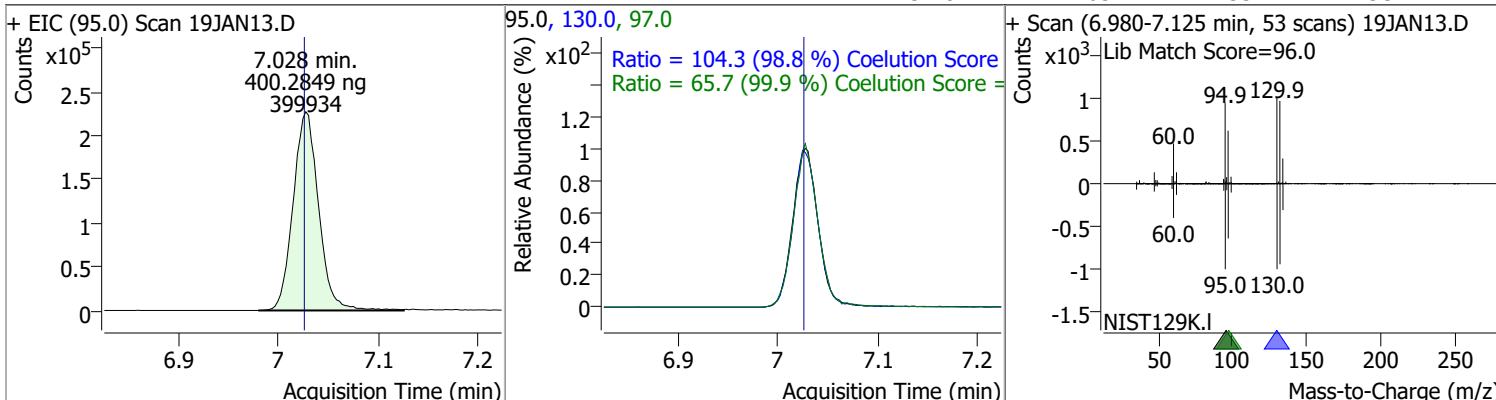


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 373.4220 | 6.32 | 0.00 | 368750 | 64.0 | 29.8 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.7 | 0.0 | 38.2 |

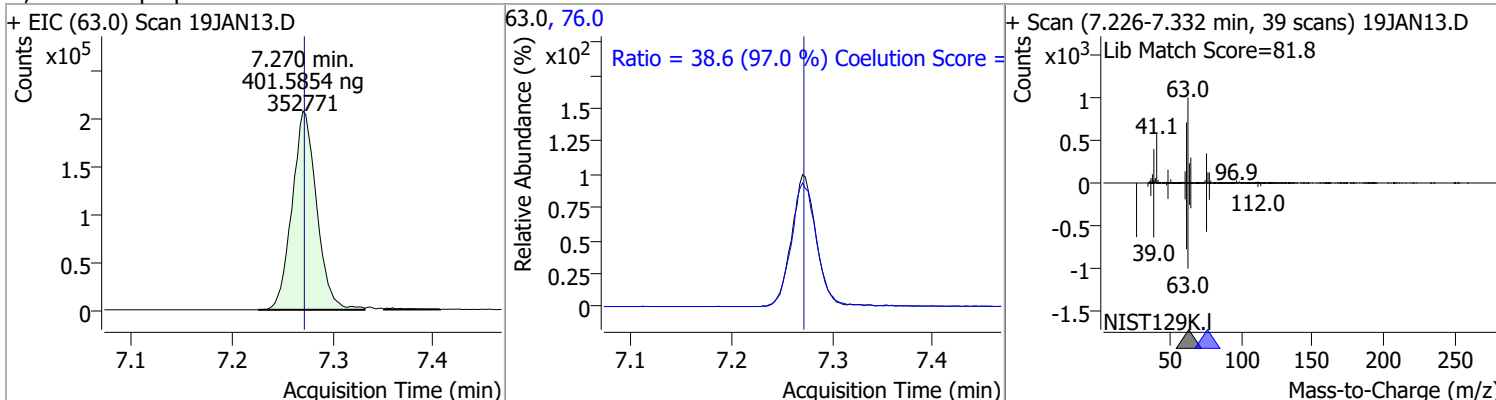


Quantitation Results Report (QT Reviewed)

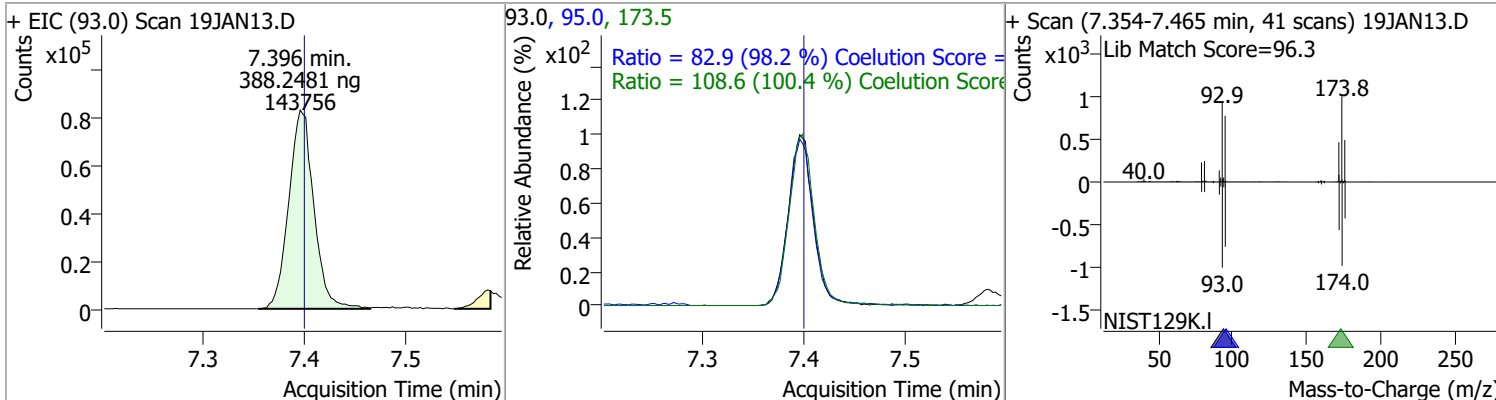
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 400.2849 | 7.03 | 0.00 | 399934 | 130.0 | 104.3 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.7 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 401.5854 | 7.27 | 0.00 | 352771 | 76.0 | 38.6 | 9.8 | 69.8 |

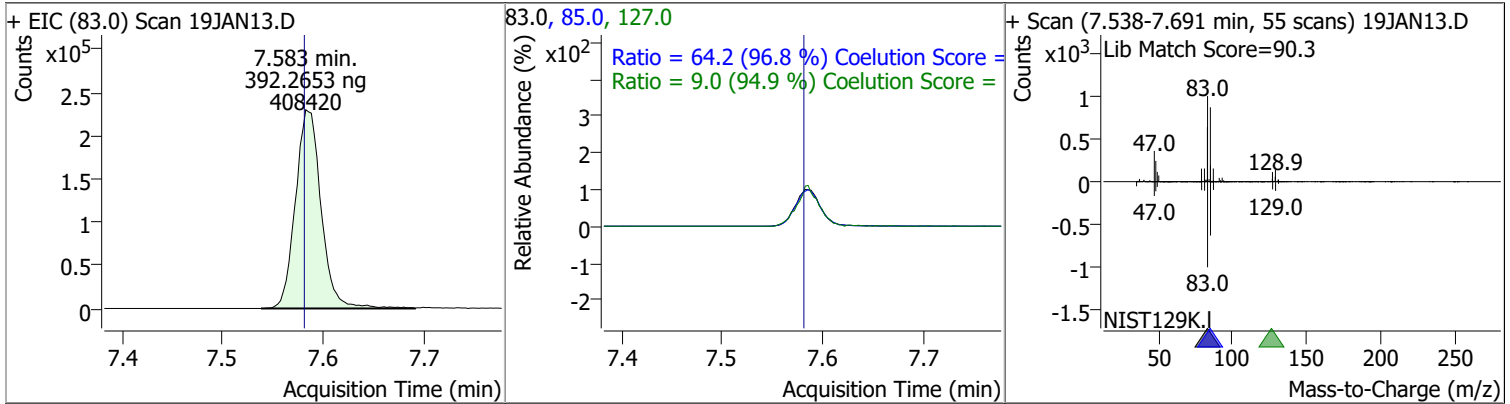


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromomethane | 388.2481 | 7.40 | 0.00 | 143756 | 173.5 | 108.6 | 78.2 | 138.2 |
| | | | | | 95.0 | 82.9 | 54.5 | 114.5 |

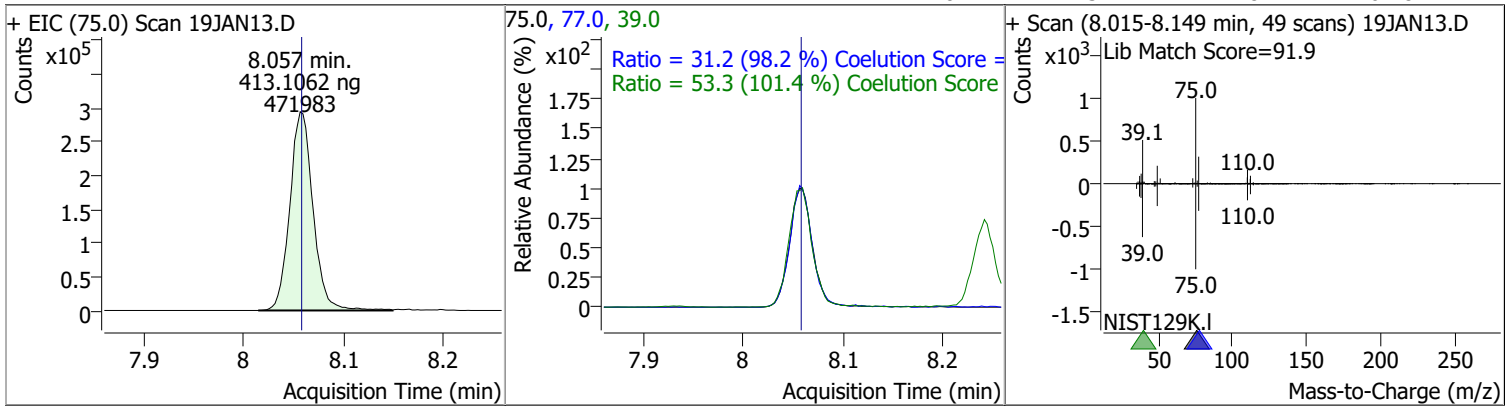


Quantitation Results Report (QT Reviewed)

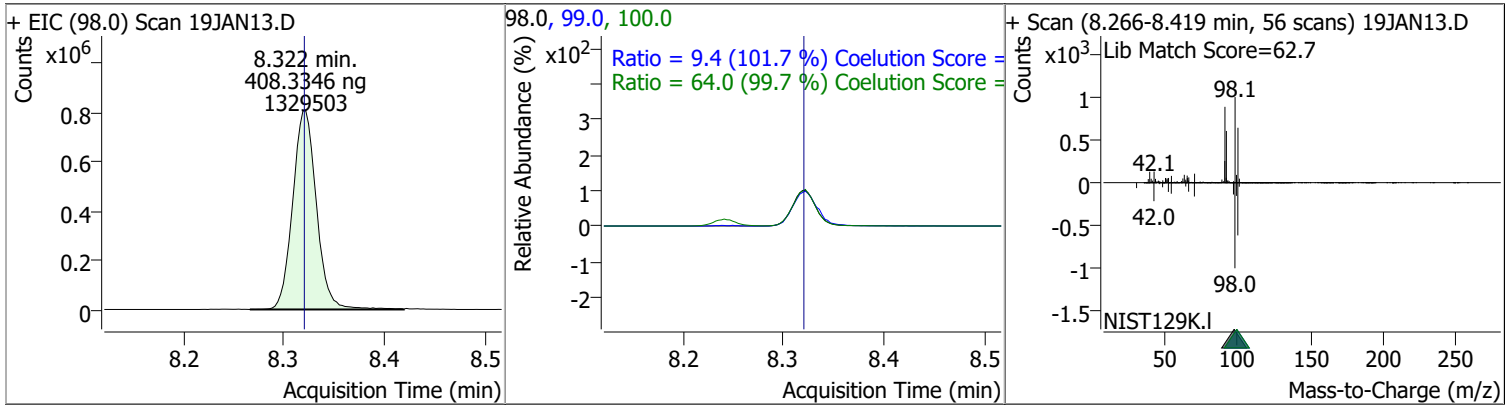
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 392.2653 | 7.58 | 0.00 | 408420 | 85.0 | 64.2 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.0 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 413.1062 | 8.06 | 0.00 | 471983 | 39.0 | 53.3 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.2 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 408.3346 | 8.32 | 0.00 | 1329503 | 100.0 | 64.0 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |

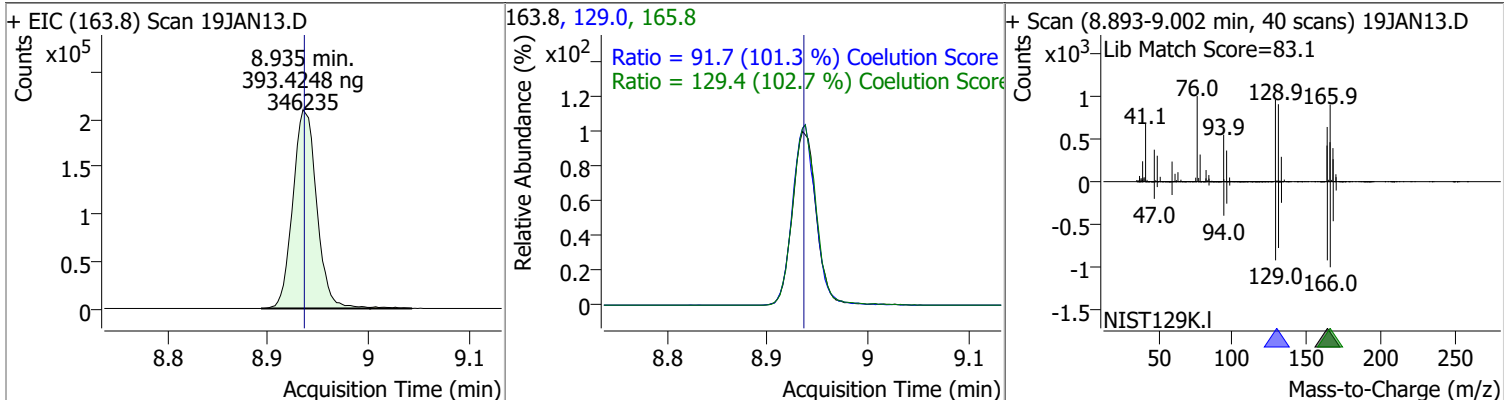


Quantitation Results Report (QT Reviewed)

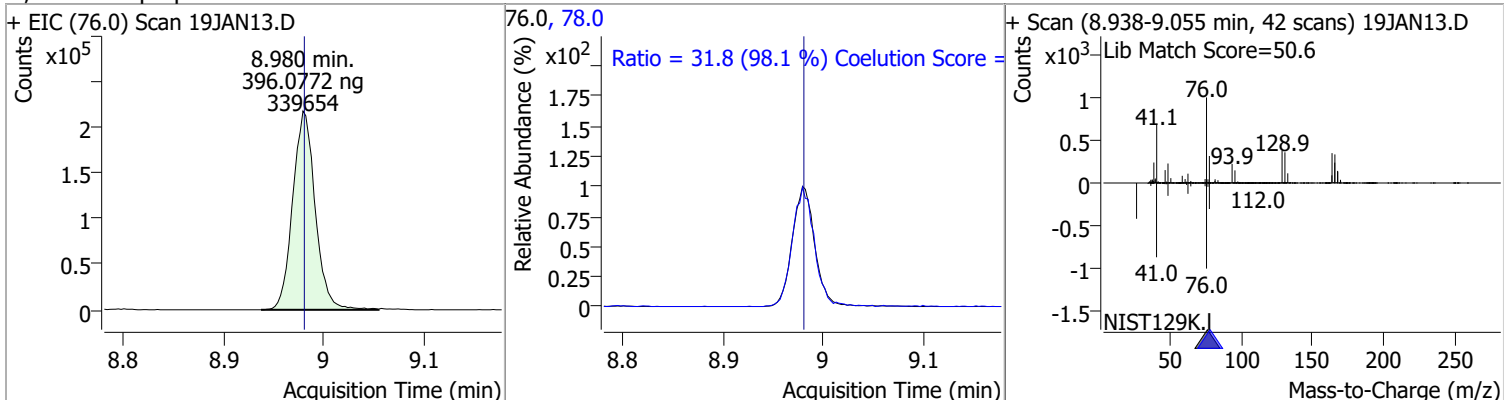
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------------|----------|------|------------------|--------|------|--|-------|-------|
| Toluene | 410.1461 | 8.39 | 0.00 | 890126 | 91.0 | 172.8 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN13.D | | | 92.0, 91.0 | | | + Scan (8.341-8.472 min, 48 scans) 19JAN13.D | | |
| | | | | | | | | |
| trans-1,3-Dichloropropene | 414.1677 | 8.64 | 0.00 | 345161 | 39.0 | 49.6 | 23.0 | 83.0 |
| + EIC (75.0) Scan 19JAN13.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.595-8.734 min, 50 scans) 19JAN13.D | | |
| | | | | | | | | |
| 1,1,2-Trichloroethane | 395.0532 | 8.82 | 0.00 | 167409 | 97.0 | 113.0 | 80.7 | 140.7 |
| + EIC (83.0) Scan 19JAN13.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.768-8.899 min, 48 scans) 19JAN13.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

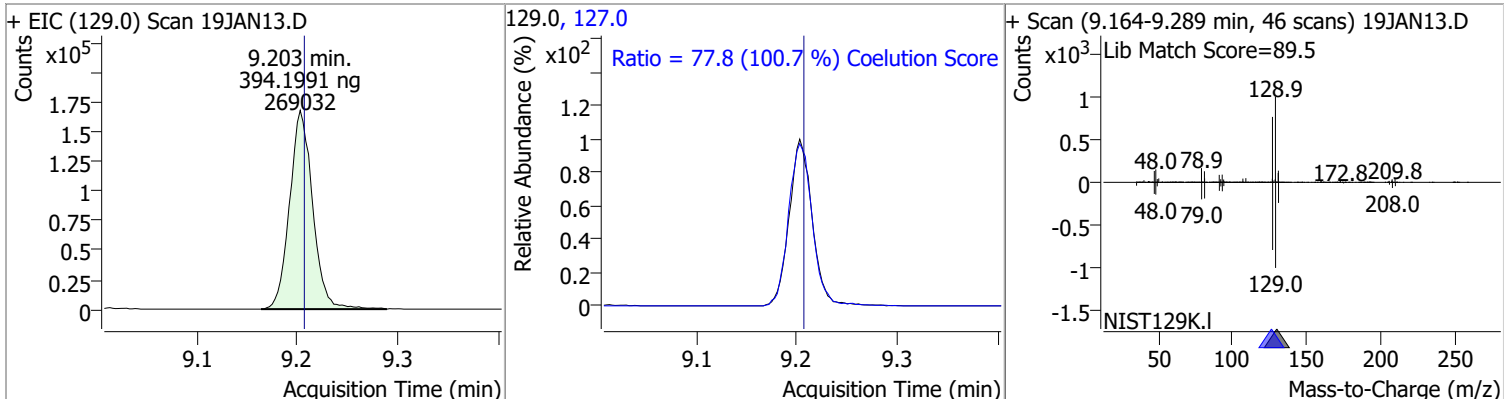
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 393.4248 | 8.94 | 0.00 | 346235 | 165.8 | 129.4 | 96.1 | 156.1 |
| | | | | | 129.0 | 91.7 | 60.5 | 120.5 |



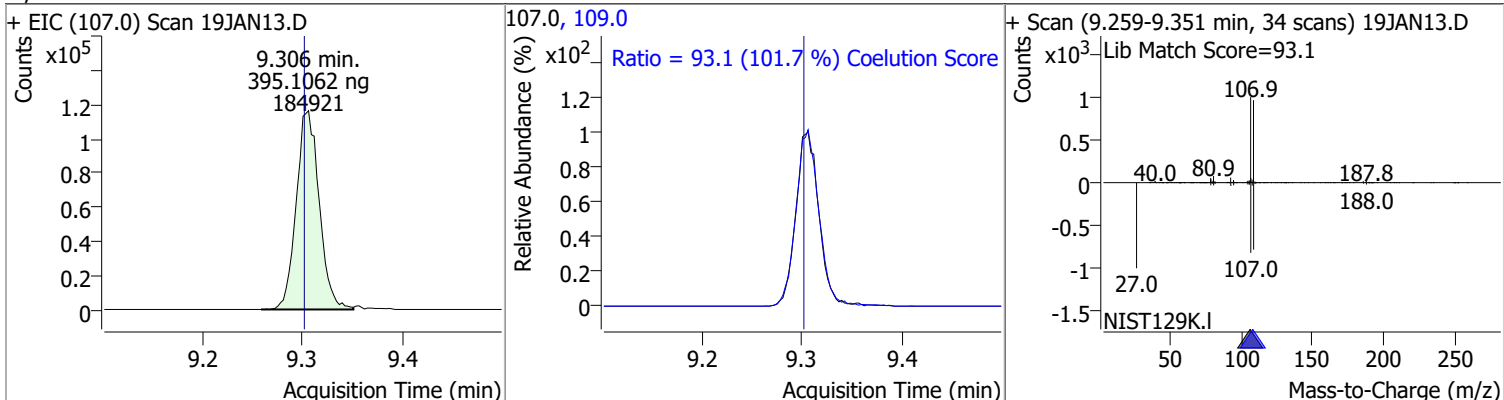
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 396.0772 | 8.98 | 0.00 | 339654 | 78.0 | 31.8 | 2.4 | 62.4 |



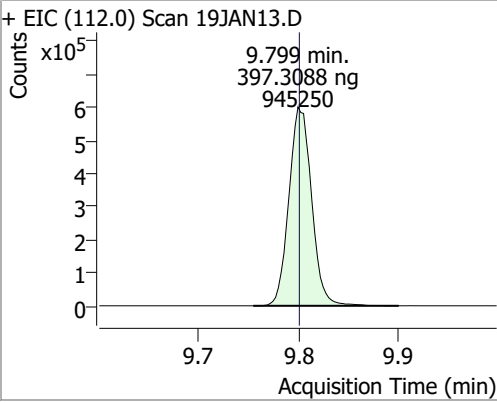
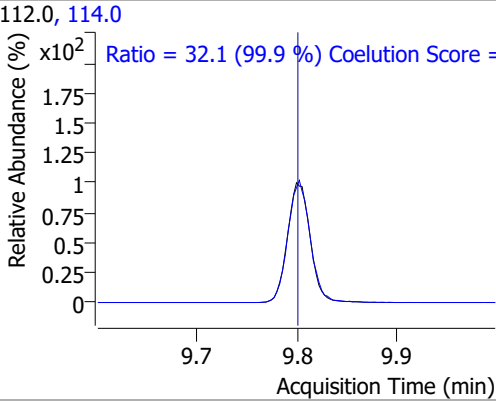
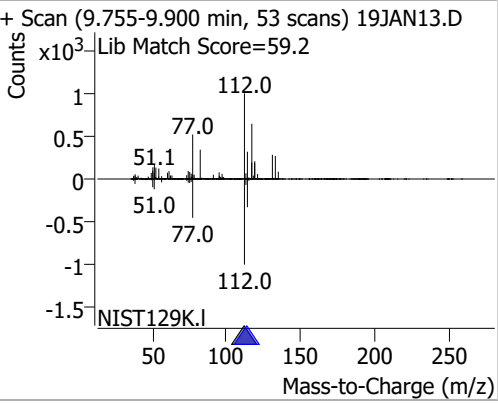
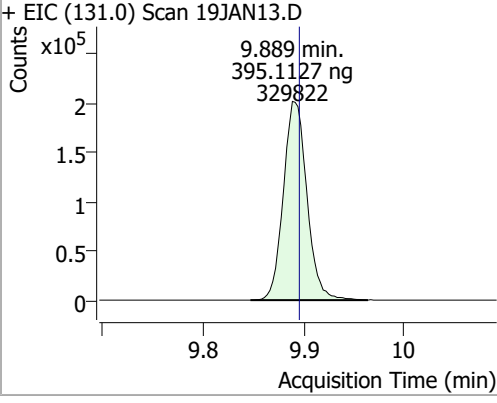
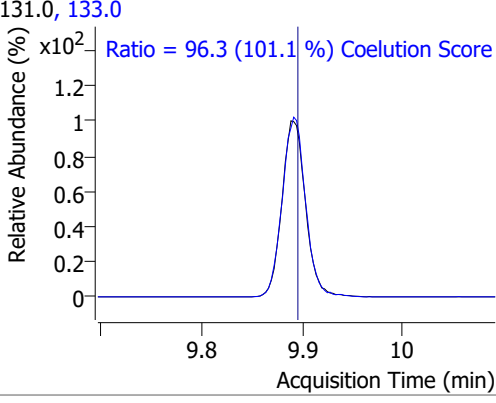
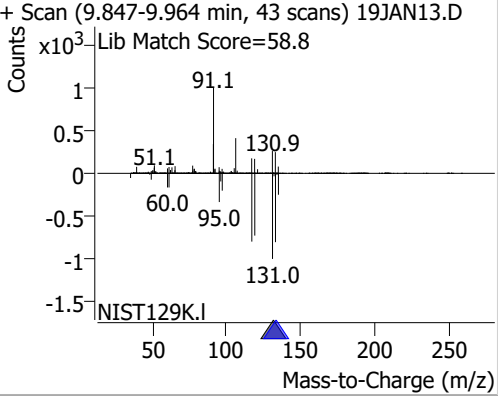
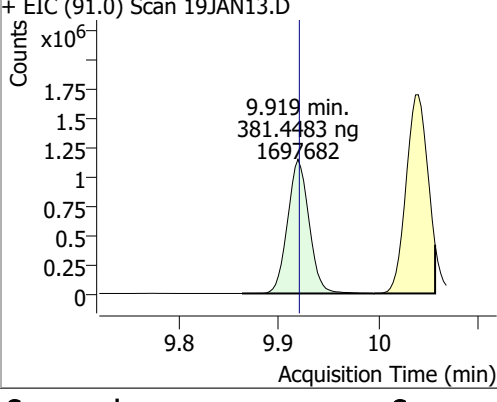
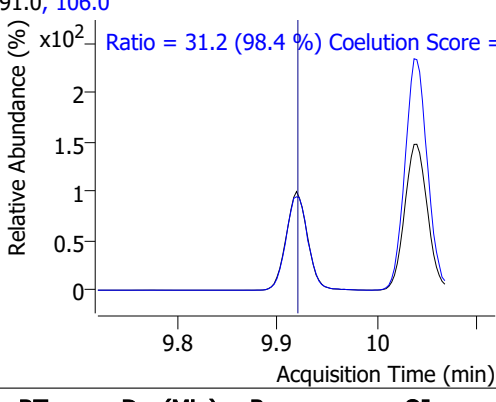
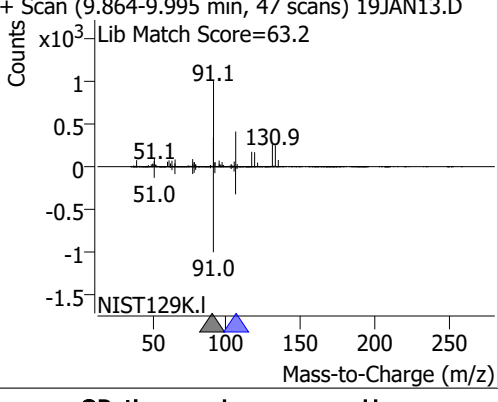
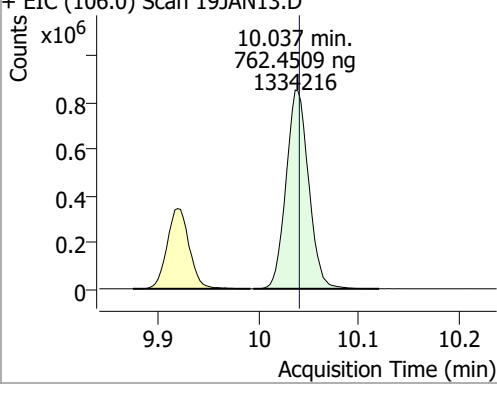
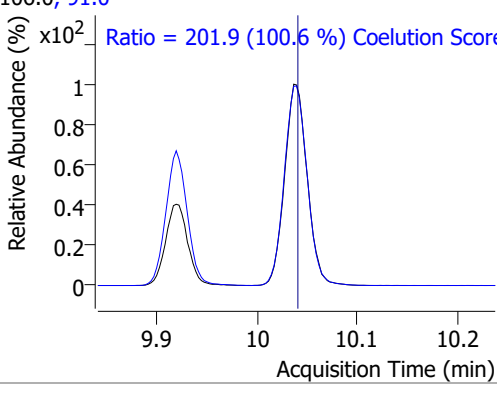
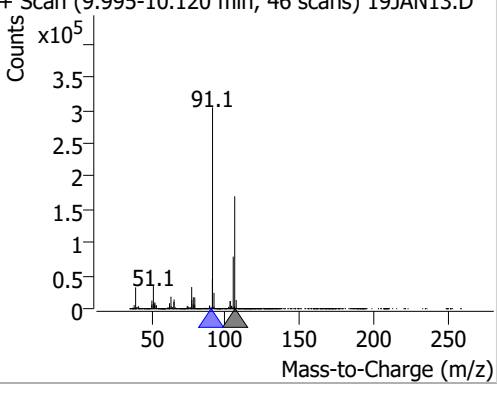
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 394.1991 | 9.20 | 0.00 | 269032 | 127.0 | 77.8 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 395.1062 | 9.31 | 0.01 | 184921 | 109.0 | 93.1 | 61.5 | 121.5 |

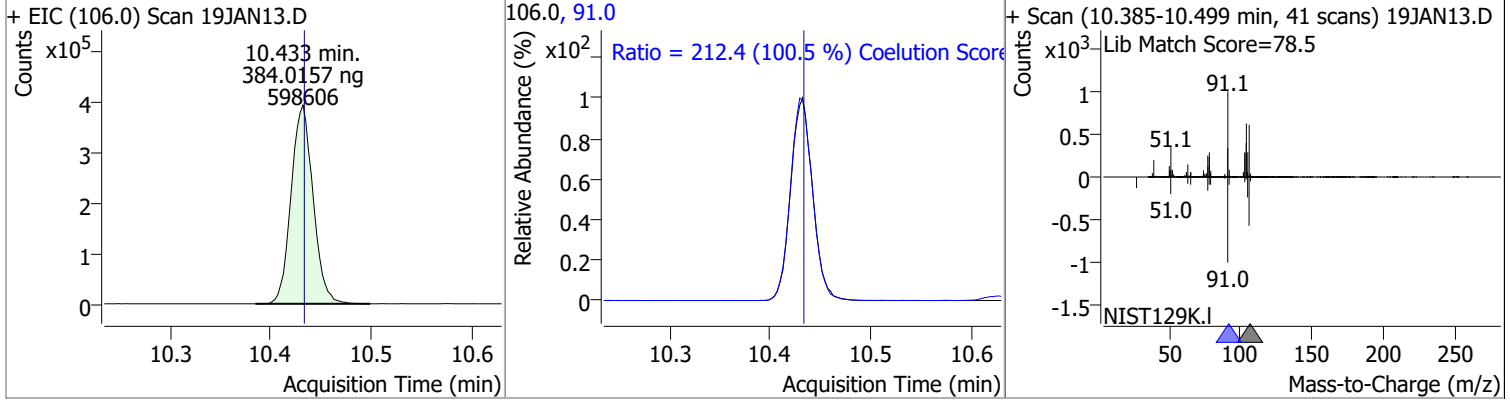


Quantitation Results Report (QT Reviewed)

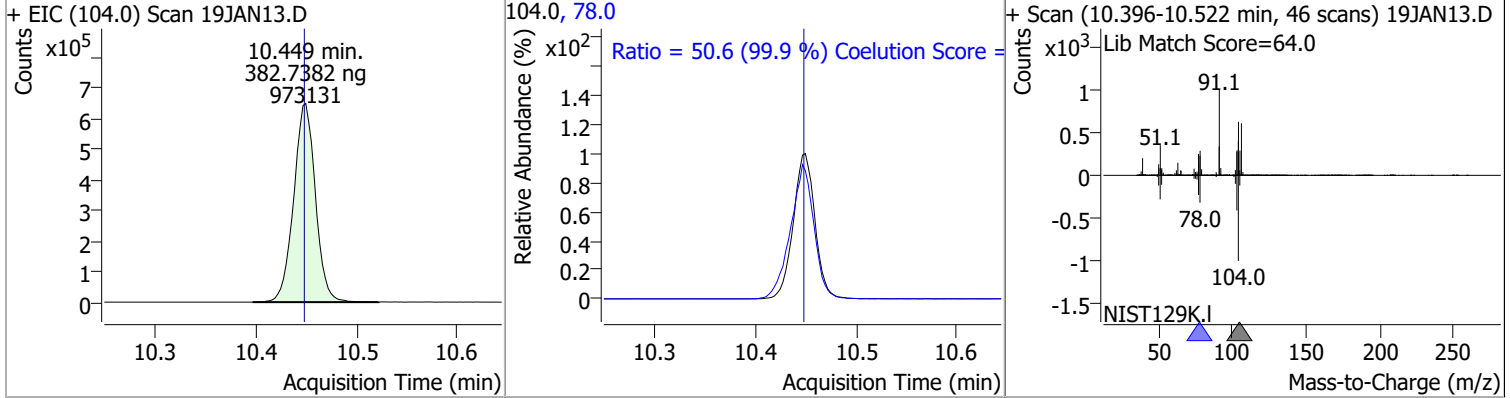
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|-------|---|---------|-------|---|-------|-------|
| Chlorobenzene | 397.3088 | 9.80 | 0.00 | 945250 | 114.0 | 32.1 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN13.D | | | 112.0, 114.0 | | | + Scan (9.755-9.900 min, 53 scans) 19JAN13.D | | |
|  |  | |  | | | | | |
| 1,1,1,2-Tetrachloroethane | 395.1127 | 9.89 | -0.01 | 329822 | 133.0 | 96.3 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN13.D | | | 131.0, 133.0 | | | + Scan (9.847-9.964 min, 43 scans) 19JAN13.D | | |
|  |  | |  | | | | | |
| Ethylbenzene | 381.4483 | 9.92 | 0.00 | 1697682 | 106.0 | 31.2 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN13.D | | | 91.0, 106.0 | | | + Scan (9.864-9.995 min, 47 scans) 19JAN13.D | | |
|  |  | |  | | | | | |
| m+p-Xylenes | 762.4509 | 10.04 | 0.00 | 1334216 | 91.0 | 201.9 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN13.D | | | 106.0, 91.0 | | | + Scan (9.995-10.120 min, 46 scans) 19JAN13.D | | |
|  |  | |  | | | | | |

Quantitation Results Report (QT Reviewed)

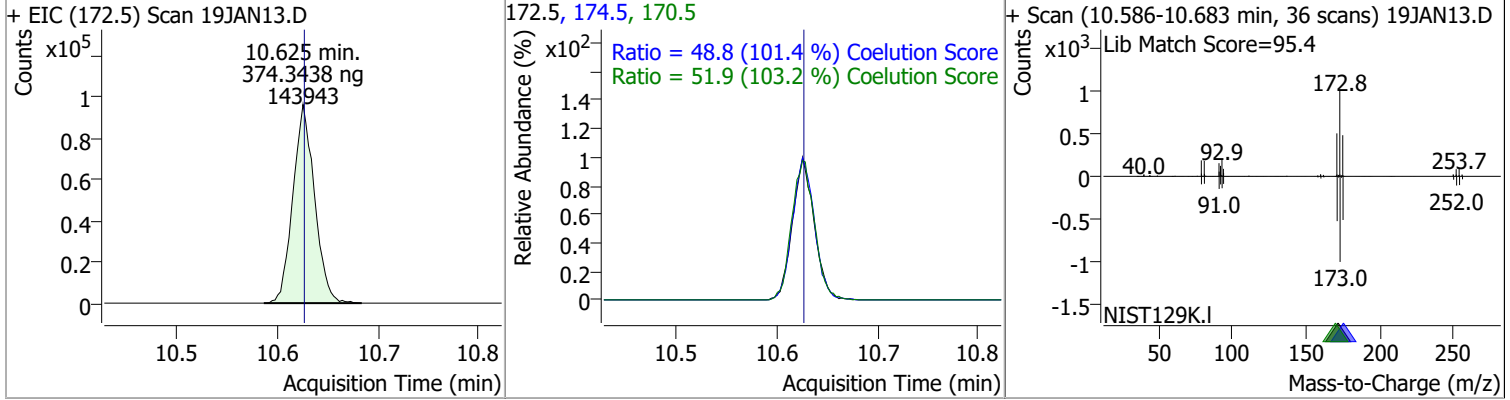
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 384.0157 | 10.43 | 0.00 | 598606 | 91.0 | 212.4 | 181.4 | 241.4 |



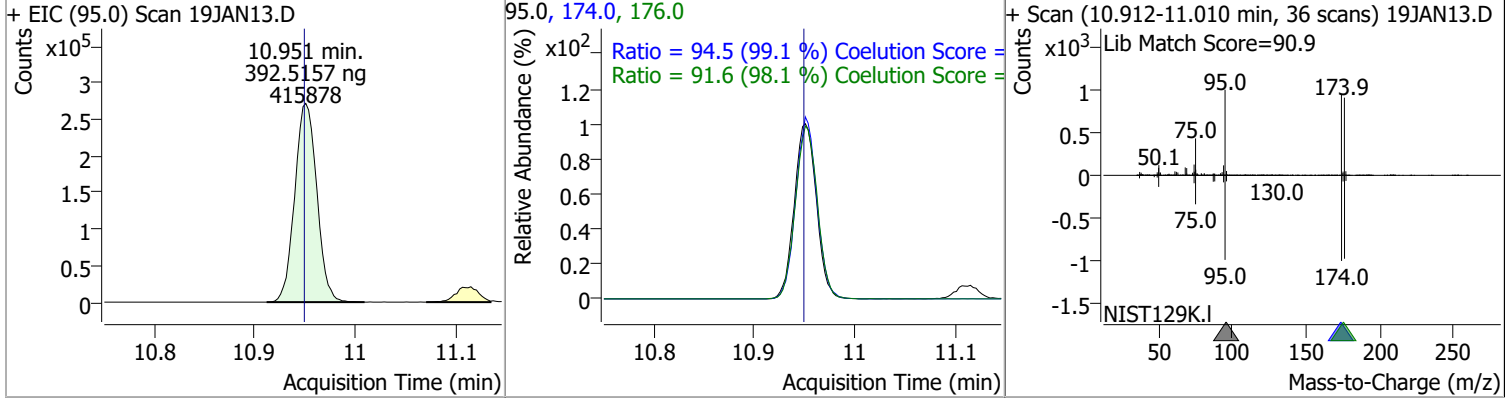
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 382.7382 | 10.45 | 0.00 | 973131 | 78.0 | 50.6 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromoform | 374.3438 | 10.62 | 0.00 | 143943 | 170.5 | 51.9 | 20.3 | 80.3 |
| | | | | | 174.5 | 48.8 | 18.1 | 78.1 |

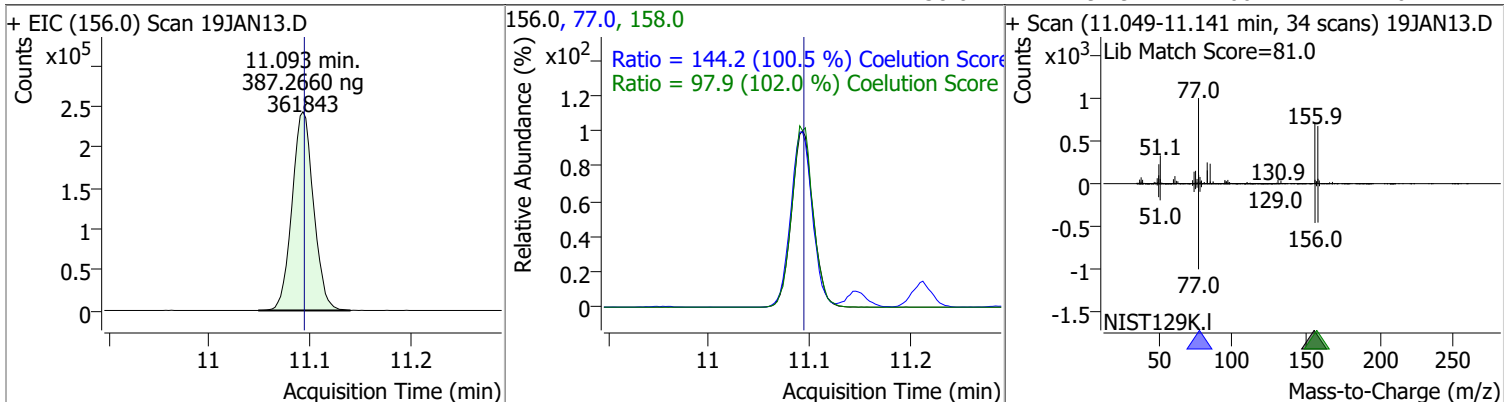


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 392.5157 | 10.95 | 0.00 | 415878 | 174.0 | 94.5 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.6 | 63.3 | 123.3 |

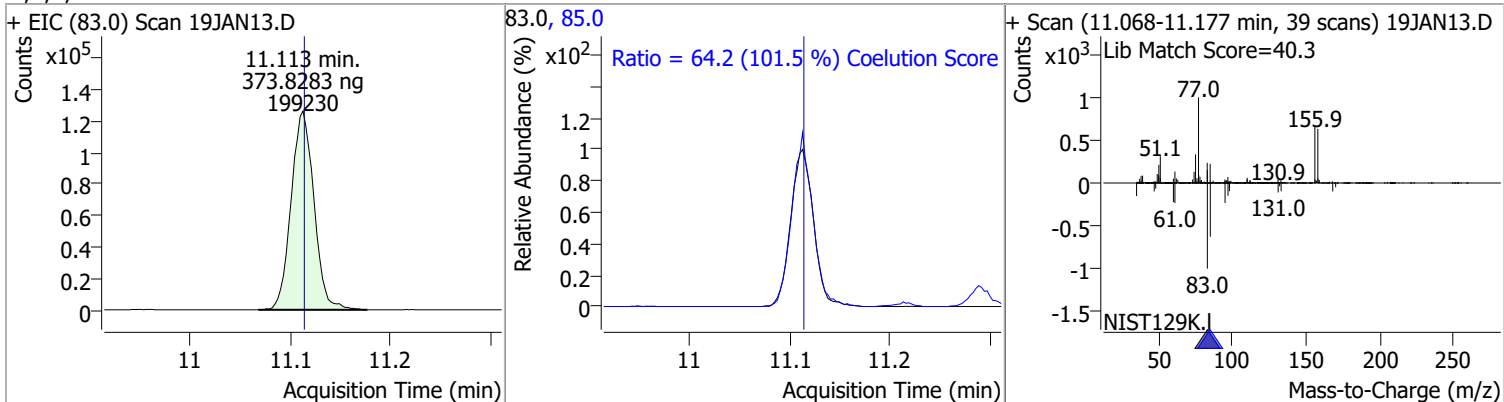


Quantitation Results Report (QT Reviewed)

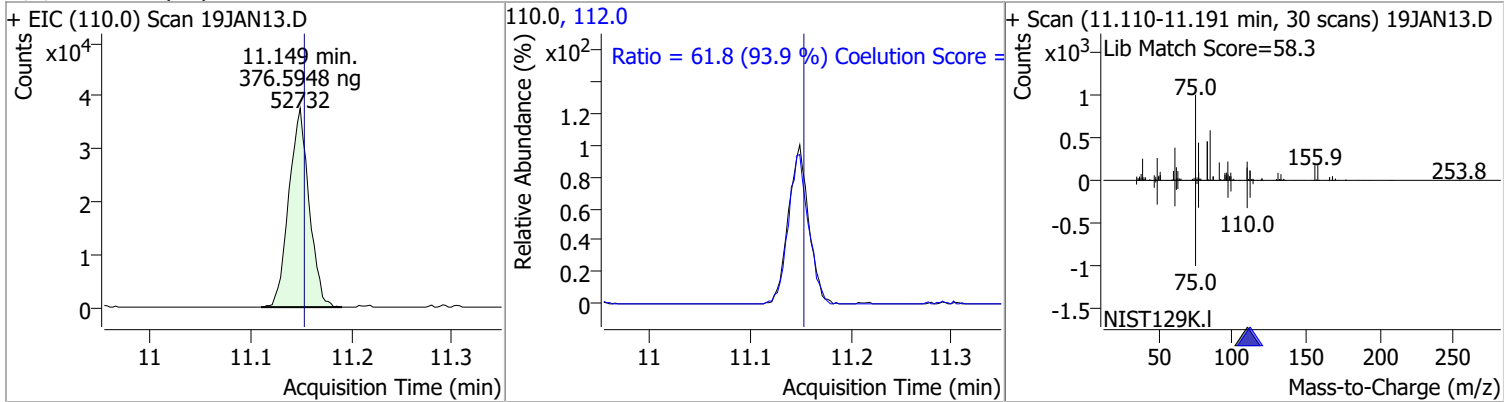
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 387.2660 | 11.09 | 0.00 | 361843 | 77.0 | 144.2 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.9 | 66.1 | 126.1 |



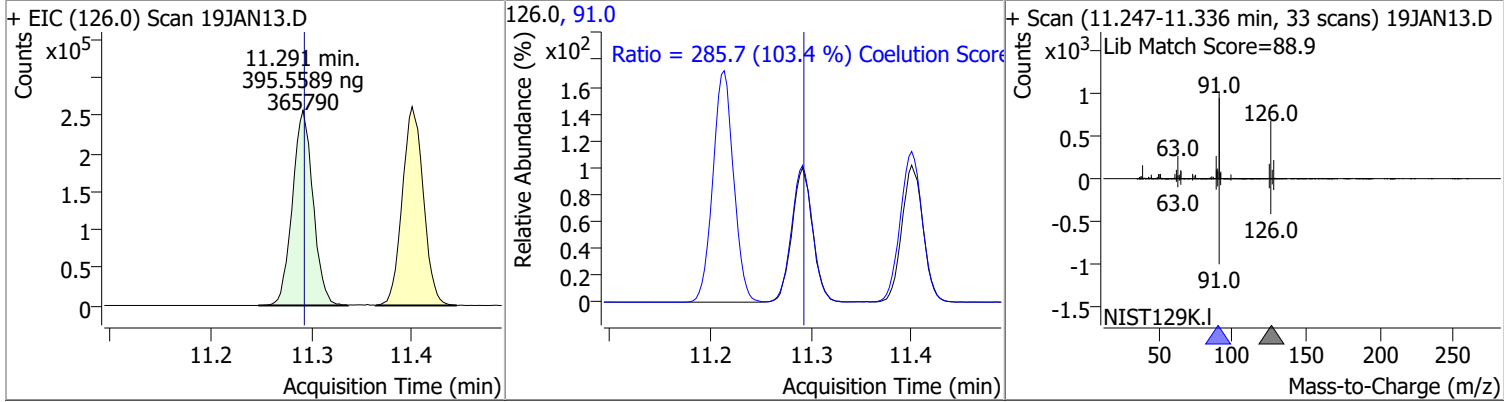
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|--------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 373.8283 | 11.11 | 0.00 | 199230 | 85.0 | 64.2 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 376.5948 | 11.15 | 0.00 | 52732 | 112.0 | 61.8 | 35.8 | 95.8 |

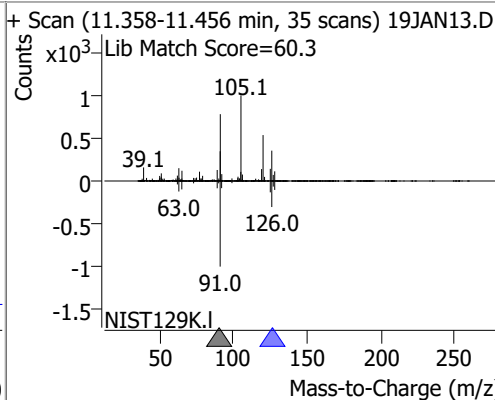
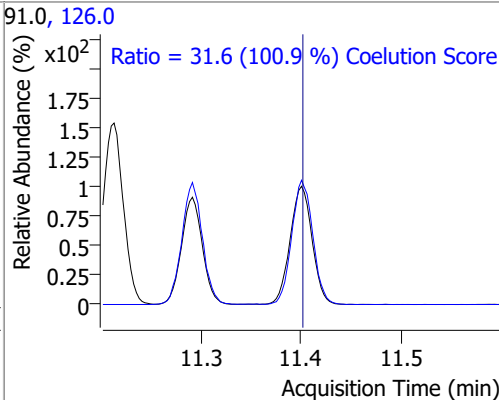
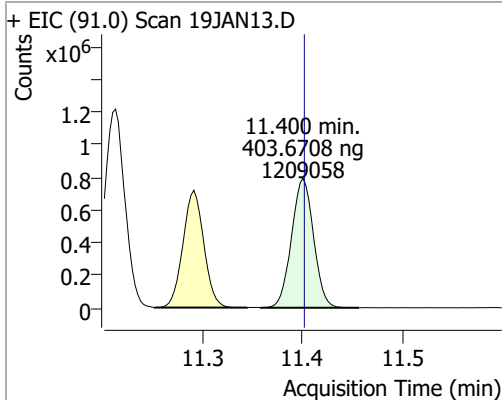


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 395.5589 | 11.29 | 0.00 | 365790 | 91.0 | 285.7 | 246.2 | 306.2 |

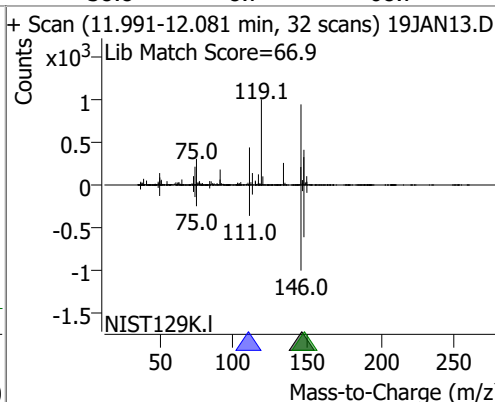
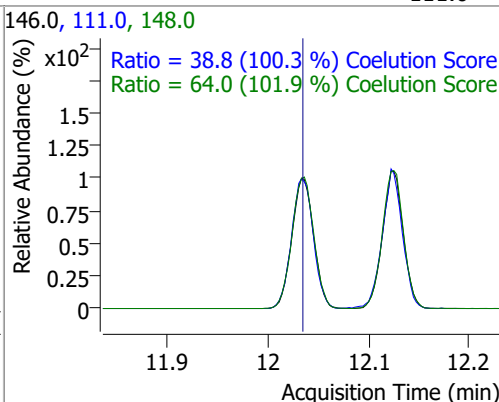
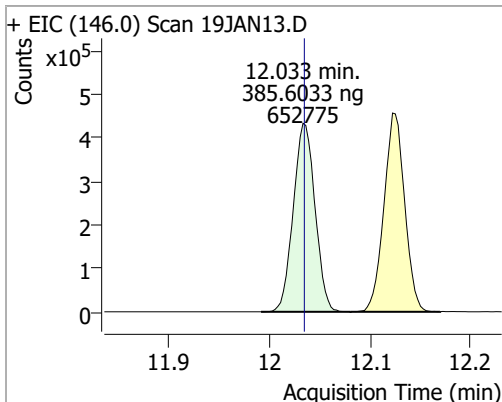


Quantitation Results Report (QT Reviewed)

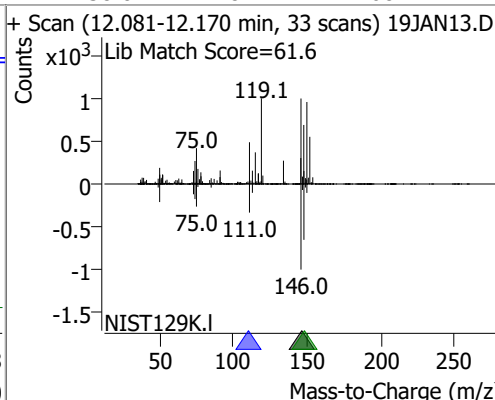
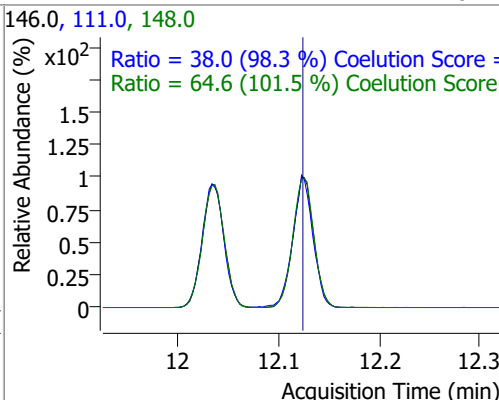
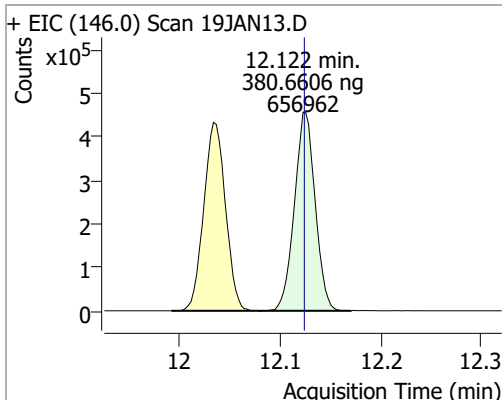
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|---------|-------|--------|-------|-------|
| 4-Chlorotoluene | 403.6708 | 11.40 | 0.00 | 1209058 | 126.0 | 31.6 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 385.6033 | 12.03 | 0.00 | 652775 | 148.0 | 64.0 | 32.8 | 92.8 |
| | | | | | 111.0 | 38.8 | 8.7 | 68.7 |

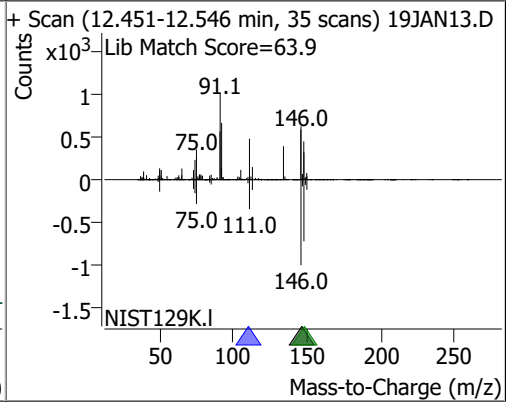
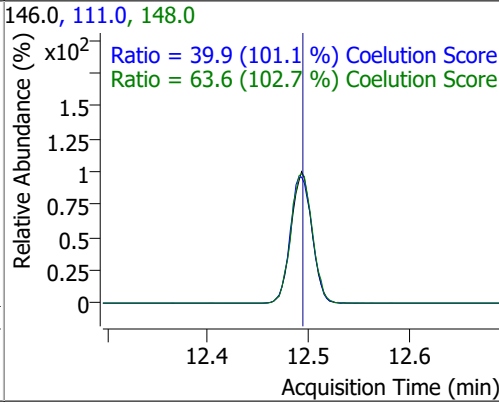
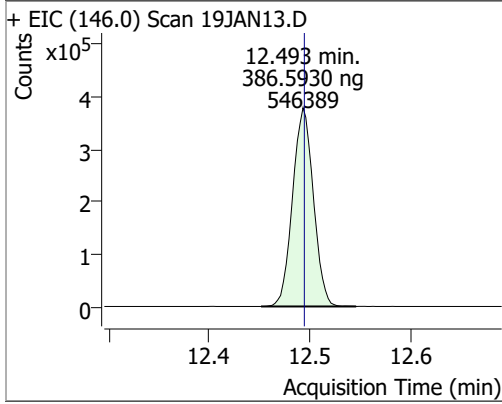


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 380.6606 | 12.12 | 0.00 | 656962 | 148.0 | 64.6 | 33.7 | 93.7 |
| | | | | | 111.0 | 38.0 | 8.7 | 68.7 |



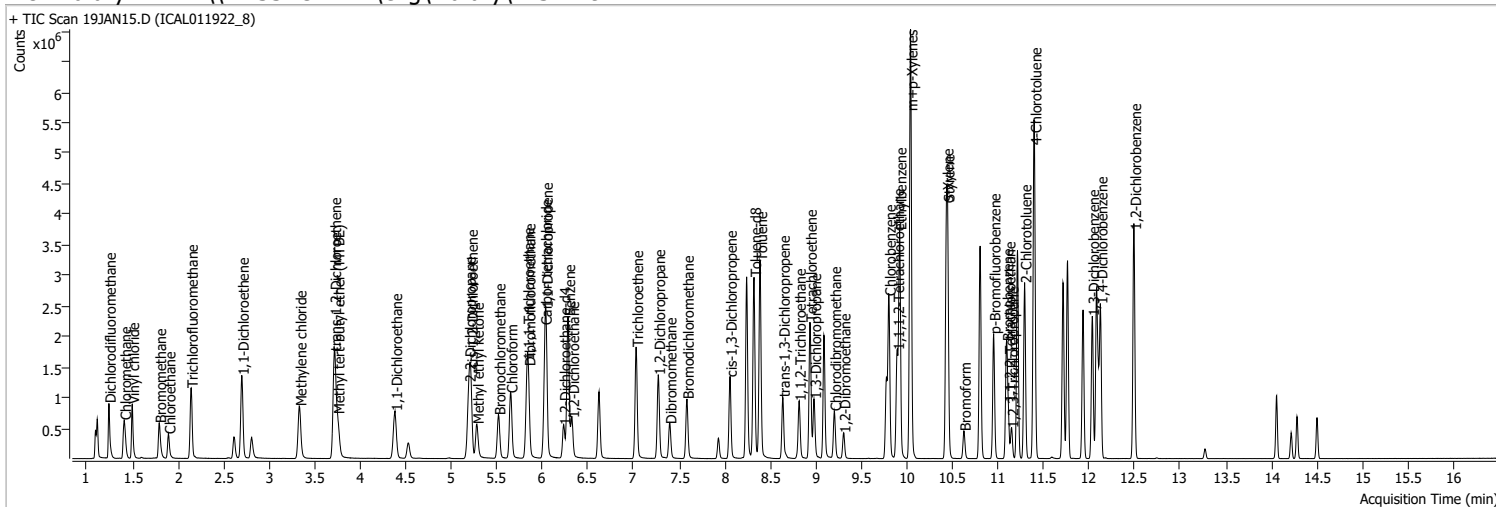
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 386.5930 | 12.49 | 0.00 | 546389 | 148.0 | 63.6 | 31.9 | 91.9 |
| | | | | | 111.0 | 39.9 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN15.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 3:47:49 PM |
| Sample Name | ICAL011922_8 | Instrument | VOA5975C |
| Vial | 15 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) | |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|-----|
| Internal Standards | | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 914923 | 250.0000 | ng | 0.000 | |
| M Chlorobenzene-d5 | 9.775 | 82.0 | 348824 | 250.0000 | ng | 0.000 | |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 291918 | 250.0000 | ng | 0.000 | |
| System Monitoring Compounds | | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 448615 | 506.2357 | ng | -0.005 | |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 202.49% | | * | |
| S 1,2-Dichloroethane-d4 | 6.230 | 67.0 | 191123 | 499.2690 | ng | 0.000 | |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 199.71% | | * | |
| S Toluene-d8 | 8.322 | 98.0 | 1826060 | 536.5850 | ng | 0.003 | |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 214.63% | | * | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 572482 | 531.1436 | ng | 0.003 | |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 212.46% | | * | |
| Target Compounds | | | | | | | |
| T Dichlorodifluoromethane | 1.241 | 85.0 | 629961 | 512.0678 | ng | | 99 |
| T Chloromethane | 1.409 | 50.0 | 718053 | 495.7627 | ng | | 100 |
| T Vinyl chloride | 1.498 | 62.0 | 669671 | 507.9543 | ng | | 99 |
| T Bromomethane | 1.793 | 96.0 | 324434 | 492.3720 | ng | | 96 |
| T Chloroethane | 1.894 | 64.0 | 289150 | 463.5741 | ng | | 99 |
| T Trichlorofluoromethane | 2.142 | 101.0 | 811600 | 513.3762 | ng | | 100 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 479145 | 520.8803 | ng | | 98 |
| T Methylene chloride | 3.333 | 49.0 | 641583 | 479.7159 | ng | | 99 |
| T trans-1,2-Dichloroethene | 3.715 | 96.0 | 486383 | 511.8313 | ng | | 99 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 632731 | 532.7227 | ng | | 99 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 921258 | 518.0035 | ng | | 99 |
| T 2,2-Dichloropropane | 5.190 | 77.0 | 683822 | 510.2077 | ng | | 96 |
| T cis-1,2-Dichloroethene | 5.212 | 96.0 | 513671 | 533.8672 | ng | | 98 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 752615 | 5412.5869 | ng | | 100 |
| T Bromochloromethane | 5.519 | 128.0 | 195140 | 491.8934 | ng | | 94 |
| T Chloroform | 5.650 | 83.0 | 879544 | 495.3045 | ng | | 99 |

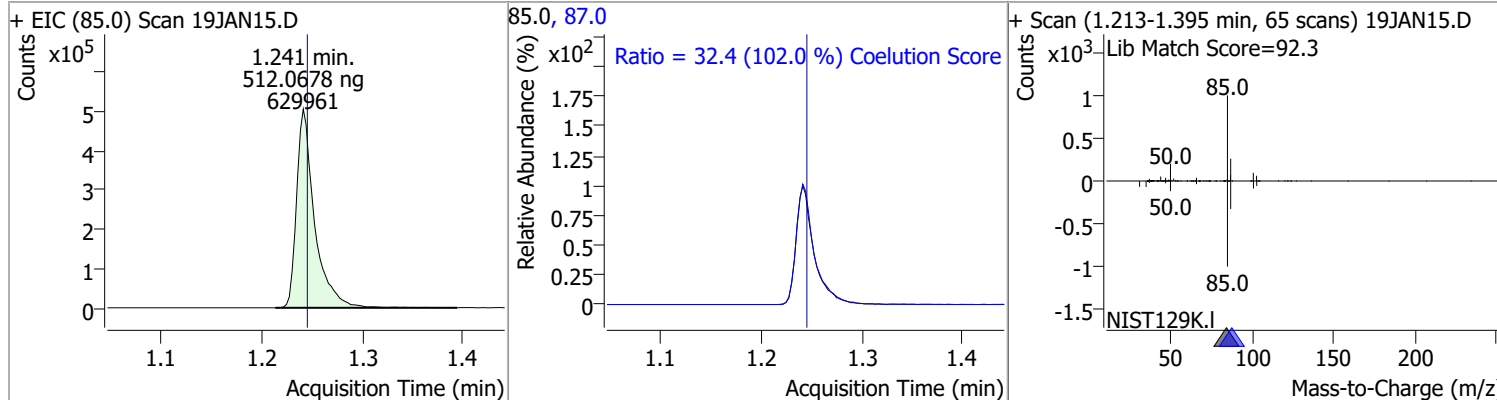
Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|---------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.831 | 97.0 | 863441 | 526.9948 | ng | 98 |
| T Carbon tetrachloride | 6.027 | 117.0 | 851101 | 535.6026 | ng | 98 |
| T 1,1-Dichloropropene | 6.038 | 75.0 | 746500 | 561.8648 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 1913180 | 523.4472 | ng | 99 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 499614 | 494.9057 | ng | 97 |
| T Trichloroethene | 7.028 | 95.0 | 553822 | 530.3320 | ng | 99 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 490282 | 533.9834 | ng | 96 |
| T Dibromomethane | 7.393 | 93.0 | 197367 | 509.9818 | ng | 99 |
| T Bromodichloromethane | 7.585 | 83.0 | 561671 | 516.1211 | ng | 99 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 666084 | 557.7775 | ng | 100 |
| T Toluene | 8.389 | 92.0 | 1224192 | 539.6763 | ng | 100 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 477330 | 547.9867 | ng | 97 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 228423 | 515.7192 | ng | 96 |
| T Tetrachloroethene | 8.935 | 163.8 | 486052 | 528.4090 | ng | 99 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 468322 | 522.4977 | ng | 100 |
| T Chlorodibromomethane | 9.203 | 129.0 | 370474 | 519.3572 | ng | 100 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 253758 | 518.7332 | ng | 96 |
| T Chlorobenzene | 9.802 | 112.0 | 1298233 | 522.0725 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.892 | 131.0 | 453261 | 519.5010 | ng | 97 |
| T Ethylbenzene | 9.920 | 91.0 | 2354058 | 492.0069 | ng | 100 |
| T m+p-Xylenes | 10.039 | 106.0 | 1838610 | 982.9557 | ng | 100 |
| T o-Xylene | 10.433 | 106.0 | 822173 | 490.5696 | ng | 99 |
| T Styrene | 10.447 | 104.0 | 1332807 | 489.9958 | ng | 100 |
| T Bromoform | 10.625 | 172.5 | 198345 | 507.0612 | ng | 100 |
| T Bromobenzene | 11.094 | 156.0 | 501025 | 527.1176 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 273124 | 503.7746 | ng | 99 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 71179 | 499.7018 | ng | 97 |
| T 2-Chlorotoluene | 11.292 | 126.0 | 506556 | 538.4753 | ng | 97 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 1661293 | 545.2370 | ng | 100 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 895336 | 519.9029 | ng | 99 |
| T 1,4-Dichlorobenzene | 12.123 | 146.0 | 899595 | 512.3936 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 753439 | 524.0336 | ng | 98 |

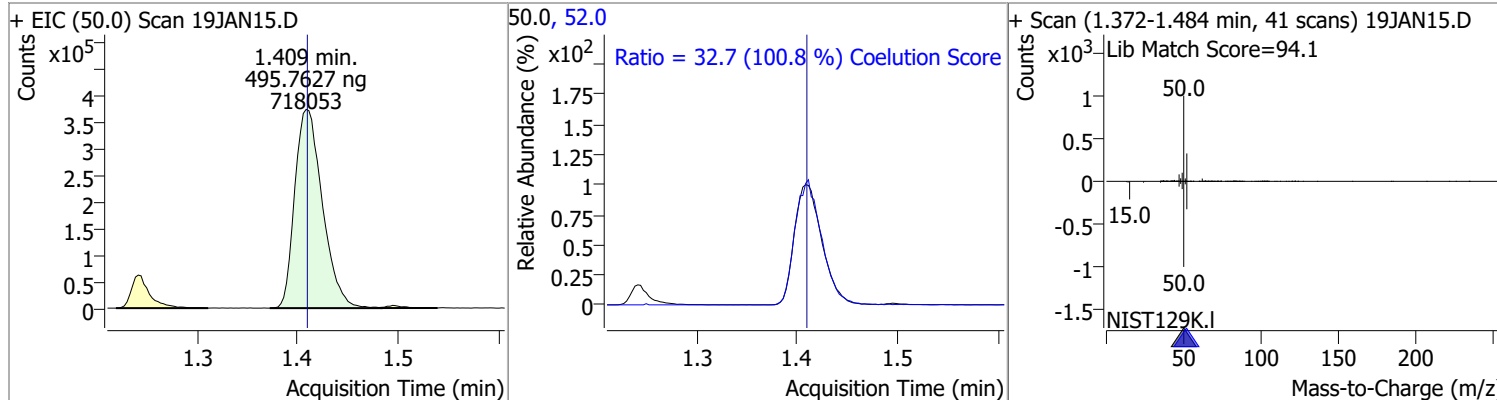
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

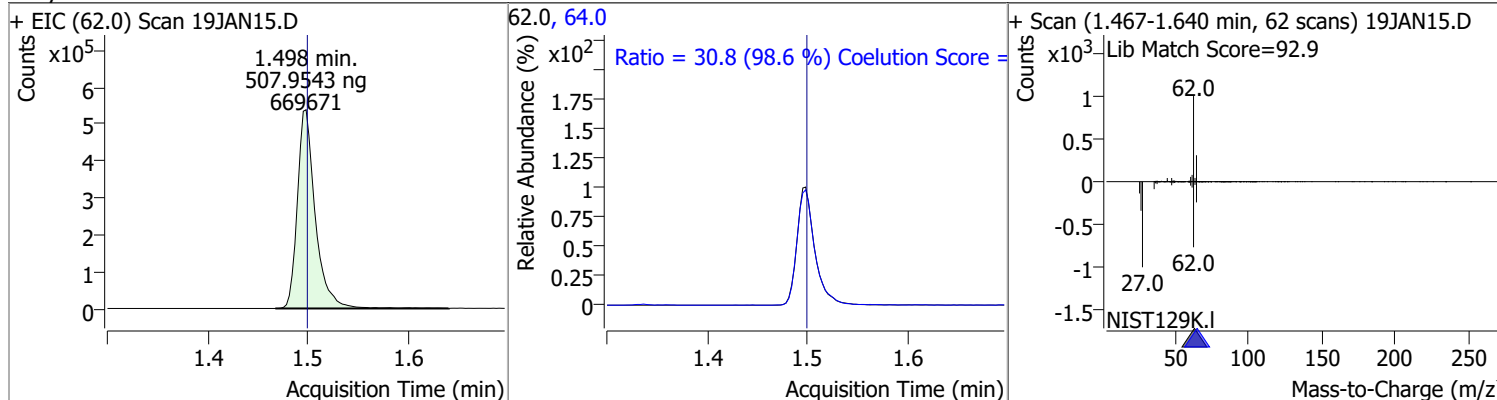
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Dichlorodifluoromethane | 512.0678 | 1.24 | 0.00 | 629961 | 87.0 | 32.4 | 1.8 | 61.8 |



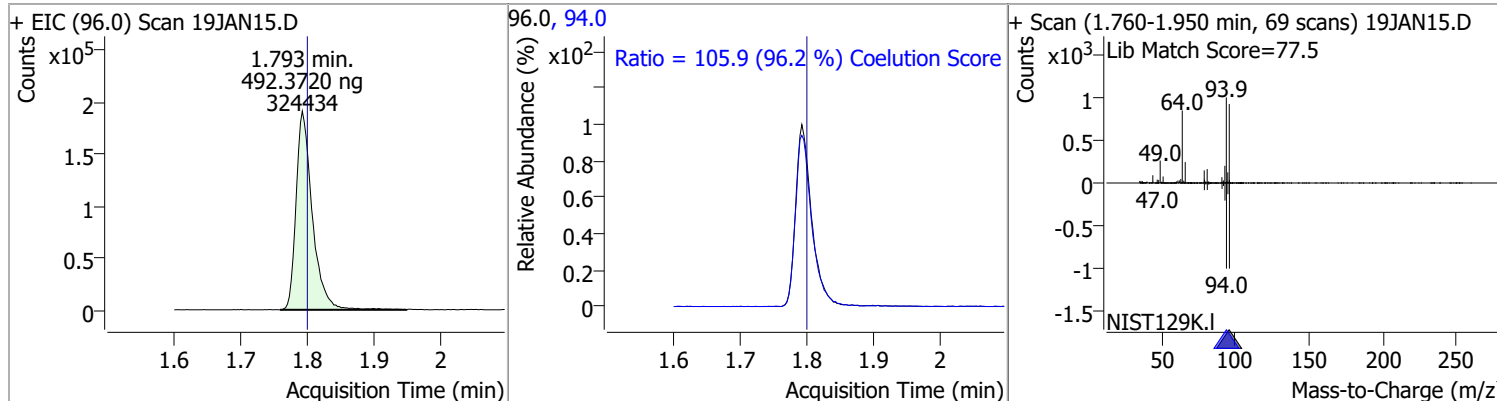
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloromethane | 495.7627 | 1.41 | 0.00 | 718053 | 52.0 | 32.7 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|--------|------|--------|-------|-------|
| Vinyl chloride | 507.9543 | 1.50 | 0.00 | 669671 | 64.0 | 30.8 | 1.3 | 61.3 |

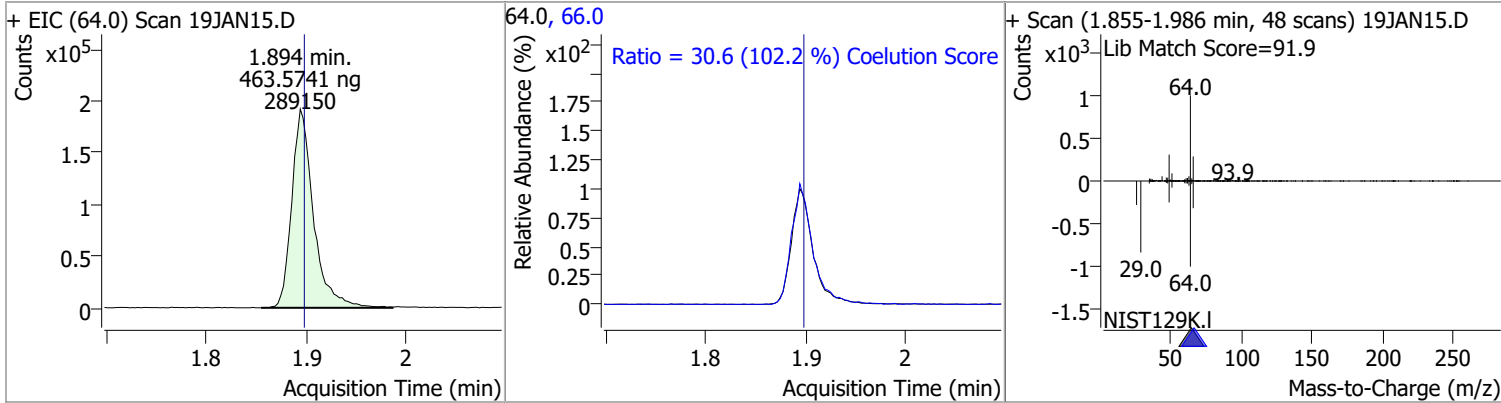


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|------|--------|-------|-------|
| Bromomethane | 492.3720 | 1.79 | -0.01 | 324434 | 94.0 | 105.9 | 80.1 | 140.1 |

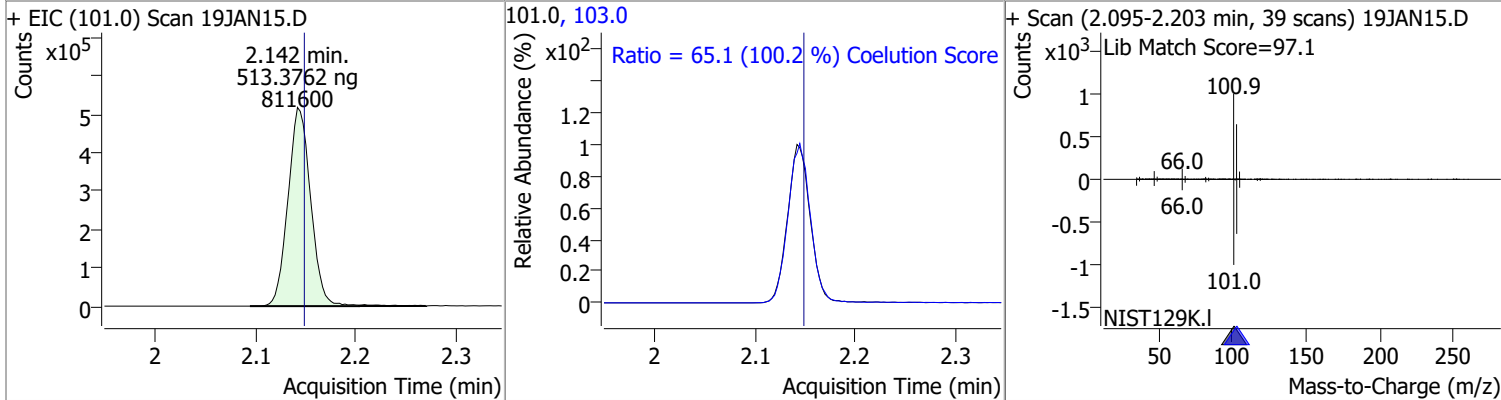


Quantitation Results Report (QT Reviewed)

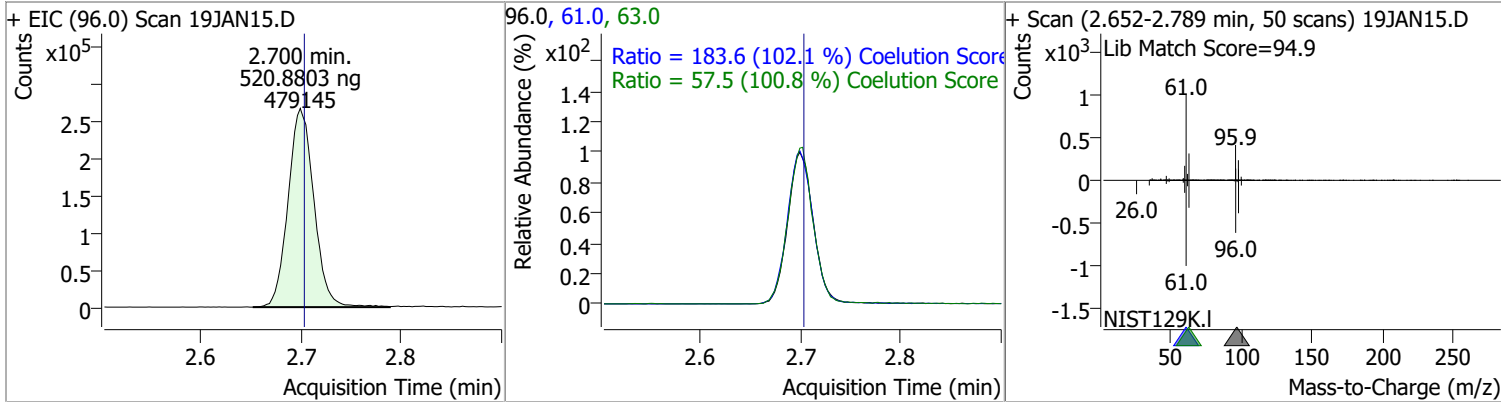
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroethane | 463.5741 | 1.89 | 0.00 | 289150 | 66.0 | 30.6 | 0.0 | 60.0 |



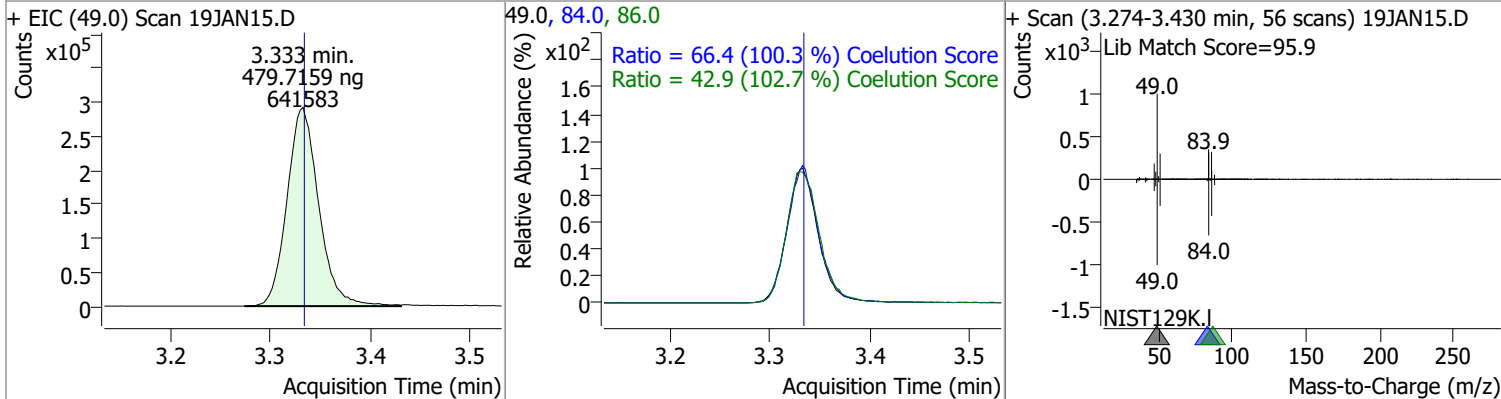
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 513.3762 | 2.14 | -0.01 | 811600 | 103.0 | 65.1 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 520.8803 | 2.70 | 0.00 | 479145 | 61.0 | 183.6 | 149.9 | 209.9 |
| | | | | | 63.0 | 57.5 | 27.0 | 87.0 |

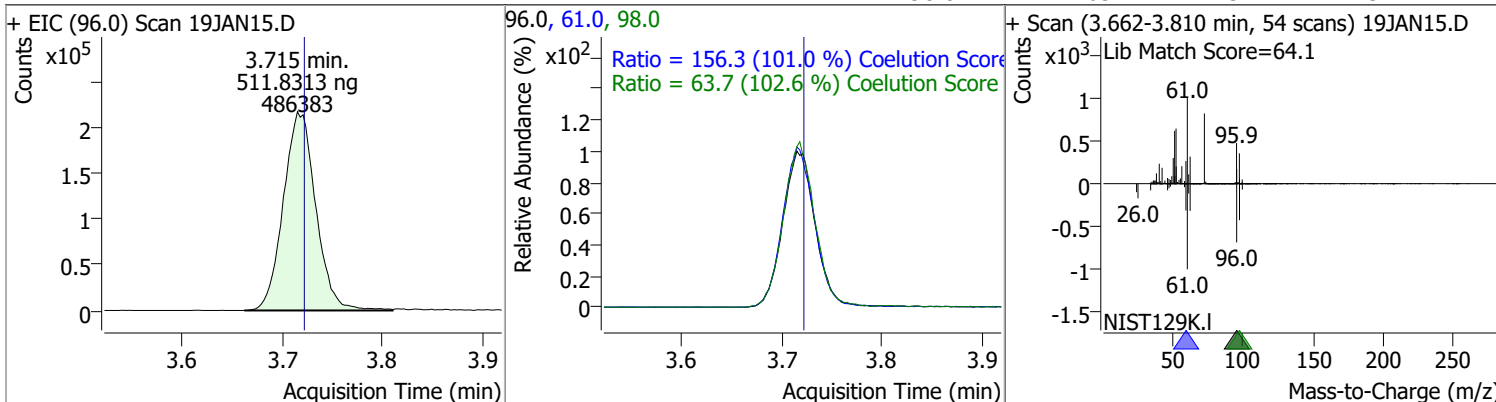


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 479.7159 | 3.33 | 0.00 | 641583 | 84.0 | 66.4 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.9 | 11.8 | 71.8 |

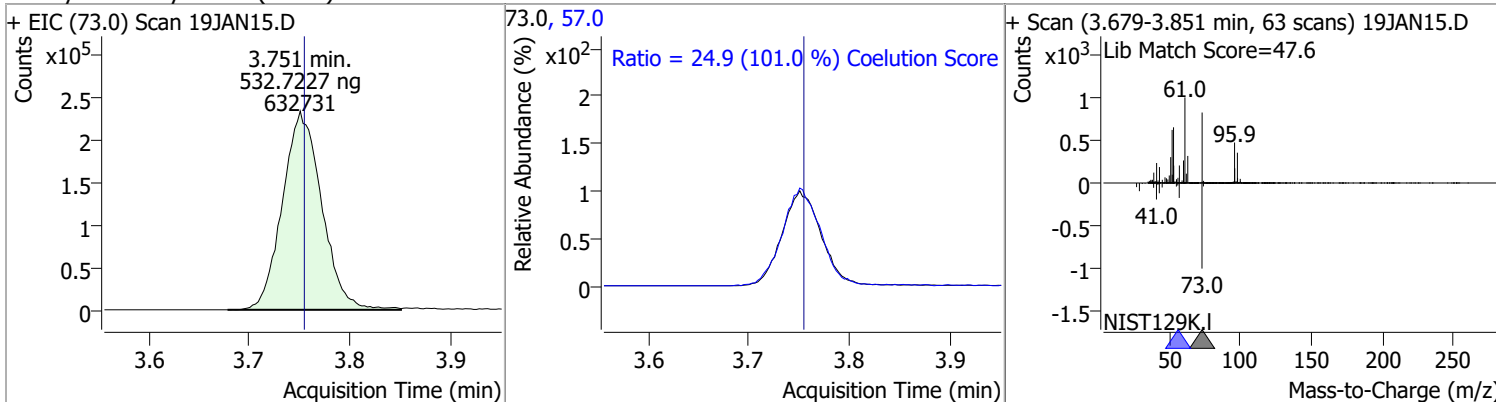


Quantitation Results Report (QT Reviewed)

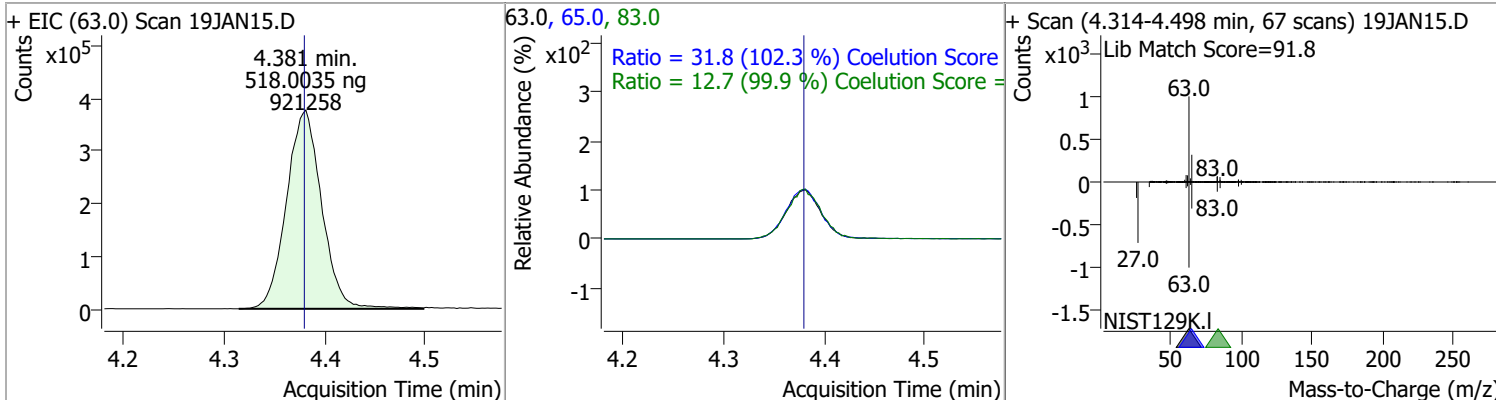
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 511.8313 | 3.71 | -0.01 | 486383 | 61.0 | 156.3 | 124.8 | 184.8 |
| | | | | | 98.0 | 63.7 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 532.7227 | 3.75 | 0.00 | 632731 | 57.0 | 24.9 | 0.0 | 54.6 |

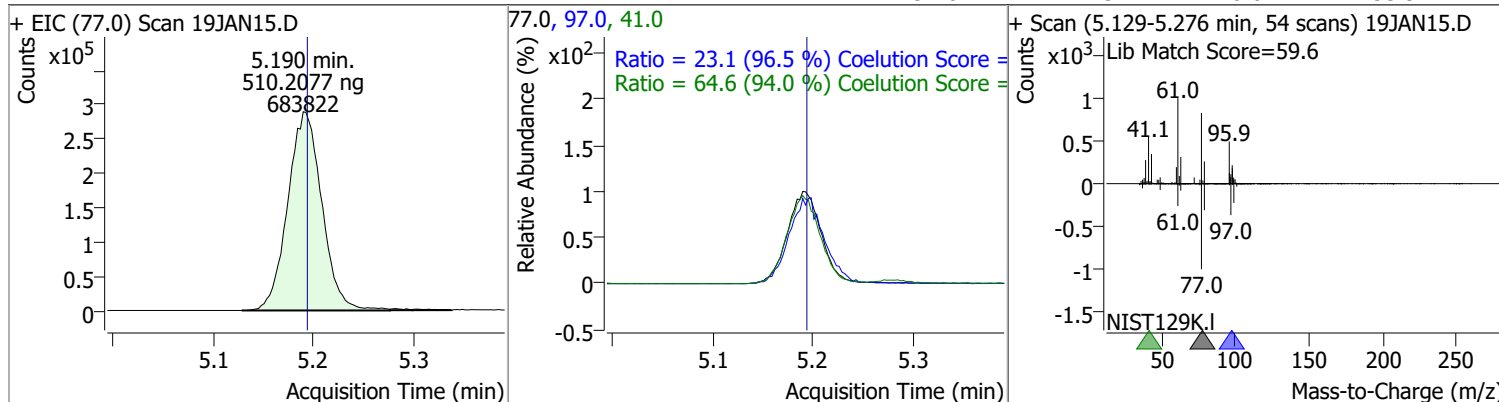


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 518.0035 | 4.38 | 0.00 | 921258 | 65.0 | 31.8 | 1.0 | 61.0 |
| | | | | | 83.0 | 12.7 | 0.0 | 42.7 |

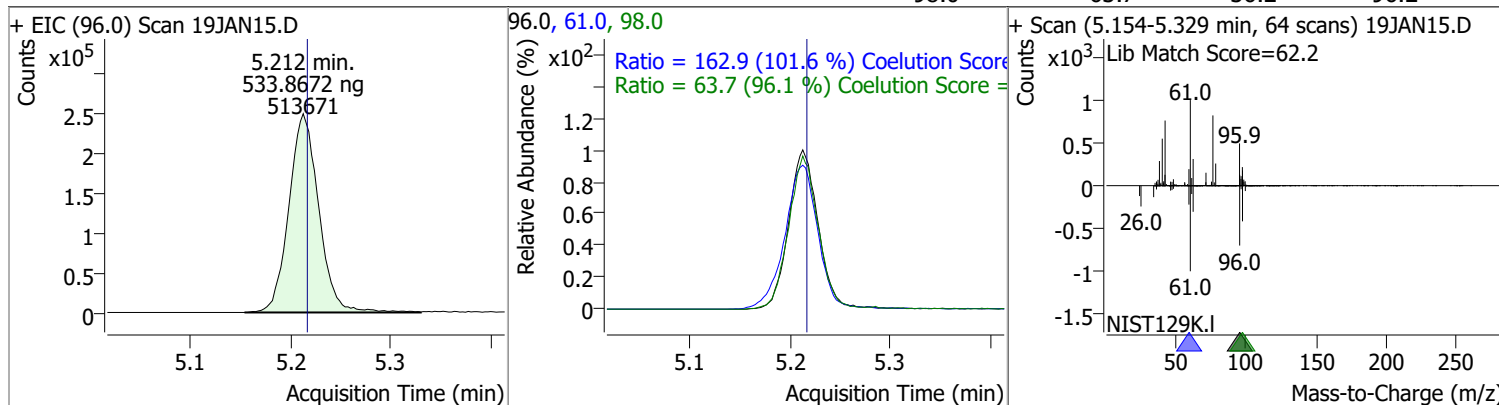


Quantitation Results Report (QT Reviewed)

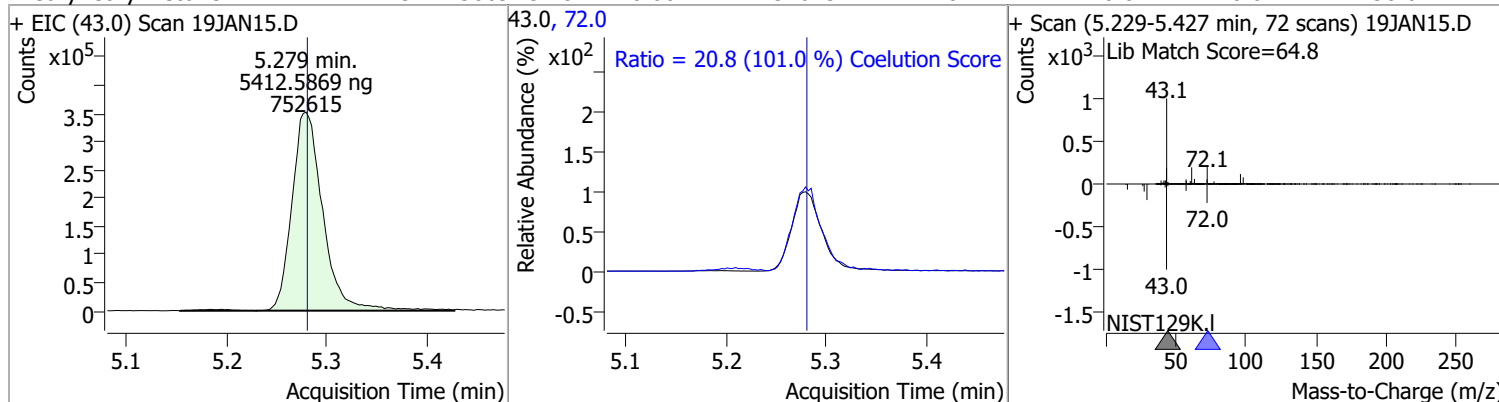
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 510.2077 | 5.19 | 0.00 | 683822 | 41.0 | 64.6 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.1 | 0.0 | 53.9 |



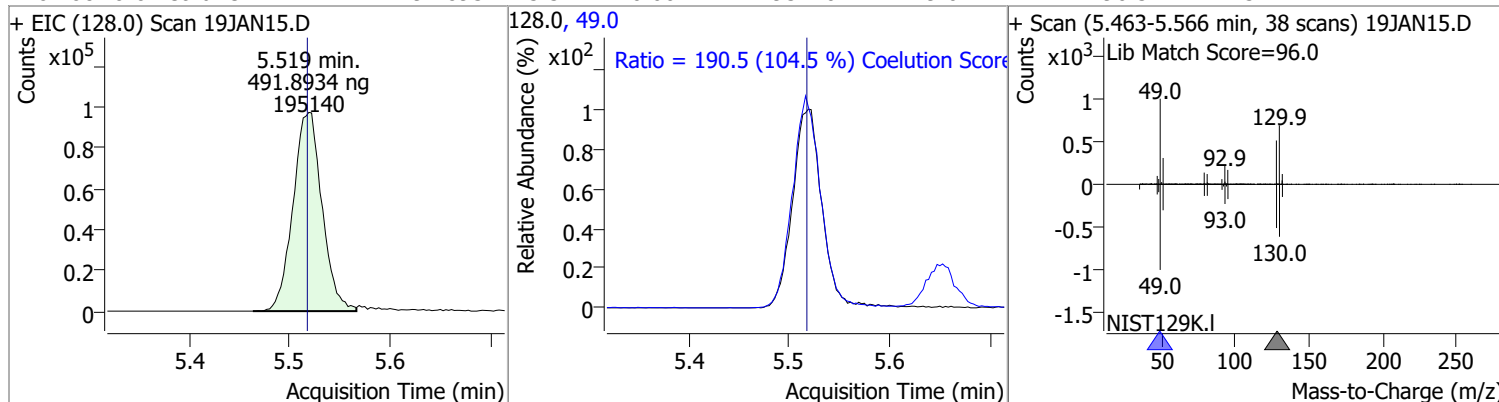
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 533.8672 | 5.21 | 0.00 | 513671 | 61.0 | 162.9 | 130.4 | 190.4 |
| | | | | | 98.0 | 63.7 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 5412.5869 | 5.28 | 0.00 | 752615 | 72.0 | 20.8 | 0.0 | 50.6 |

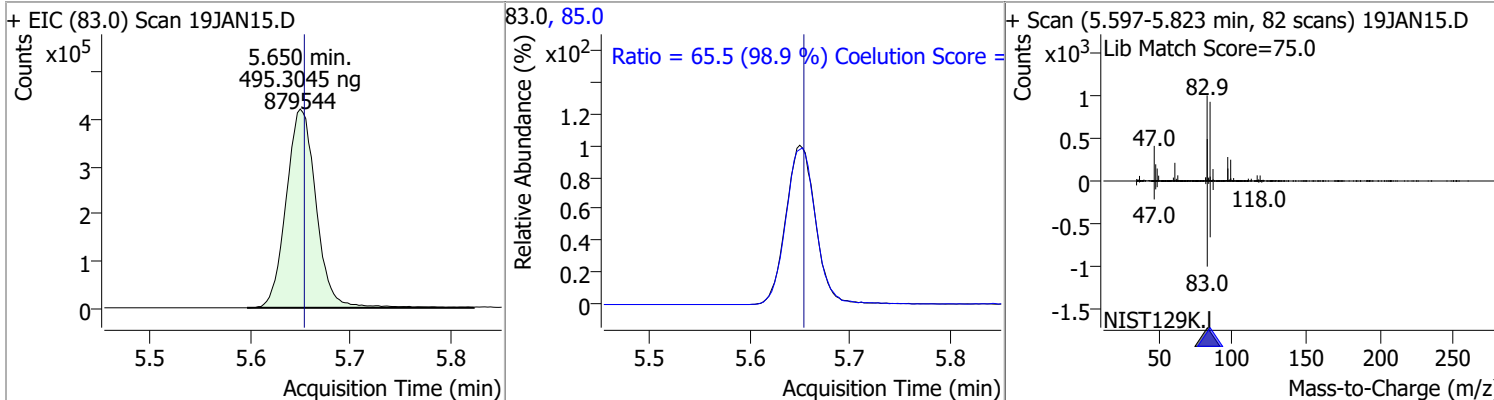


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Bromochloromethane | 491.8934 | 5.52 | 0.00 | 195140 | 49.0 | 190.5 | 152.2 | 212.2 |

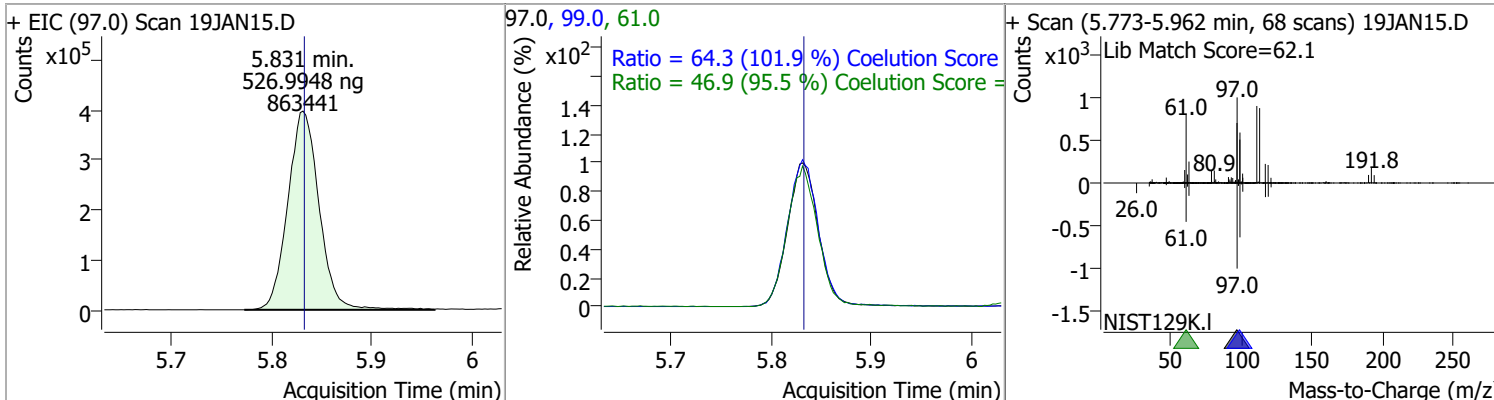


Quantitation Results Report (QT Reviewed)

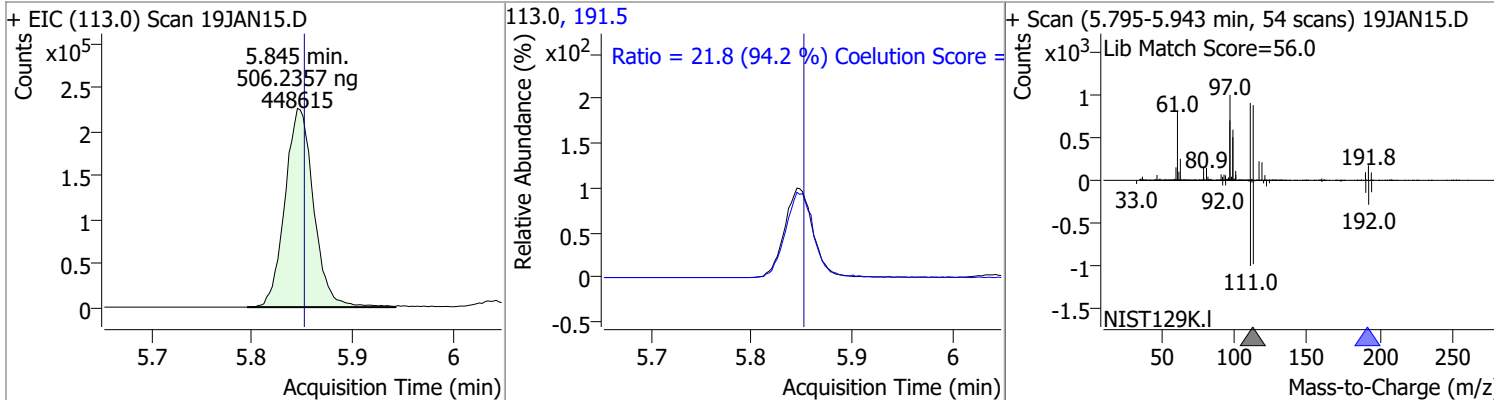
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 495.3045 | 5.65 | 0.00 | 879544 | 85.0 | 65.5 | 36.2 | 96.2 |



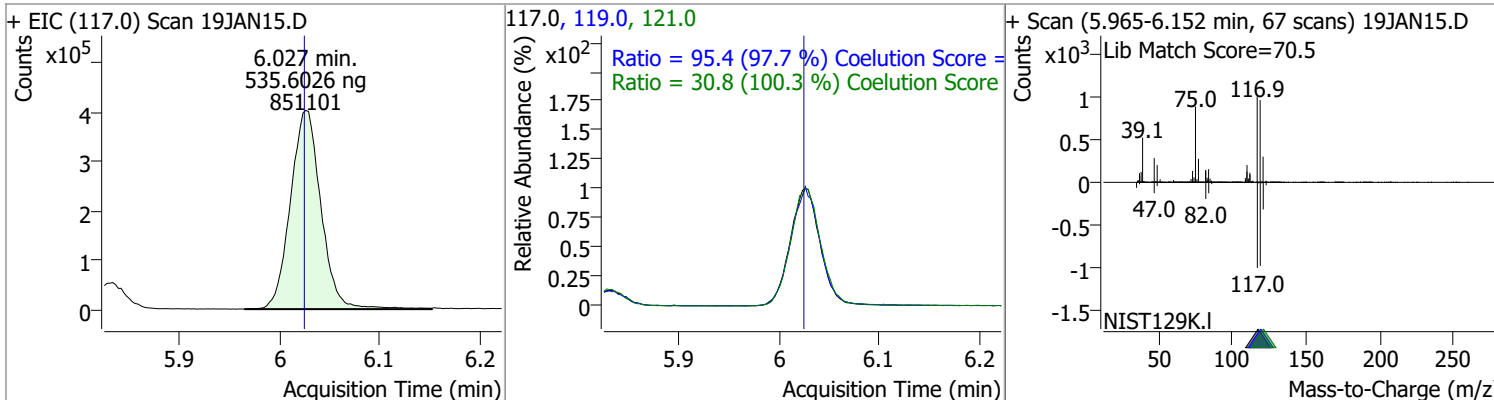
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 526.9948 | 5.83 | 0.00 | 863441 | 99.0 | 64.3 | 33.1 | 93.1 |
| | | | | | 61.0 | 46.9 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 506.2357 | 5.85 | -0.01 | 448615 | 191.5 | 21.8 | 0.0 | 53.2 |

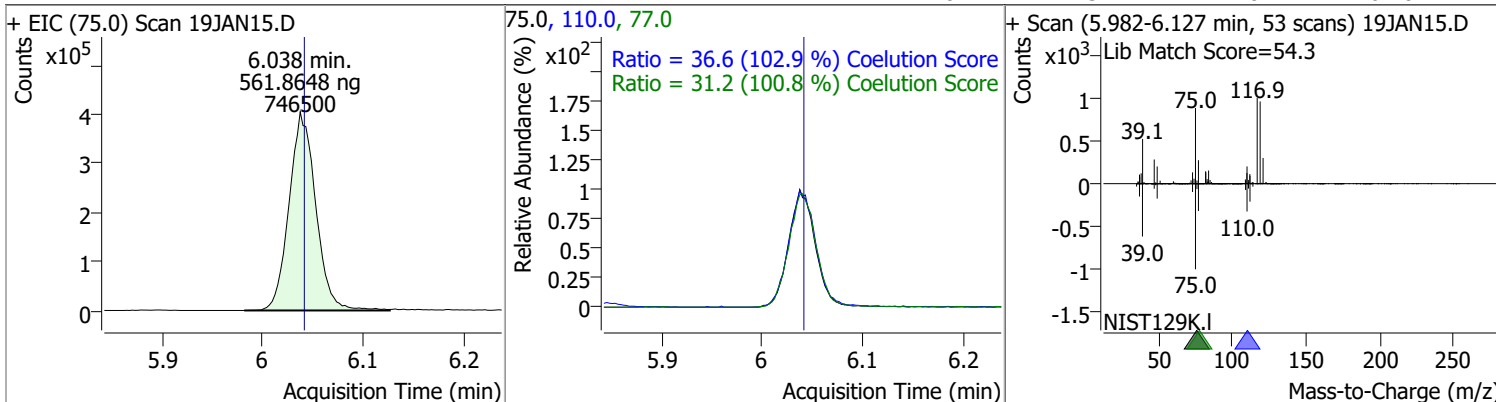


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Carbon tetrachloride | 535.6026 | 6.03 | 0.00 | 851101 | 119.0 | 95.4 | 67.6 | 127.6 |
| | | | | | 121.0 | 30.8 | 0.7 | 60.7 |

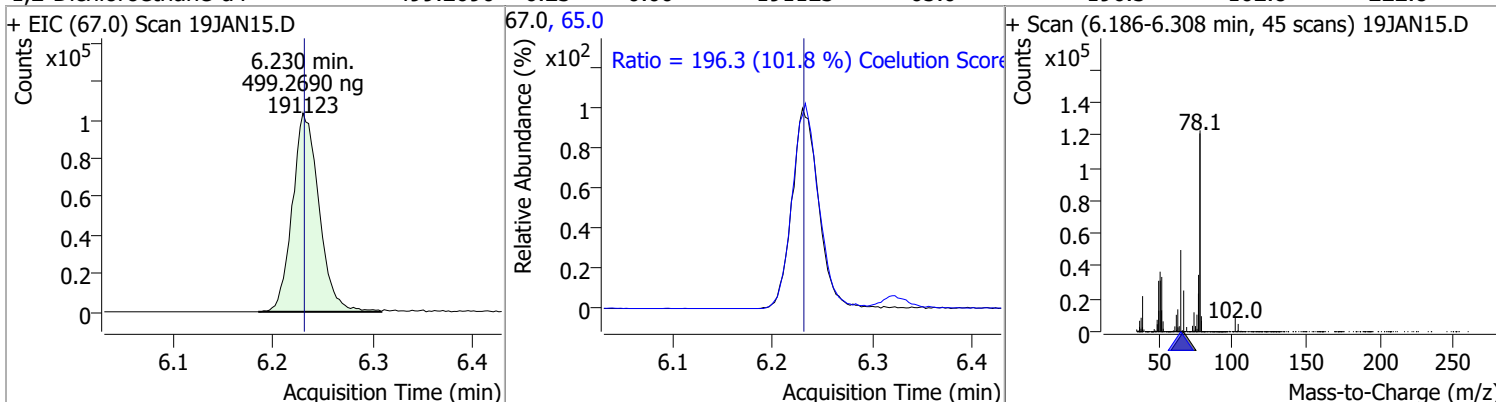


Quantitation Results Report (QT Reviewed)

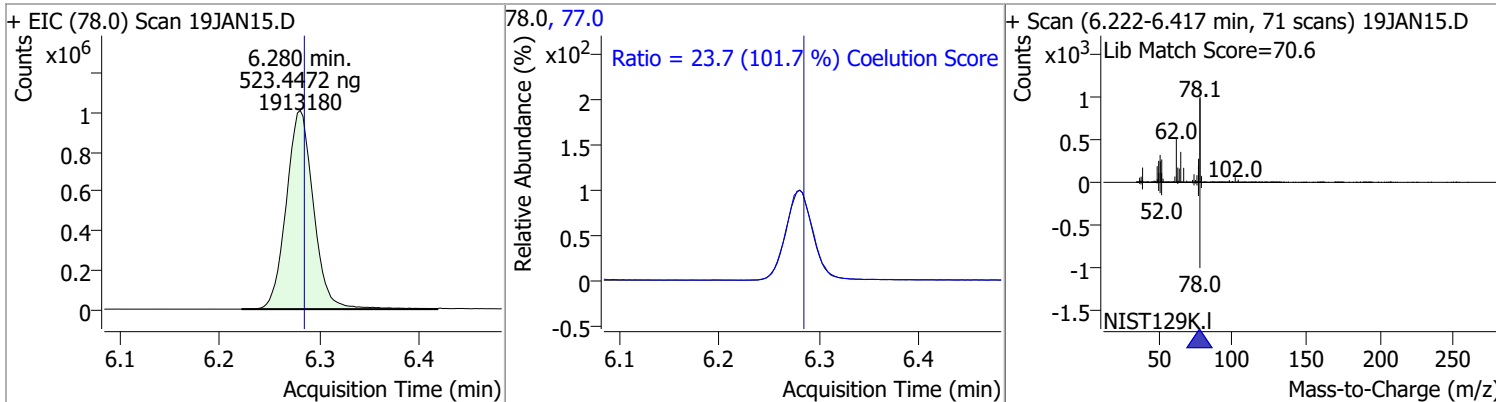
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 561.8648 | 6.04 | 0.00 | 746500 | 110.0 | 36.6 | 5.6 | 65.6 |
| | | | | | 77.0 | 31.2 | 1.0 | 61.0 |



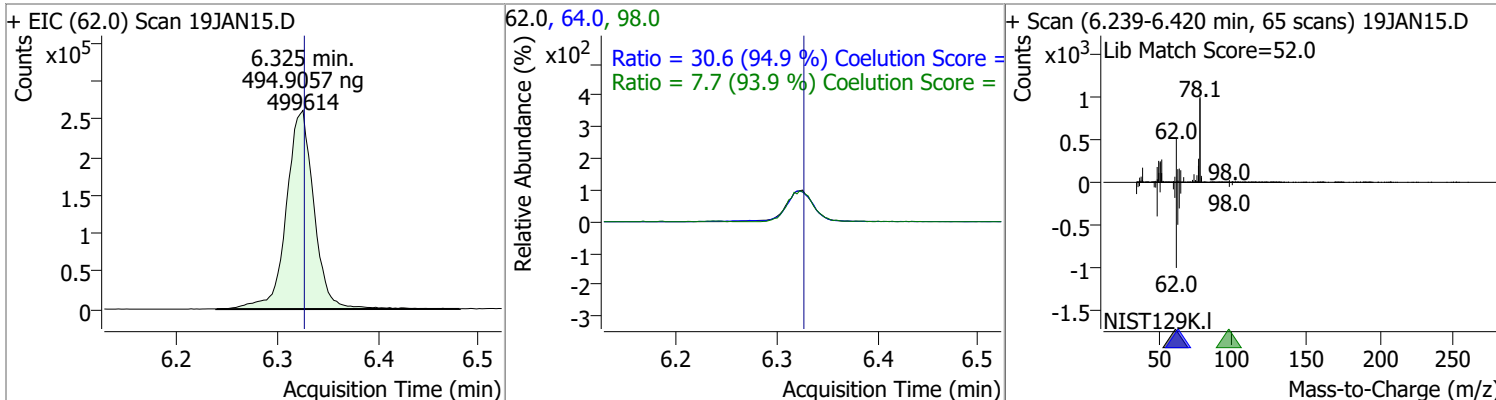
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 499.2690 | 6.23 | 0.00 | 191123 | 65.0 | 196.3 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|---------|------|--------|-------|-------|
| Benzene | 523.4472 | 6.28 | 0.00 | 1913180 | 77.0 | 23.7 | 0.0 | 53.3 |

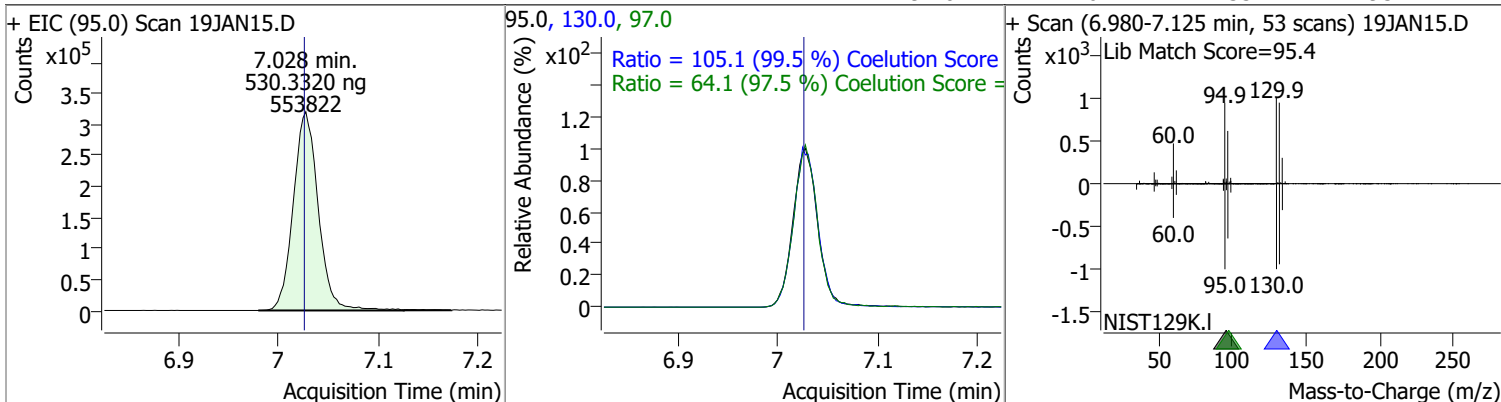


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 494.9057 | 6.32 | 0.00 | 499614 | 64.0 | 30.6 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.7 | 0.0 | 38.2 |

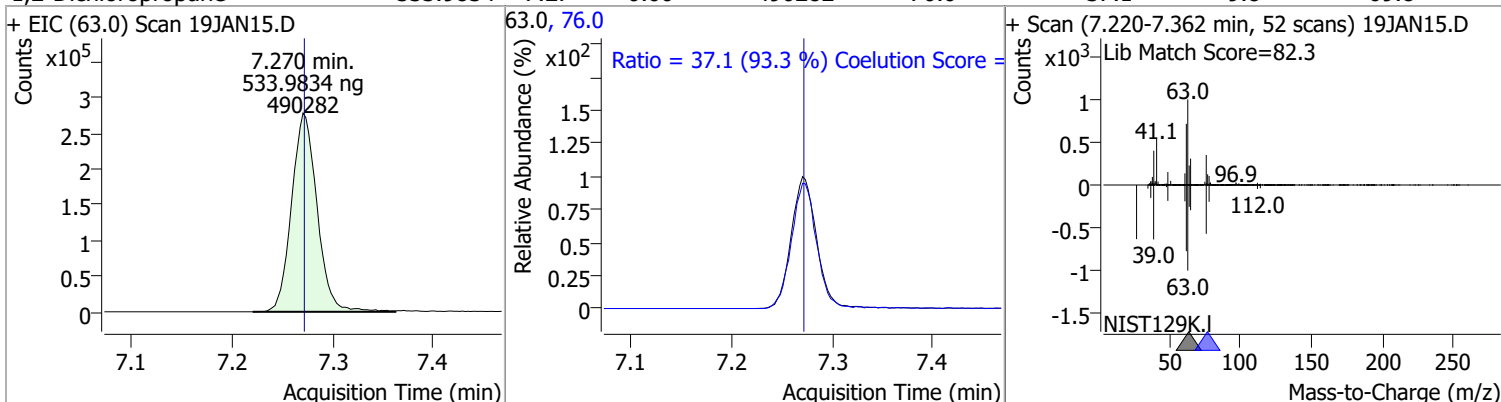


Quantitation Results Report (QT Reviewed)

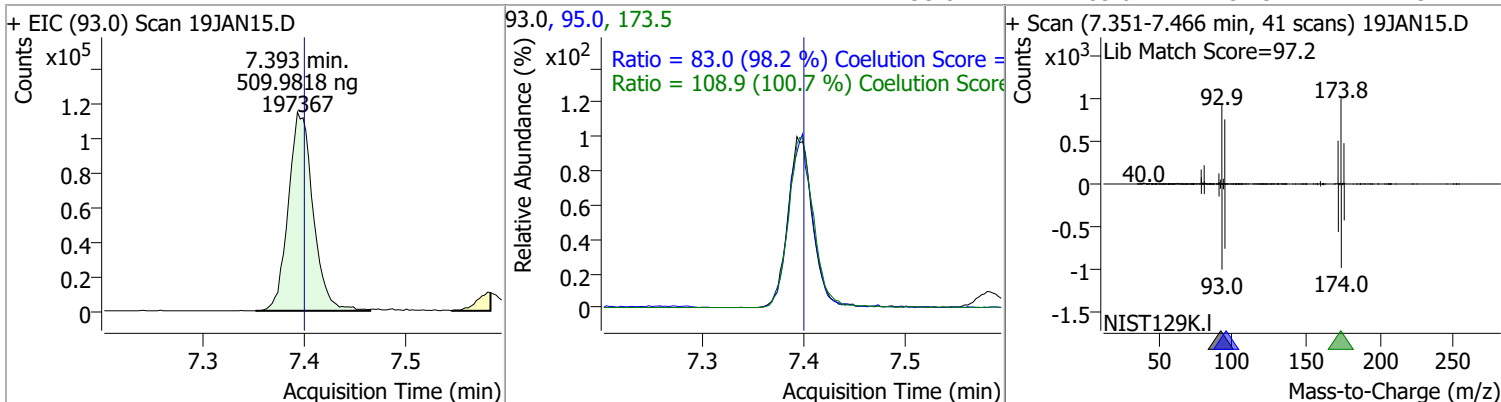
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 530.3320 | 7.03 | 0.00 | 553822 | 130.0 | 105.1 | 75.6 | 135.6 |
| | | | | | 97.0 | 64.1 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 533.9834 | 7.27 | 0.00 | 490282 | 76.0 | 37.1 | 9.8 | 69.8 |

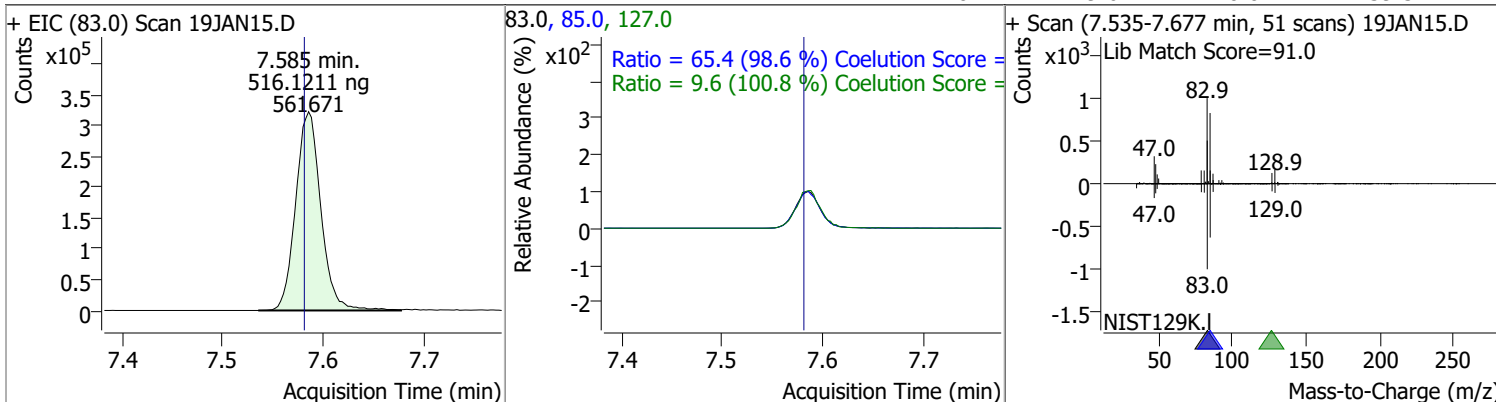


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromomethane | 509.9818 | 7.39 | -0.01 | 197367 | 173.5 | 108.9 | 78.2 | 138.2 |
| | | | | | 95.0 | 83.0 | 54.5 | 114.5 |

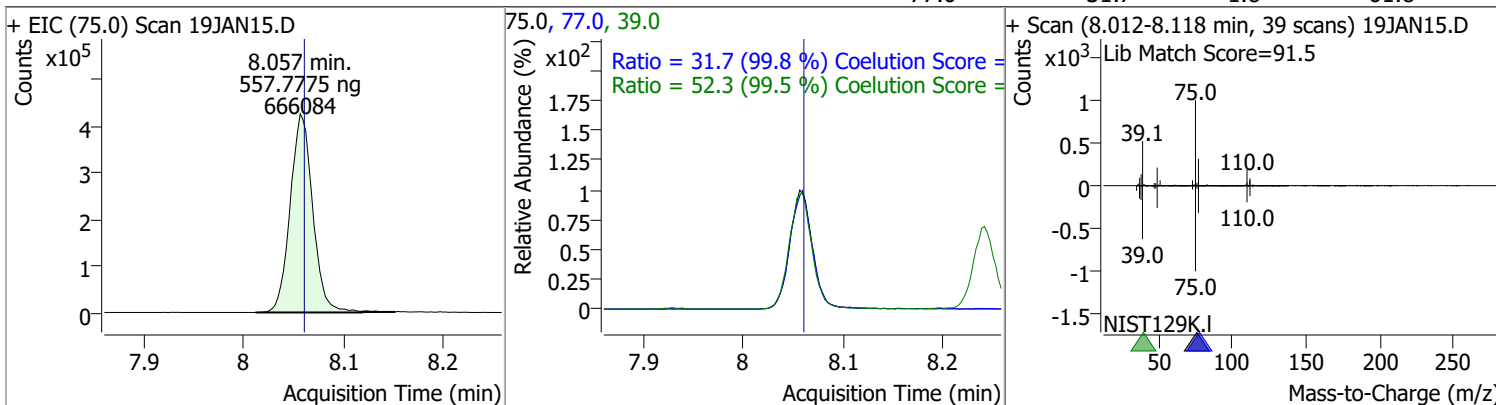


Quantitation Results Report (QT Reviewed)

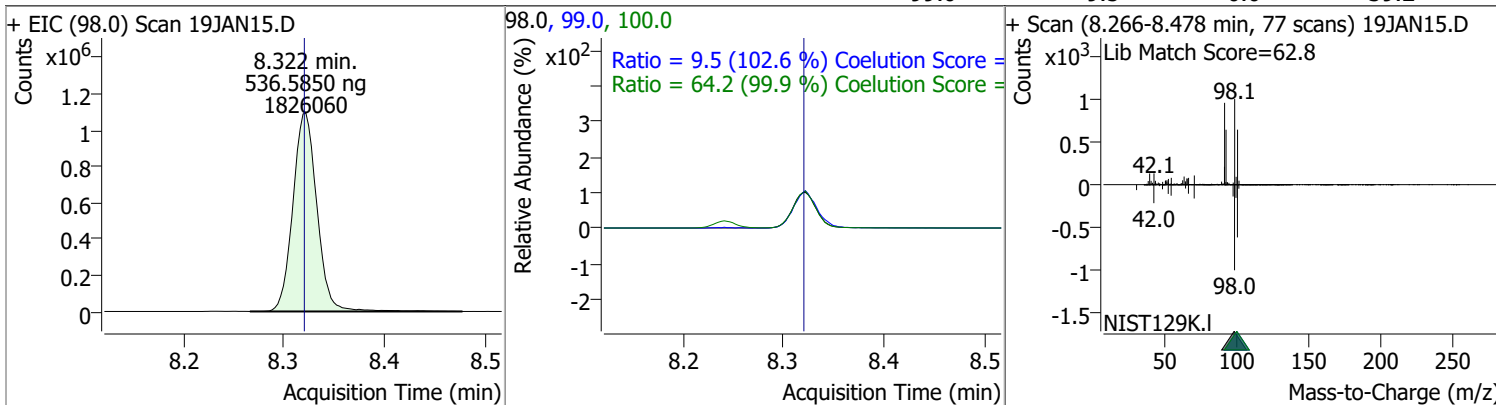
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 516.1211 | 7.59 | 0.01 | 561671 | 85.0 | 65.4 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.6 | 0.0 | 39.5 |



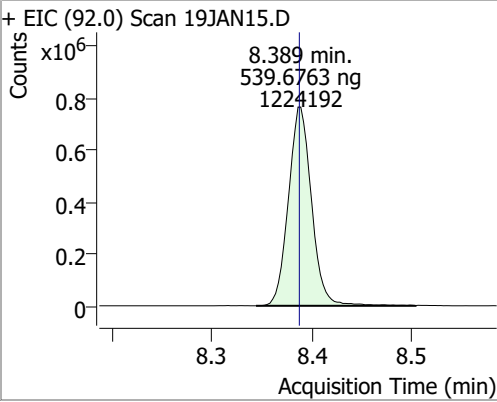
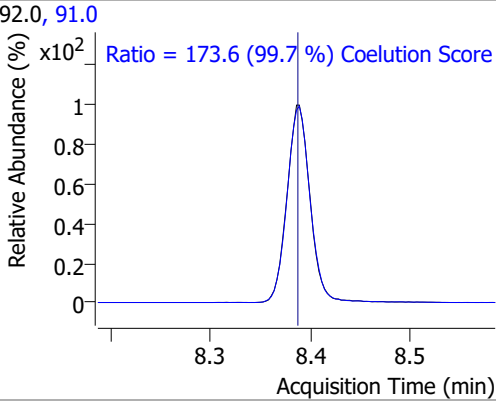
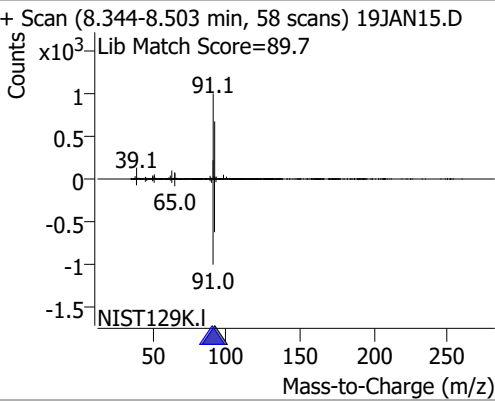
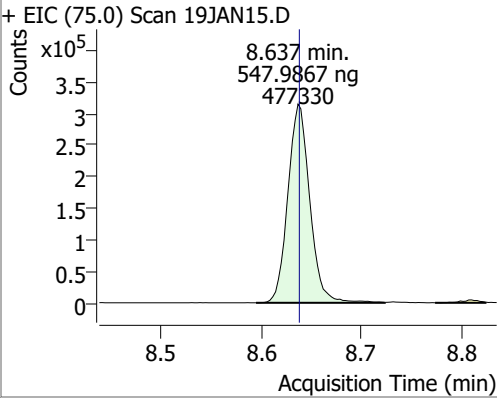
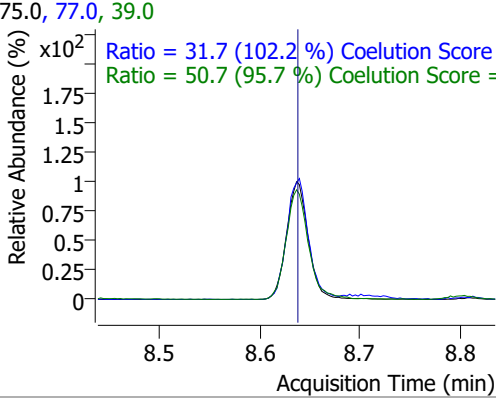
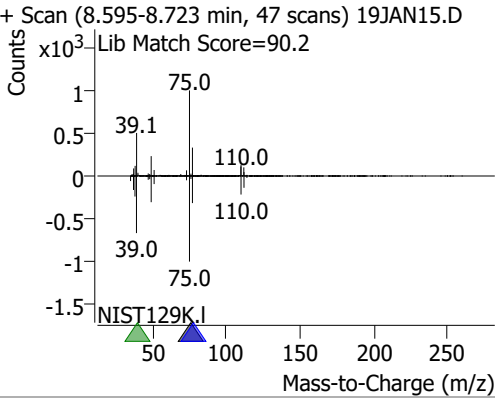
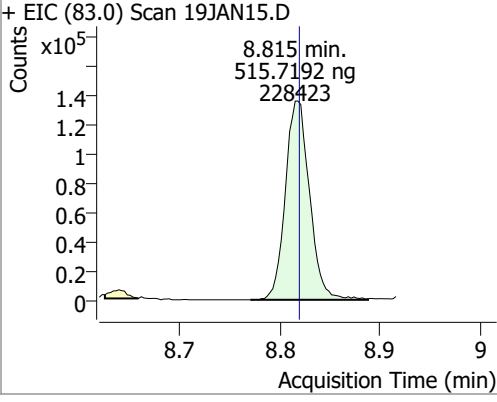
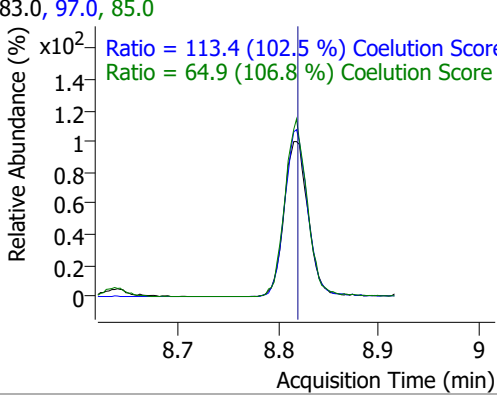
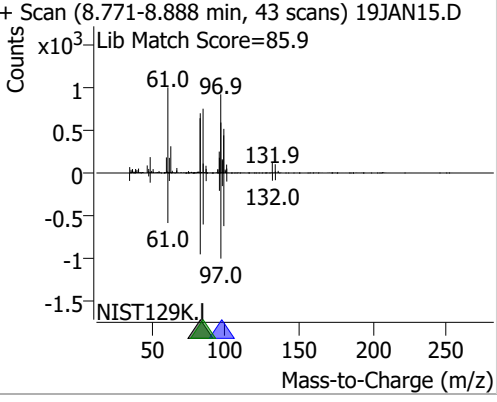
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 557.7775 | 8.06 | 0.00 | 666084 | 39.0 | 52.3 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.7 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 536.5850 | 8.32 | 0.00 | 1826060 | 100.0 | 64.2 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.5 | 0.0 | 39.2 |

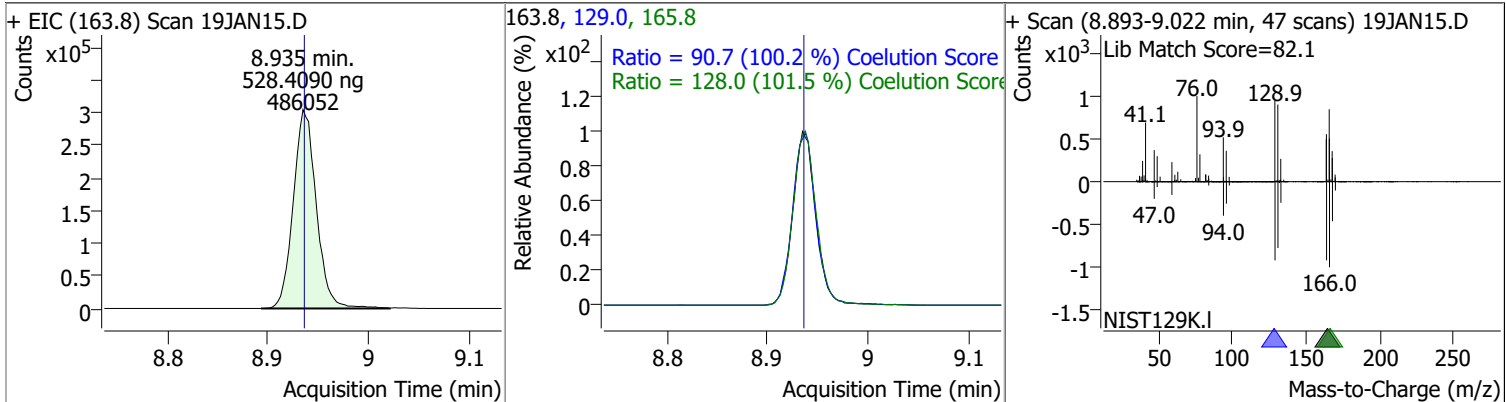


Quantitation Results Report (QT Reviewed)

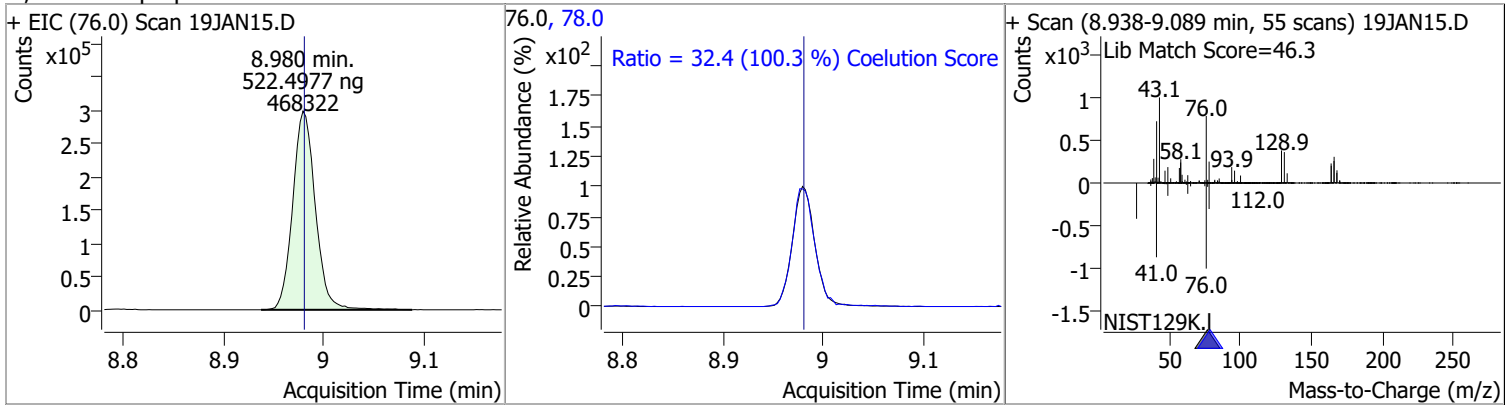
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|----------|------|--|---------|------|---|-------|-------|
| Toluene | 539.6763 | 8.39 | 0.00 | 1224192 | 91.0 | 173.6 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN15.D | | | 92.0, 91.0 | | | + Scan (8.344-8.503 min, 58 scans) 19JAN15.D | | |
|  | | |  | | |  | | |
| trans-1,3-Dichloropropene | 547.9867 | 8.64 | 0.00 | 477330 | 39.0 | 50.7 | 23.0 | 83.0 |
| + EIC (75.0) Scan 19JAN15.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.595-8.723 min, 47 scans) 19JAN15.D | | |
|  | | |  | | |  | | |
| 1,1,2-Trichloroethane | 515.7192 | 8.82 | 0.00 | 228423 | 97.0 | 113.4 | 80.7 | 140.7 |
| + EIC (83.0) Scan 19JAN15.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.771-8.888 min, 43 scans) 19JAN15.D | | |
|  | | |  | | |  | | |

Quantitation Results Report (QT Reviewed)

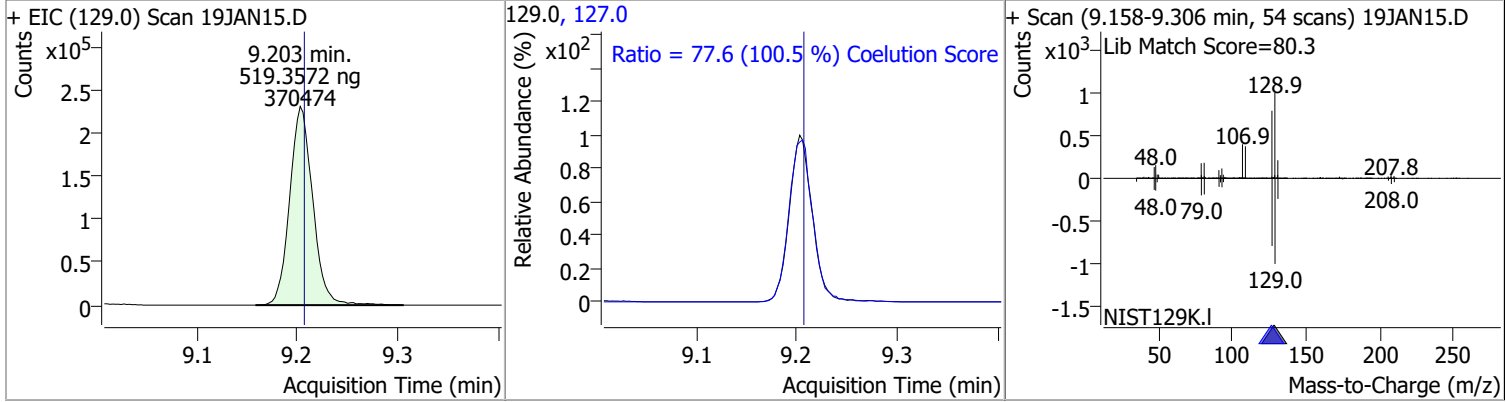
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 528.4090 | 8.94 | 0.00 | 486052 | 165.8 | 128.0 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.7 | 60.5 | 120.5 |



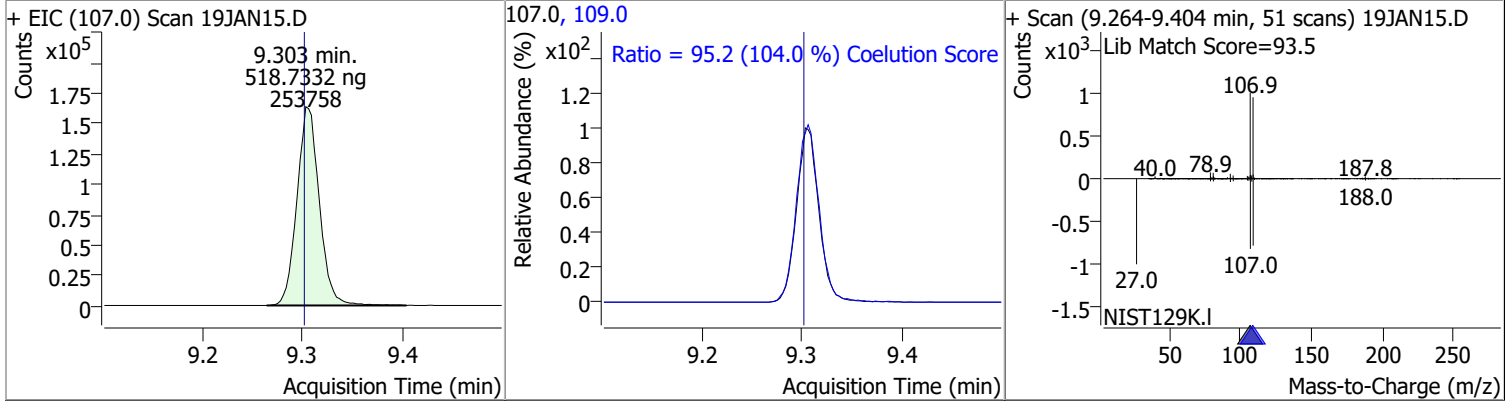
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 522.4977 | 8.98 | 0.00 | 468322 | 78.0 | 32.4 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 519.3572 | 9.20 | 0.00 | 370474 | 127.0 | 77.6 | 47.2 | 107.2 |

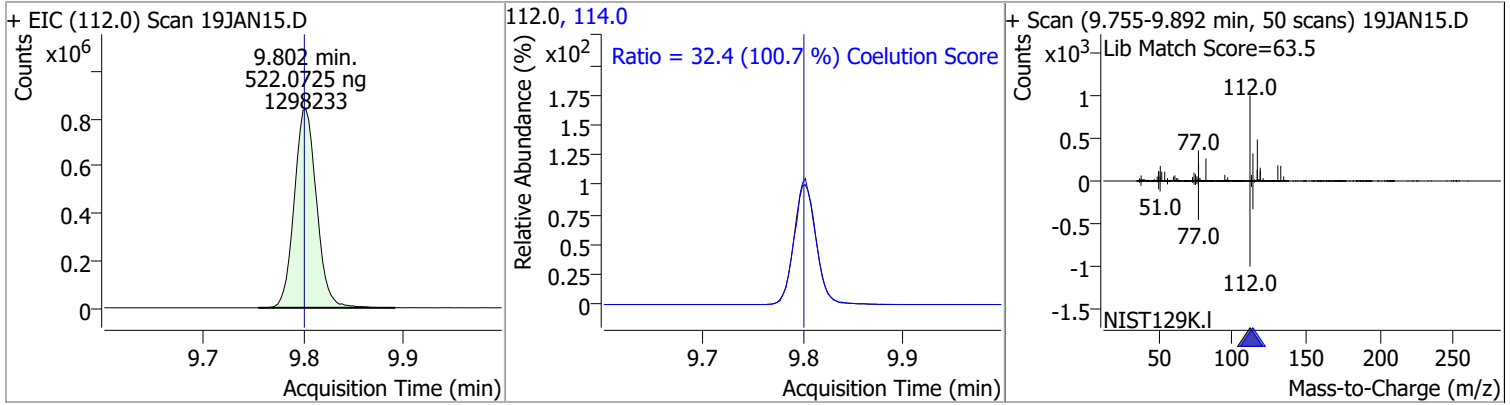


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 518.7332 | 9.30 | 0.00 | 253758 | 109.0 | 95.2 | 61.5 | 121.5 |

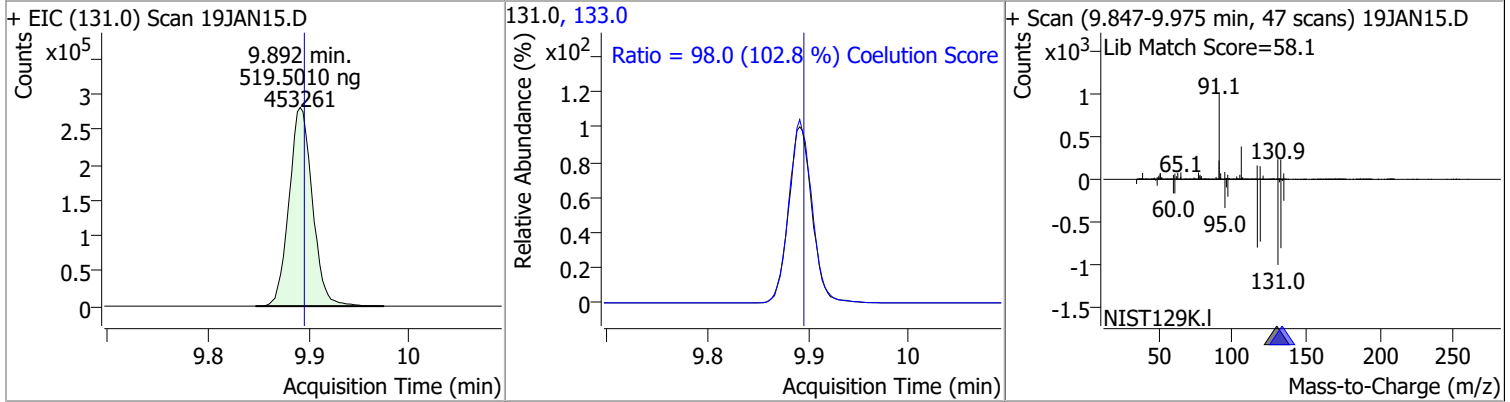


Quantitation Results Report (QT Reviewed)

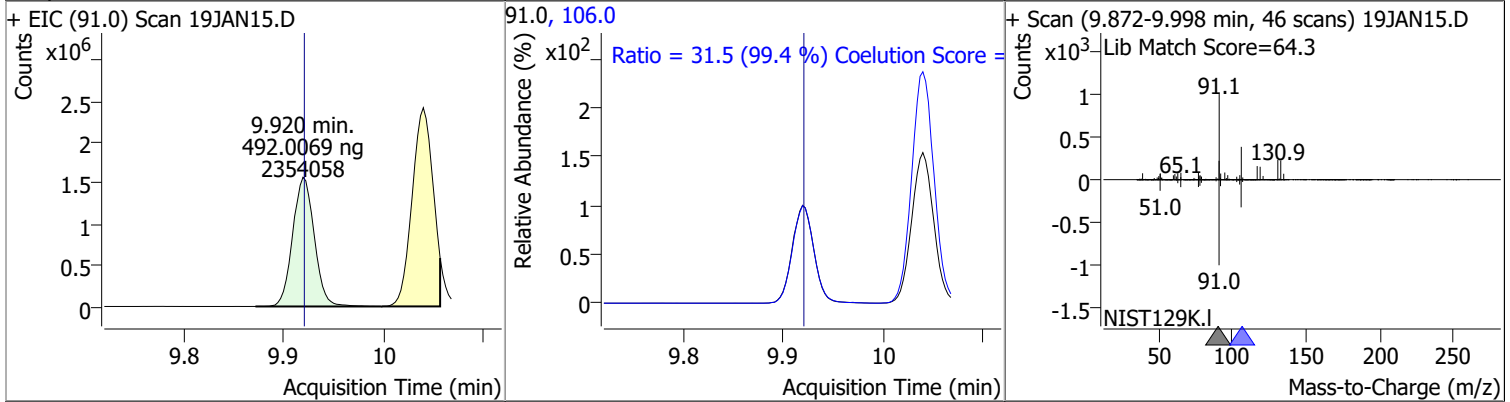
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|----------|------|----------|---------|-------|--------|-------|-------|
| Chlorobenzene | 522.0725 | 9.80 | 0.00 | 1298233 | 114.0 | 32.4 | 2.2 | 62.2 |



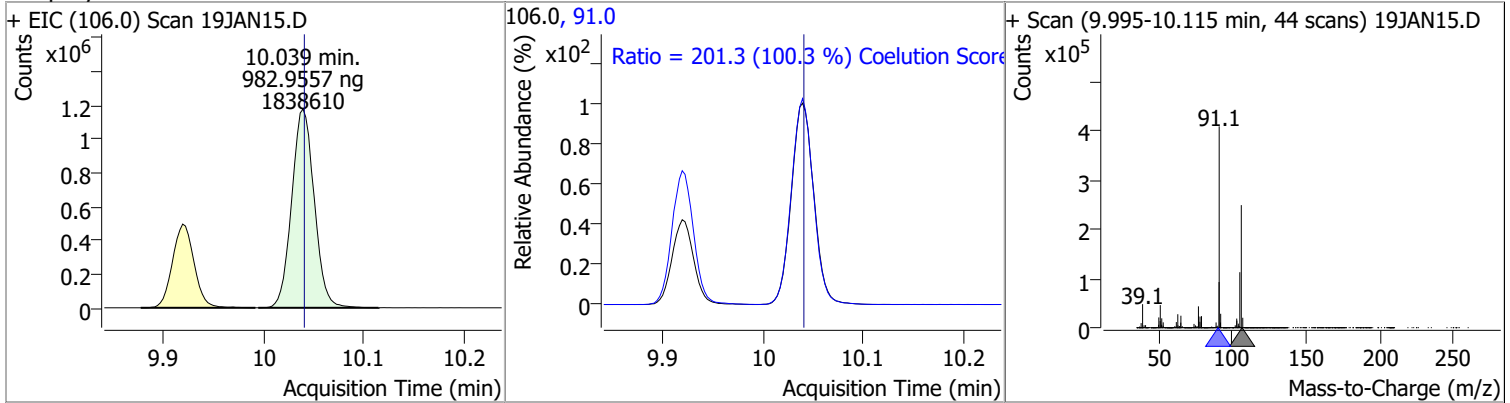
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1,1,2-Tetrachloroethane | 519.5010 | 9.89 | 0.00 | 453261 | 133.0 | 98.0 | 65.3 | 125.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|---------|-------|--------|-------|-------|
| Ethylbenzene | 492.0069 | 9.92 | 0.00 | 2354058 | 106.0 | 31.5 | 1.7 | 61.7 |

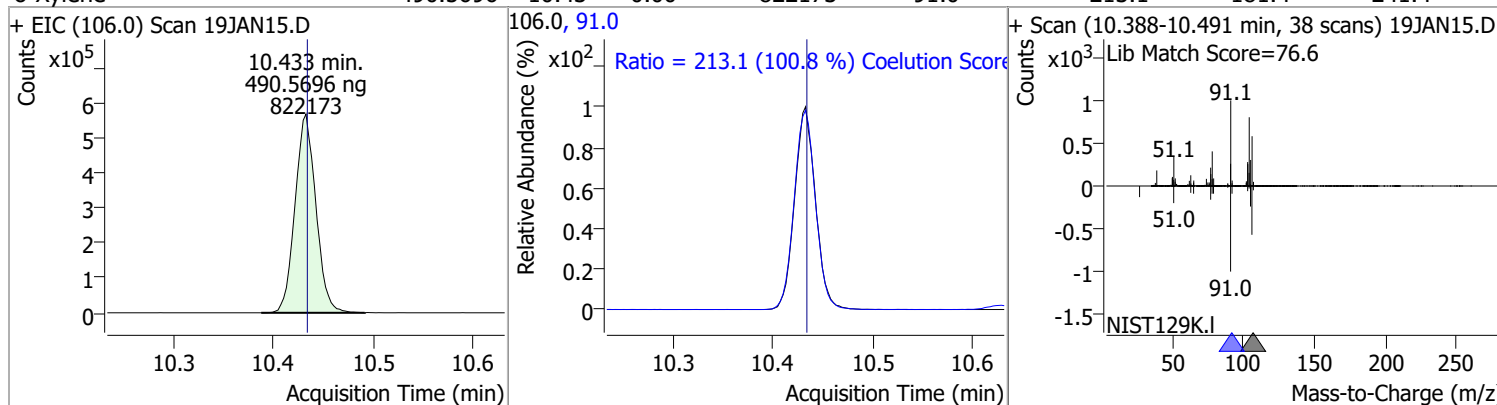


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------|----------|-------|----------|---------|------|--------|-------|-------|
| m+p-Xylenes | 982.9557 | 10.04 | 0.00 | 1838610 | 91.0 | 201.3 | 170.7 | 230.7 |

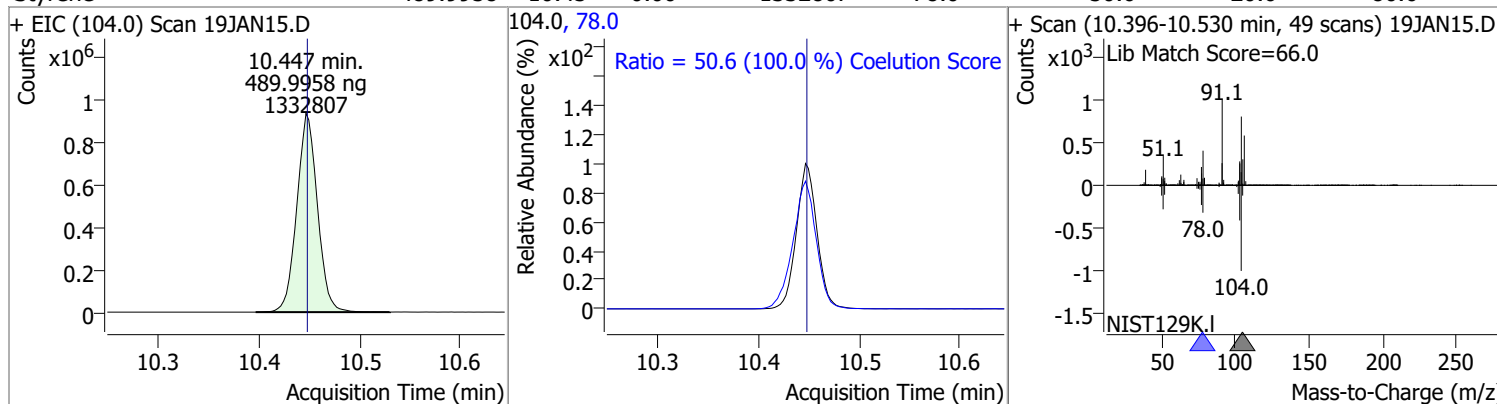


Quantitation Results Report (QT Reviewed)

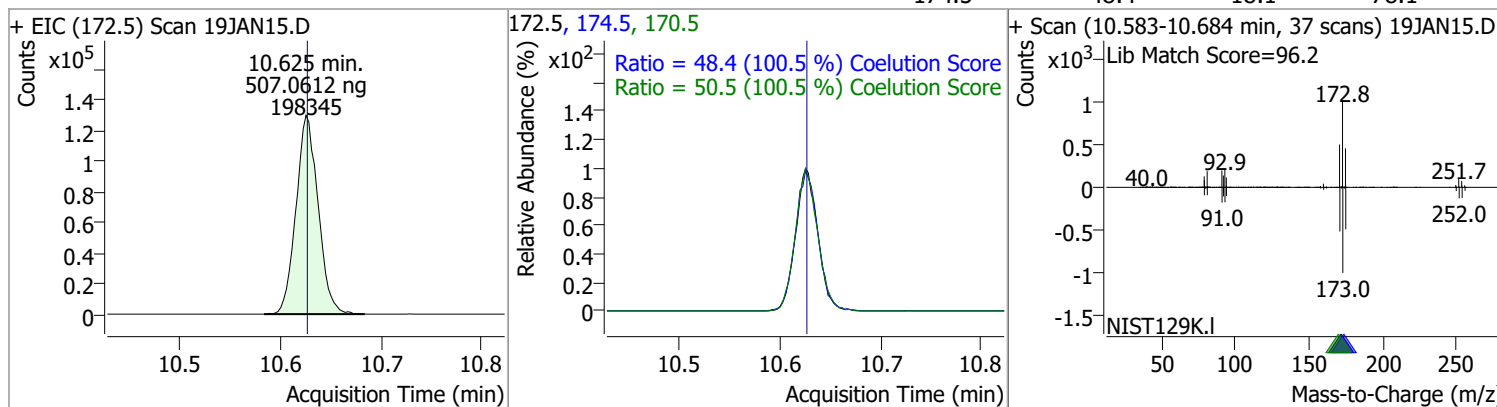
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 490.5696 | 10.43 | 0.00 | 822173 | 91.0 | 213.1 | 181.4 | 241.4 |



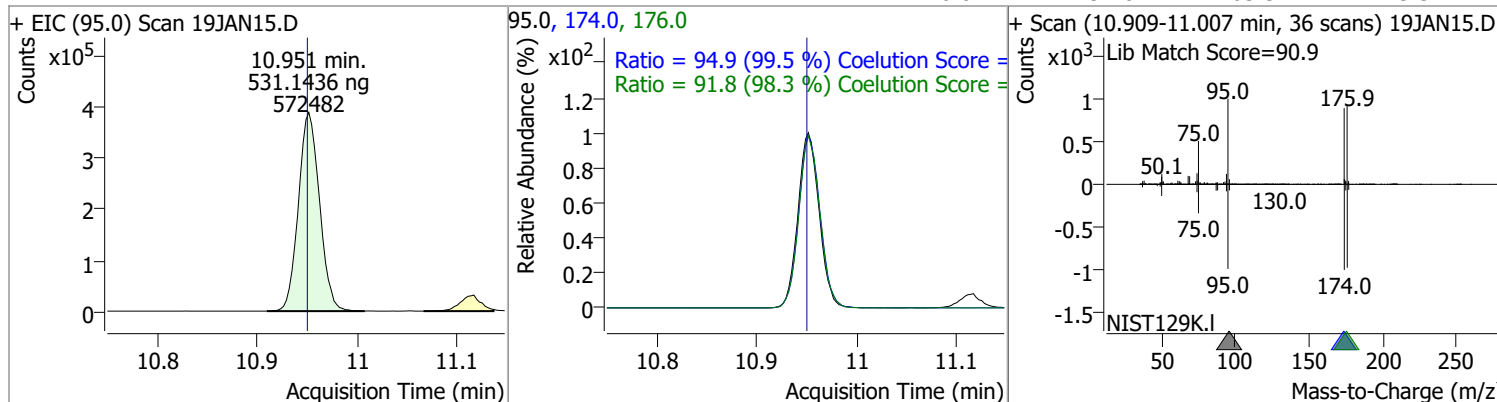
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|---------|------|--------|-------|-------|
| Styrene | 489.9958 | 10.45 | 0.00 | 1332807 | 78.0 | 50.6 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromoform | 507.0612 | 10.63 | 0.00 | 198345 | 170.5 | 50.5 | 20.3 | 80.3 |
| | | | | | 174.5 | 48.4 | 18.1 | 78.1 |

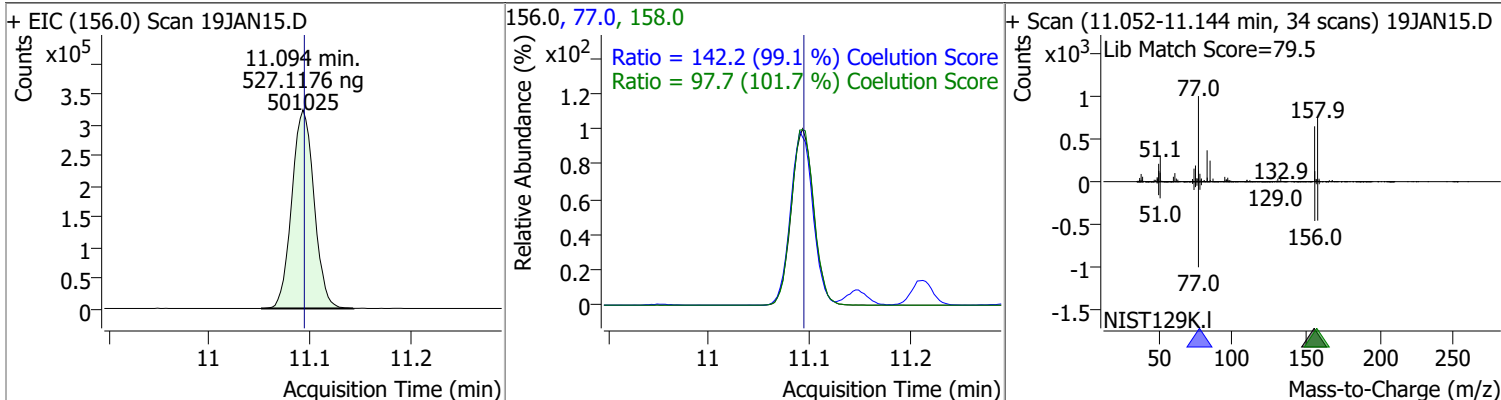


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 531.1436 | 10.95 | 0.00 | 572482 | 174.0 | 94.9 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.8 | 63.3 | 123.3 |

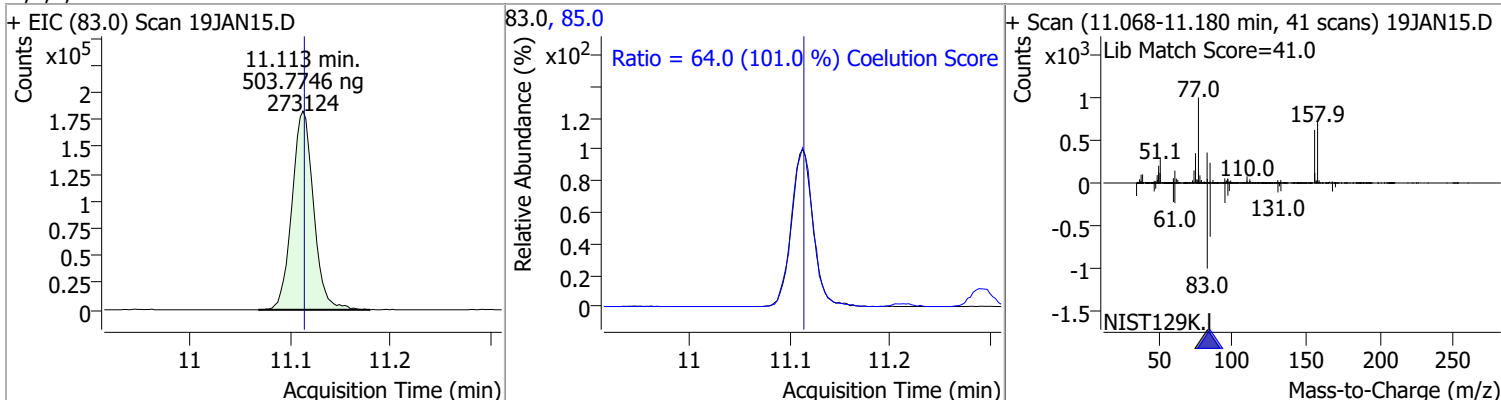


Quantitation Results Report (QT Reviewed)

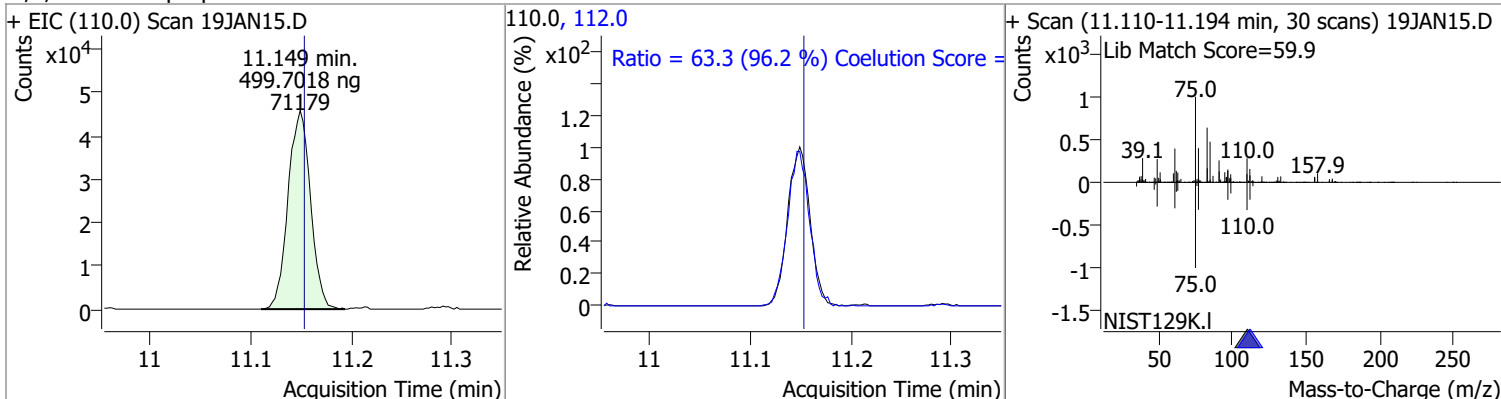
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 527.1176 | 11.09 | 0.00 | 501025 | 77.0 | 142.2 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.7 | 66.1 | 126.1 |



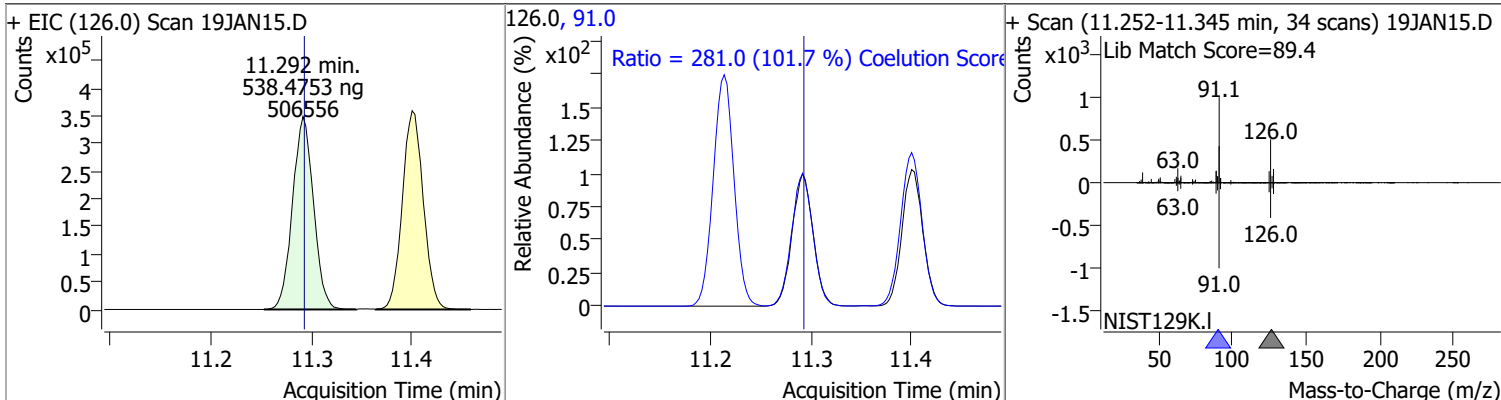
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|--------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 503.7746 | 11.11 | 0.00 | 273124 | 85.0 | 64.0 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 499.7018 | 11.15 | 0.00 | 71179 | 112.0 | 63.3 | 35.8 | 95.8 |

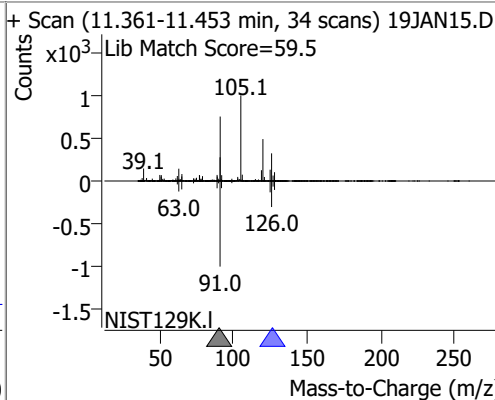
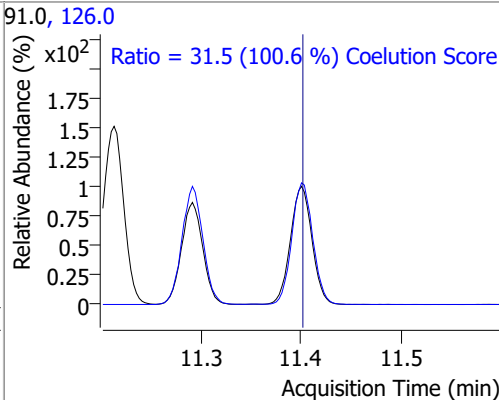
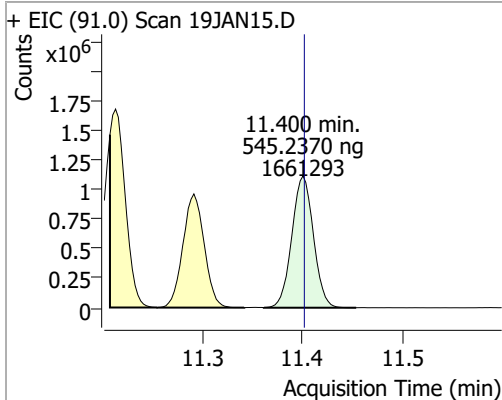


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 538.4753 | 11.29 | 0.00 | 506556 | 91.0 | 281.0 | 246.2 | 306.2 |

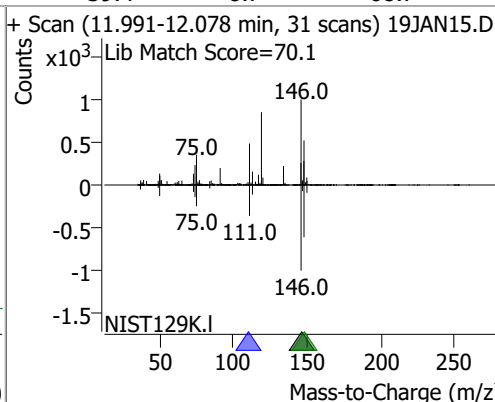
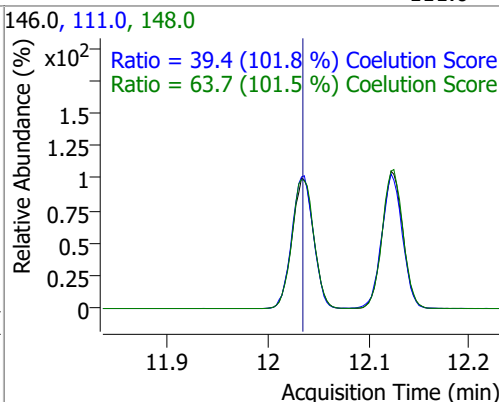
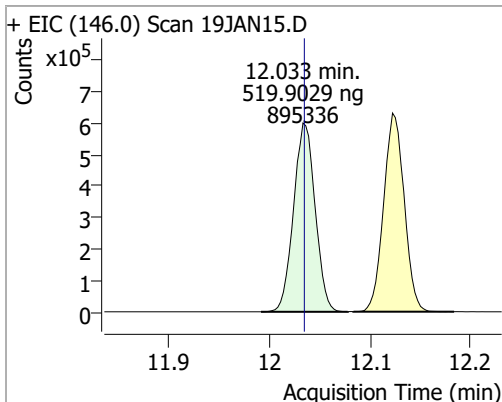


Quantitation Results Report (QT Reviewed)

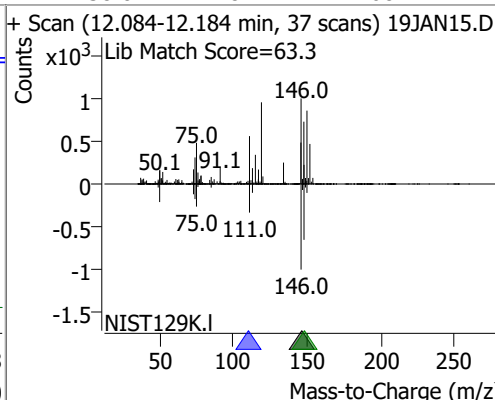
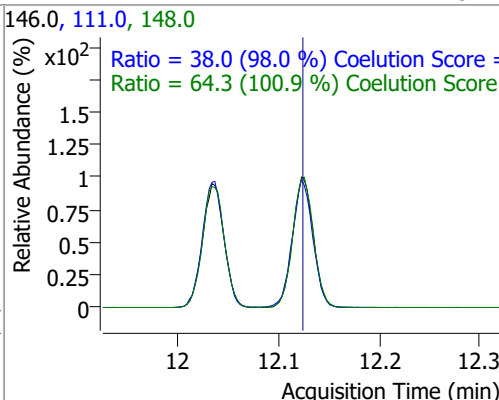
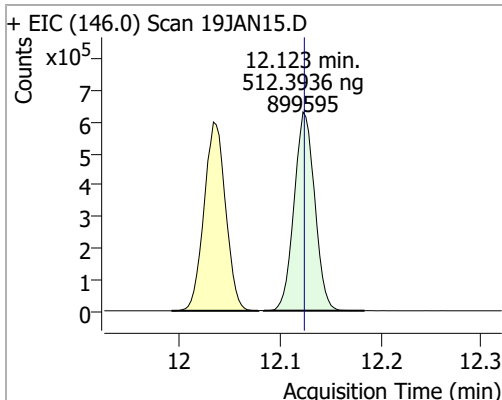
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|---------|-------|--------|-------|-------|
| 4-Chlorotoluene | 545.2370 | 11.40 | 0.00 | 1661293 | 126.0 | 31.5 | 1.3 | 61.3 |



| | | | | | | | | |
|---------------------|----------|-------|------|--------|-------|------|------|------|
| 1,3-Dichlorobenzene | 519.9029 | 12.03 | 0.00 | 895336 | 148.0 | 63.7 | 32.8 | 92.8 |
| | | | | | 111.0 | 39.4 | 8.7 | 68.7 |

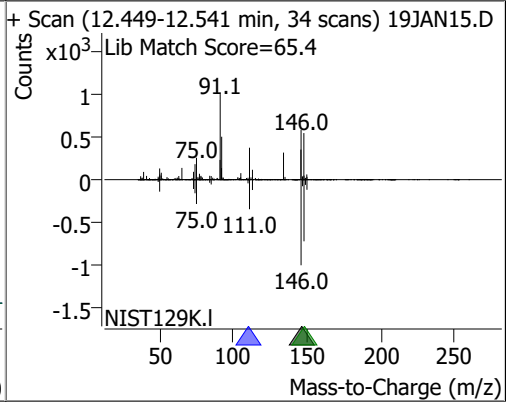
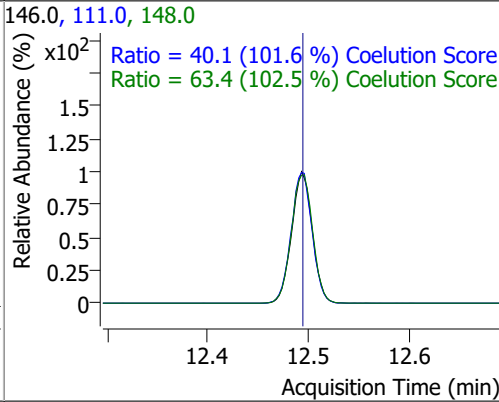
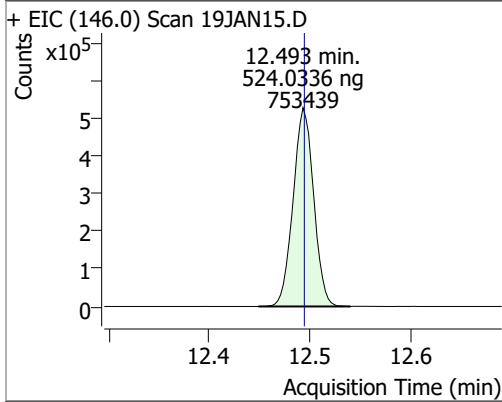


| | | | | | | | | |
|---------------------|----------|-------|------|--------|-------|------|------|------|
| 1,4-Dichlorobenzene | 512.3936 | 12.12 | 0.00 | 899595 | 148.0 | 64.3 | 33.7 | 93.7 |
| | | | | | 111.0 | 38.0 | 8.7 | 68.7 |



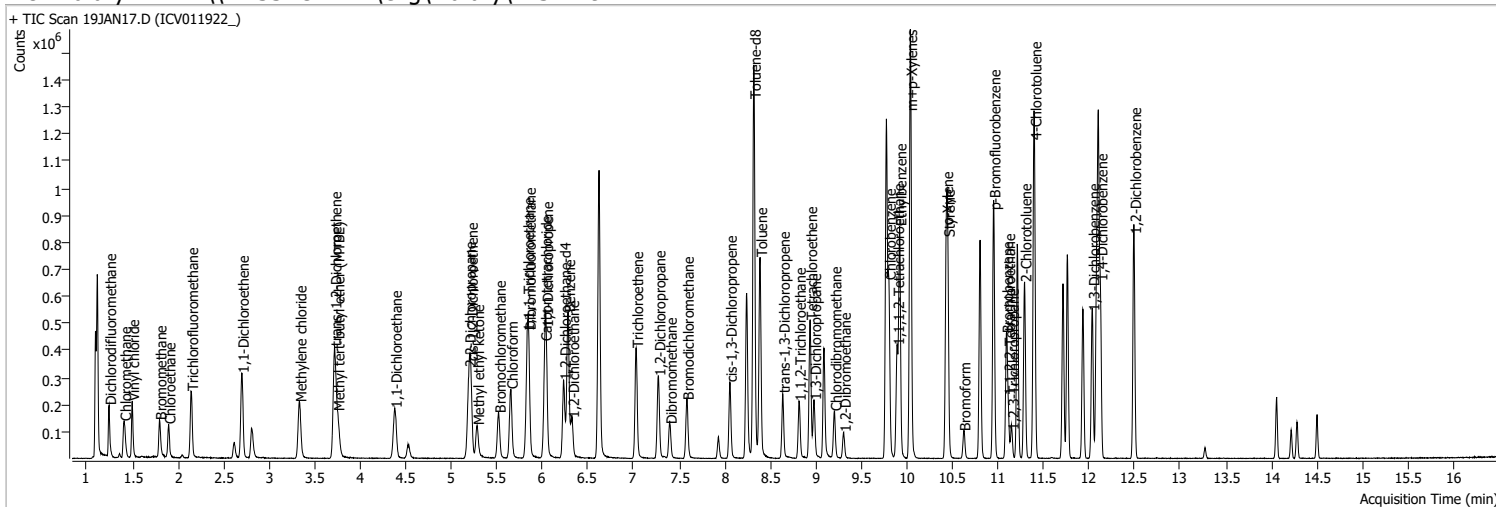
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 524.0336 | 12.49 | 0.00 | 753439 | 148.0 | 63.4 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.1 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 19JAN17.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 1/19/2022 4:42:15 PM |
| Sample Name | ICV011922_ | Instrument | VOA5975C |
| Vial | 17 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG011922_8260B.batch.bin | Last Calib Update | 1/20/2022 9:28:12 AM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



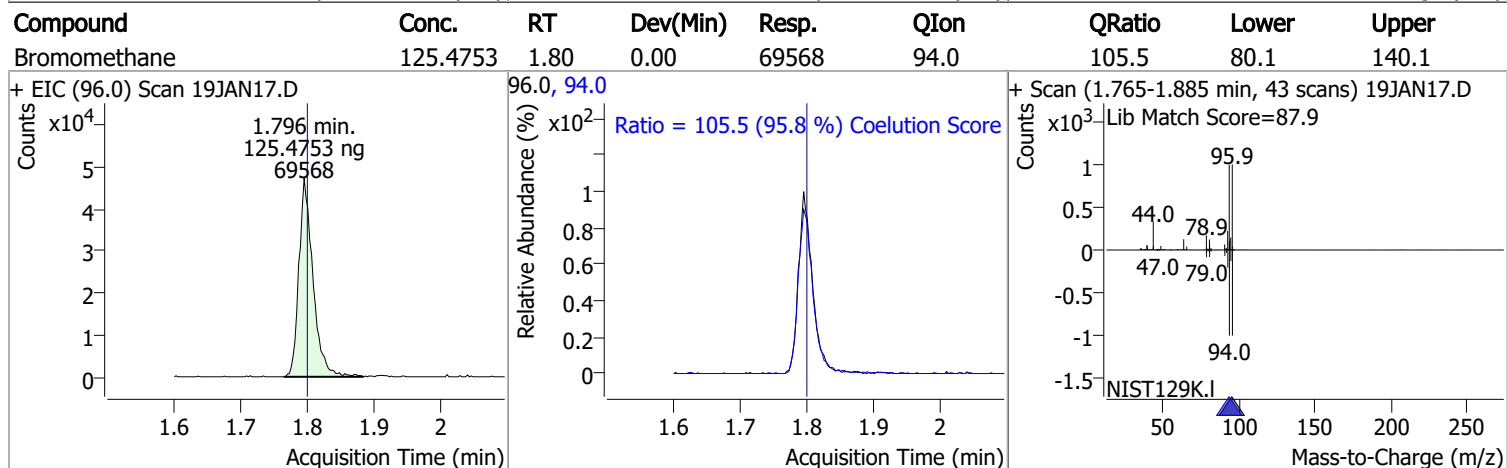
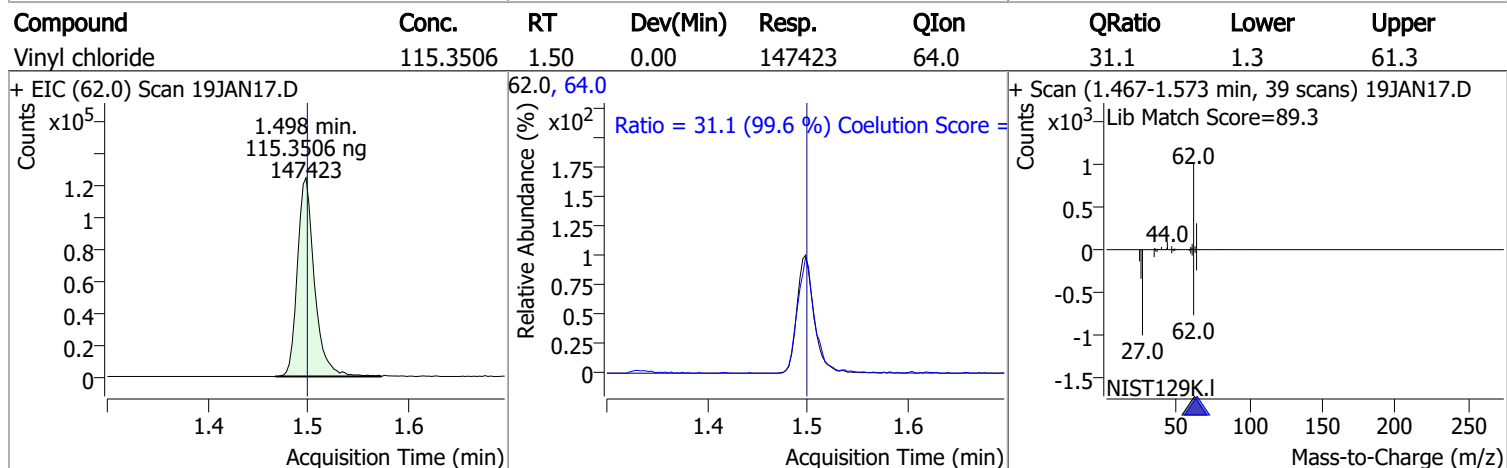
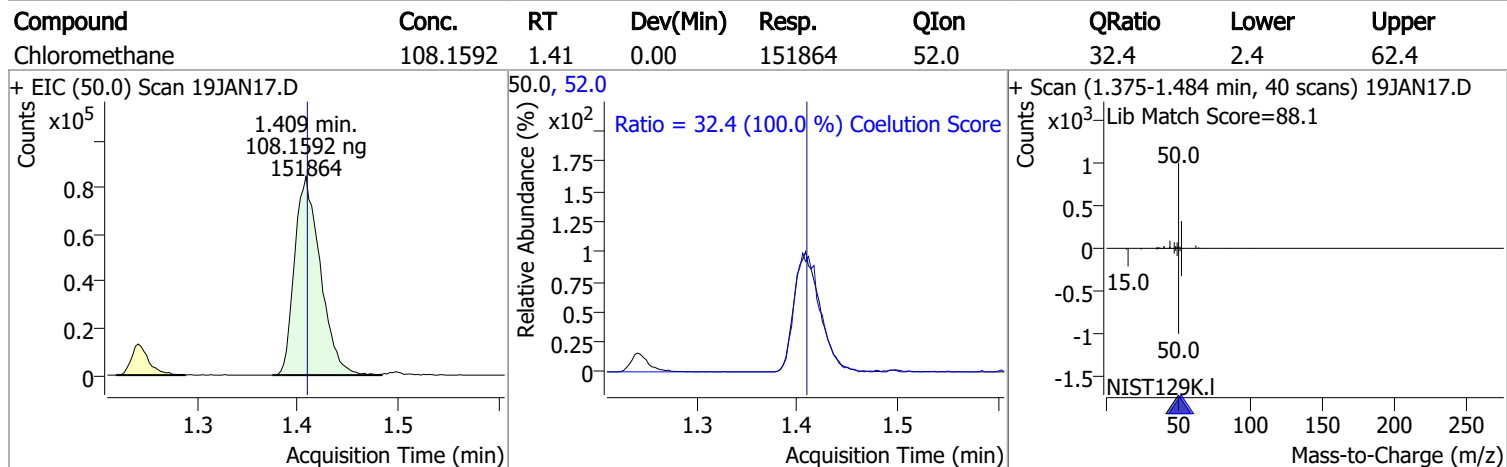
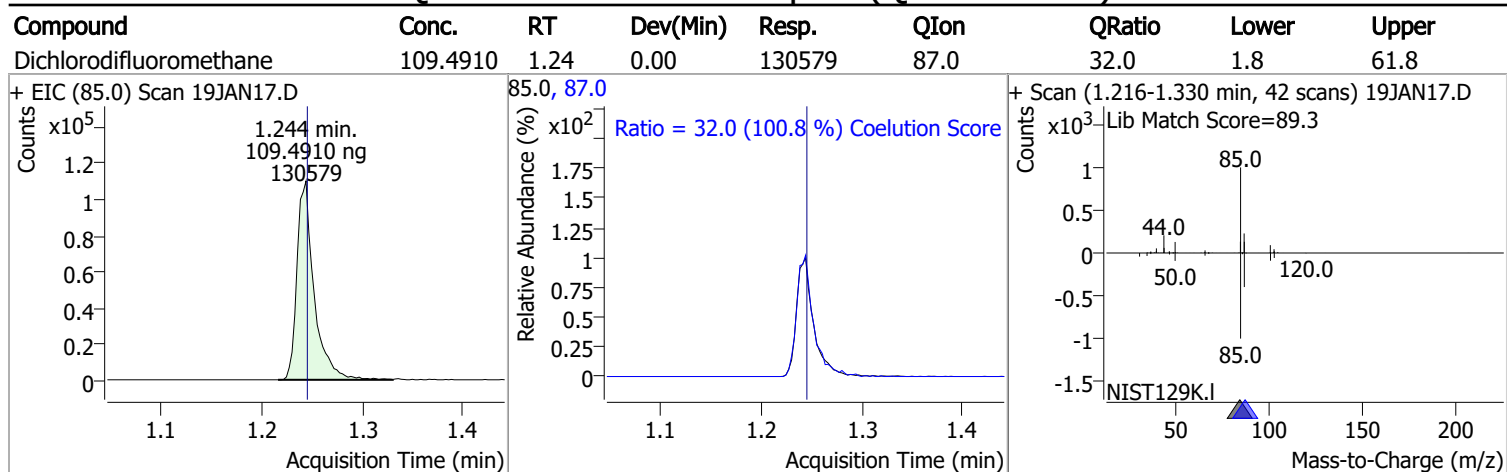
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 886938 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 337386 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 283678 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 198103 | 230.6011 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 92.24% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 100187 | 269.9755 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 107.99% | | |
| S Toluene-d8 | 8.319 | 98.0 | 896928 | 272.4962 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 109.00% | | |
| S p-Bromofluorobenzene | 10.948 | 95.0 | 270628 | 258.3795 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 103.35% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 130579 | 109.4910 | ng | 100 |
| T Chloromethane | 1.409 | 50.0 | 151864 | 108.1592 | ng | 100 |
| T Vinyl chloride | 1.498 | 62.0 | 147423 | 115.3506 | ng | 100 |
| T Bromomethane | 1.796 | 96.0 | 69568 | 125.4753 | ng | 96 |
| T Chloroethane | 1.897 | 64.0 | 77755 | 128.5925 | ng | 98 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 172504 | 112.5600 | ng | 98 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 113673 | 127.4734 | ng | 98 |
| T Methylene chloride | 3.333 | 49.0 | 152883 | 117.9185 | ng | 99 |
| T trans-1,2-Dichloroethene | 3.718 | 96.0 | 115302 | 125.1632 | ng | 98 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 150210 | 130.4584 | ng | 99 |
| T 1,1-Dichloroethane | 4.378 | 63.0 | 218409 | 126.6815 | ng | 98 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 169689 | 130.6017 | ng | 95 |
| T cis-1,2-Dichloroethene | 5.212 | 96.0 | 118223 | 126.7481 | ng | 97 |
| T Methyl ethyl ketone | 5.282 | 43.0 | 160409 | 1190.0139 | ng | 98 |
| T Bromochloromethane | 5.519 | 128.0 | 45441 | 118.1582 | ng | 93 |
| T Chloroform | 5.653 | 83.0 | 199758 | 116.0406 | ng | 99 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.831 | 97.0 | 195526 | 123.1032 | ng | 98 |
| T Carbon tetrachloride | 6.024 | 117.0 | 187895 | 121.9742 | ng | 99 |
| T 1,1-Dichloropropene | 6.040 | 75.0 | 158033 | 122.6990 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 442173 | 124.7960 | ng | 100 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 110579 | 112.9931 | ng | 99 |
| T Trichloroethene | 7.028 | 95.0 | 128332 | 127.0550 | ng | 96 |
| T 1,2-Dichloropropane | 7.273 | 63.0 | 111240 | 125.2628 | ng | 98 |
| T Dibromomethane | 7.399 | 93.0 | 44818 | 119.7325 | ng | 97 |
| T Bromodichloromethane | 7.583 | 83.0 | 131590 | 125.0178 | ng | 98 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 139981 | 121.1938 | ng | 99 |
| T Toluene | 8.389 | 92.0 | 277703 | 126.5738 | ng | 97 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 105873 | 125.6654 | ng | 97 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 52407 | 122.3326 | ng | 95 |
| T Tetrachloroethene | 8.938 | 163.8 | 112100 | 126.0005 | ng | 100 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 99920 | 115.2581 | ng | 98 |
| T Chlorodibromomethane | 9.206 | 129.0 | 81909 | 118.7188 | ng | 99 |
| T 1,2-Dibromoethane | 9.306 | 107.0 | 58586 | 123.8219 | ng | 98 |
| T Chlorobenzene | 9.802 | 112.0 | 307100 | 127.6842 | ng | 98 |
| T 1,1,1,2-Tetrachloroethane | 9.892 | 131.0 | 102231 | 121.1435 | ng | 99 |
| T Ethylbenzene | 9.919 | 91.0 | 535079 | 127.5512 | ng | 98 |
| T m+p-Xylenes | 10.037 | 106.0 | 413361 | 247.6085 | ng | 99 |
| T o-Xylene | 10.430 | 106.0 | 184033 | 125.9585 | ng | 98 |
| T Styrene | 10.449 | 104.0 | 306077 | 126.6563 | ng | 100 |
| T Bromoform | 10.622 | 172.5 | 45029 | 118.4586 | ng | 97 |
| T Bromobenzene | 11.091 | 156.0 | 118930 | 128.7582 | ng | 100 |
| T 1,1,2,2-Tetrachloroethane | 11.110 | 83.0 | 65177 | 123.7103 | ng | 100 |
| T 1,2,3-Trichloropropane | 11.152 | 110.0 | 16507 | 119.2511 | ng | 99 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 117036 | 128.0245 | ng | 96 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 395846 | 133.6905 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.036 | 146.0 | 214054 | 127.9071 | ng | 98 |
| T 1,4-Dichlorobenzene | 12.122 | 146.0 | 216533 | 126.9159 | ng | 100 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 177148 | 126.7893 | ng | 98 |

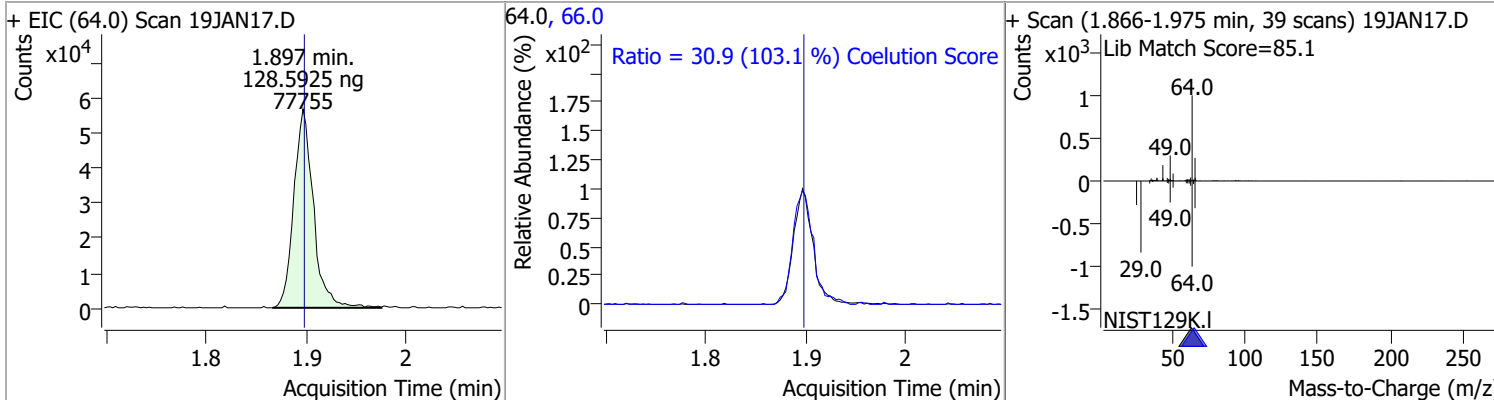
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

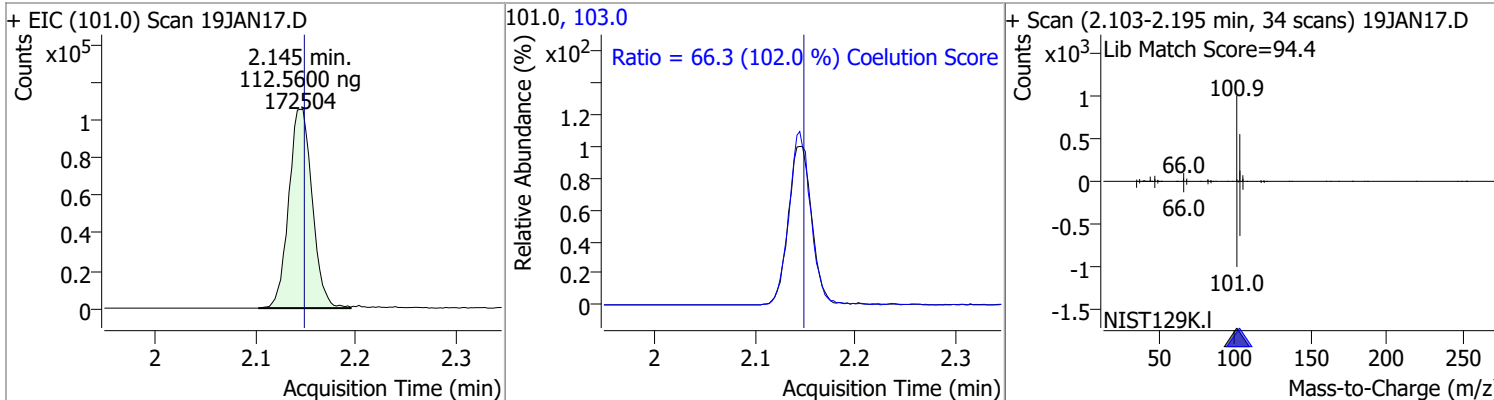


Quantitation Results Report (QT Reviewed)

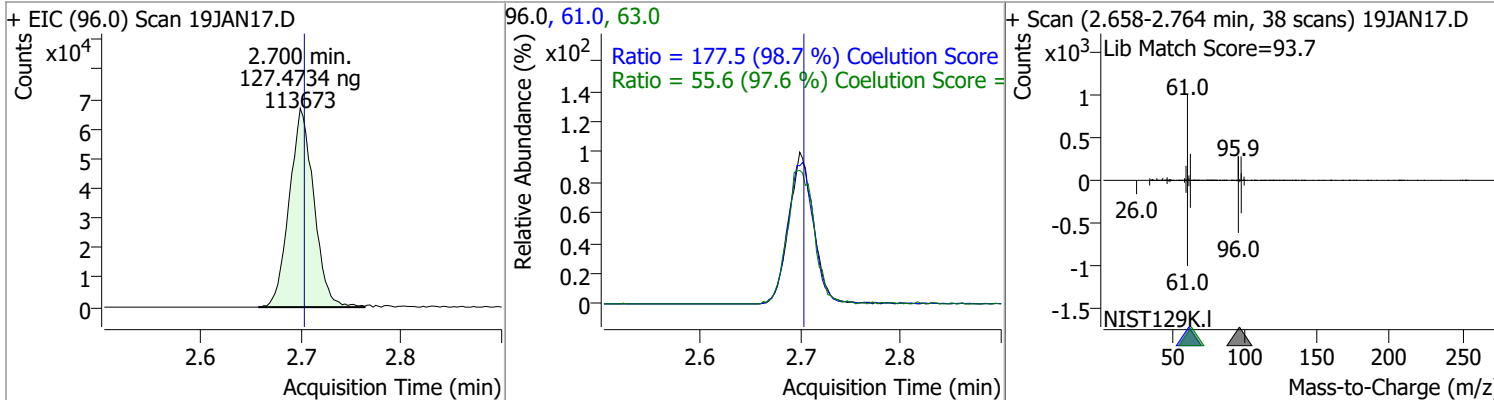
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 128.5925 | 1.90 | 0.00 | 77755 | 66.0 | 30.9 | 0.0 | 60.0 |



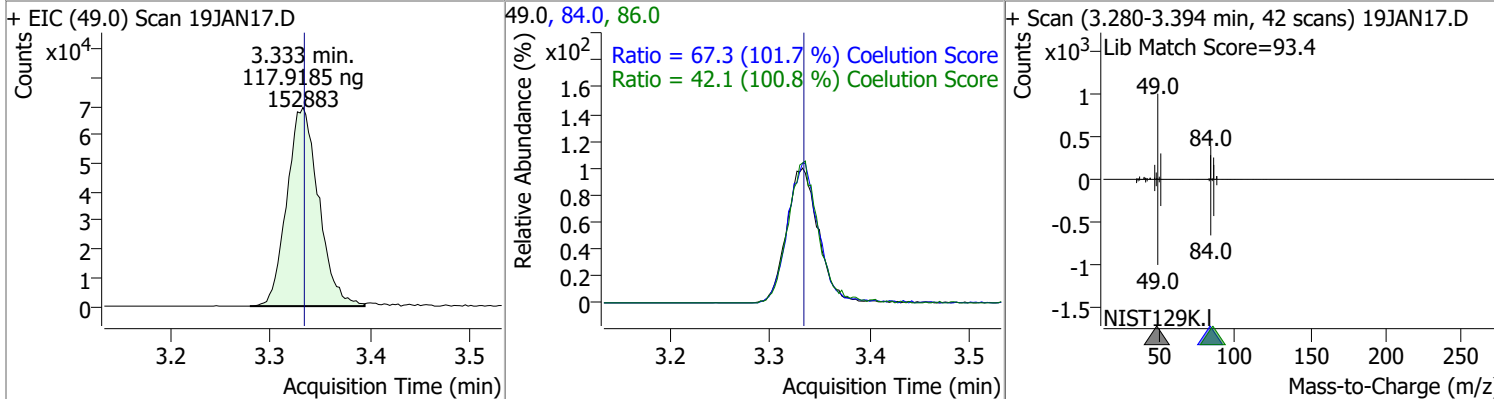
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 112.5600 | 2.14 | 0.00 | 172504 | 103.0 | 66.3 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 127.4734 | 2.70 | 0.00 | 113673 | 61.0 | 177.5 | 149.9 | 209.9 |
| | | | | | 63.0 | 55.6 | 27.0 | 87.0 |

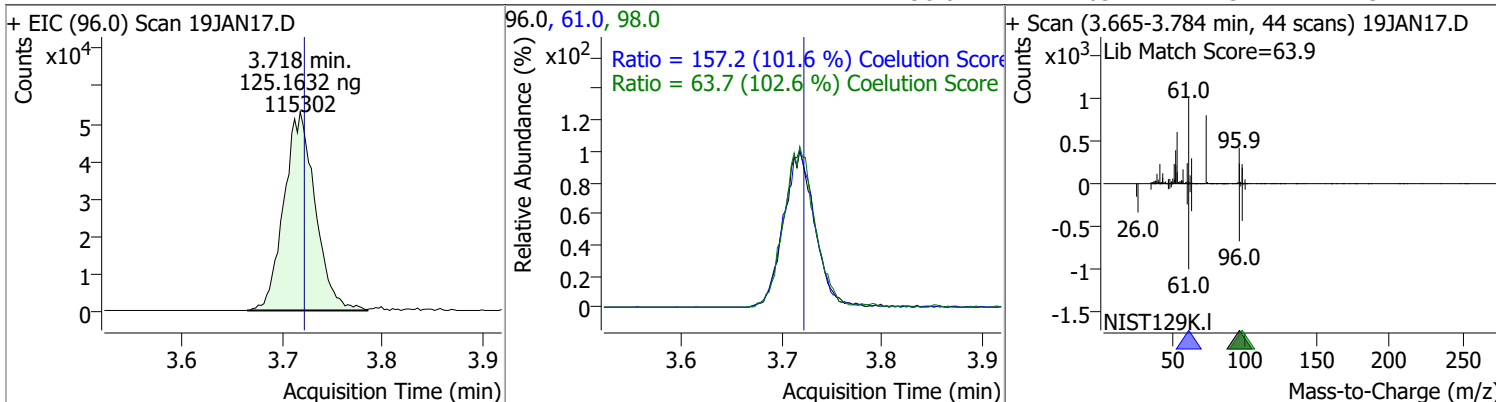


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 117.9185 | 3.33 | 0.00 | 152883 | 84.0 | 67.3 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.1 | 11.8 | 71.8 |

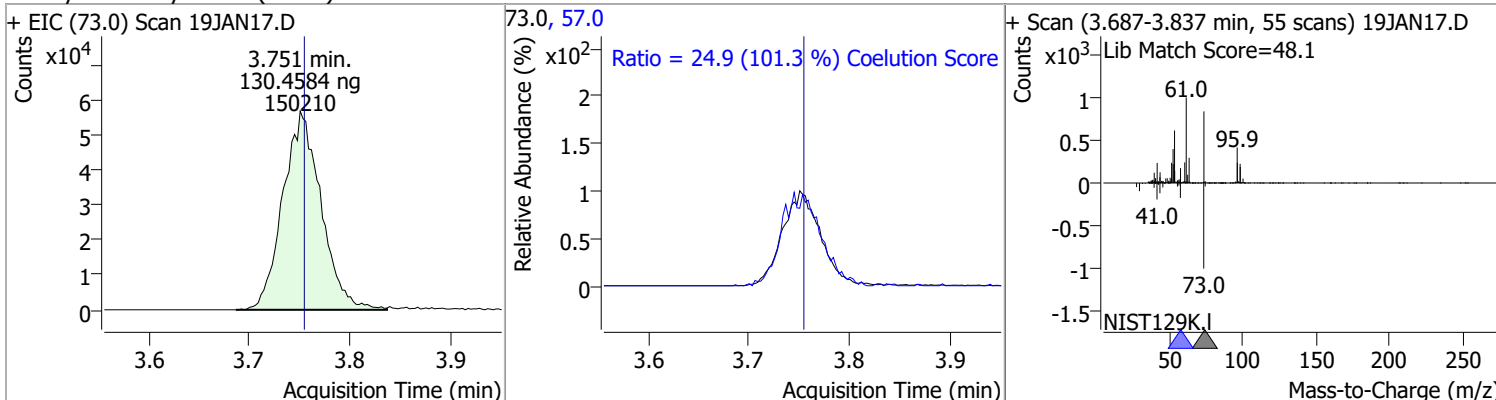


Quantitation Results Report (QT Reviewed)

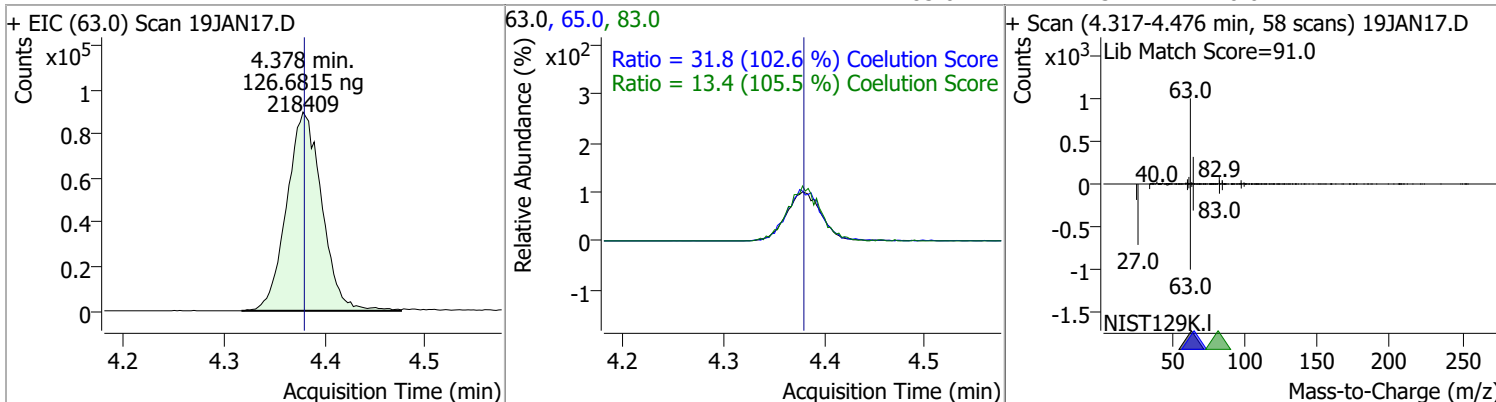
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 125.1632 | 3.72 | 0.00 | 115302 | 61.0 | 157.2 | 124.8 | 184.8 |
| | | | | | 98.0 | 63.7 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 130.4584 | 3.75 | 0.00 | 150210 | 57.0 | 24.9 | 0.0 | 54.6 |

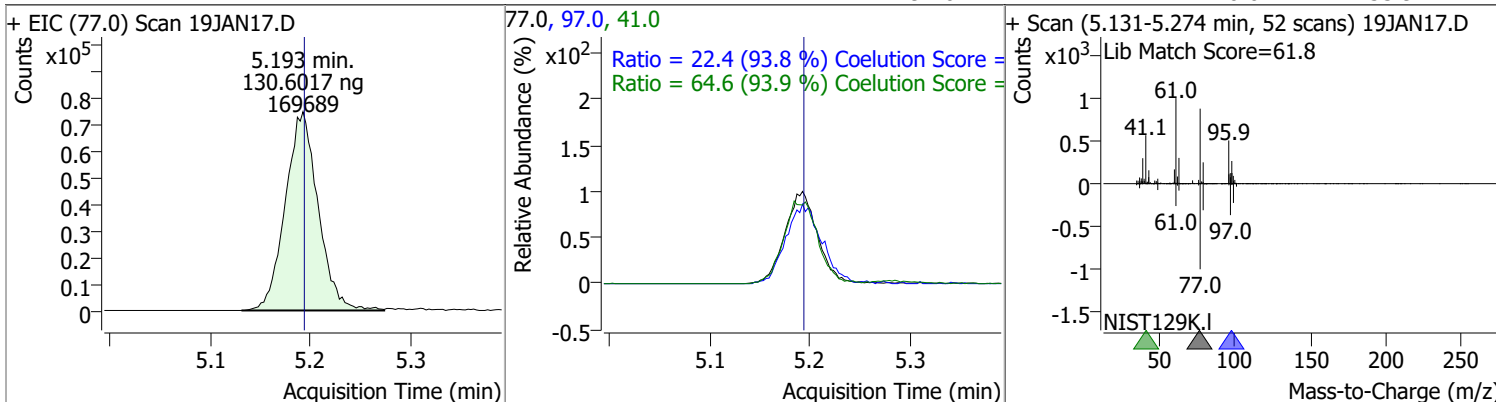


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 126.6815 | 4.38 | 0.00 | 218409 | 65.0 | 31.8 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.4 | 0.0 | 42.7 |

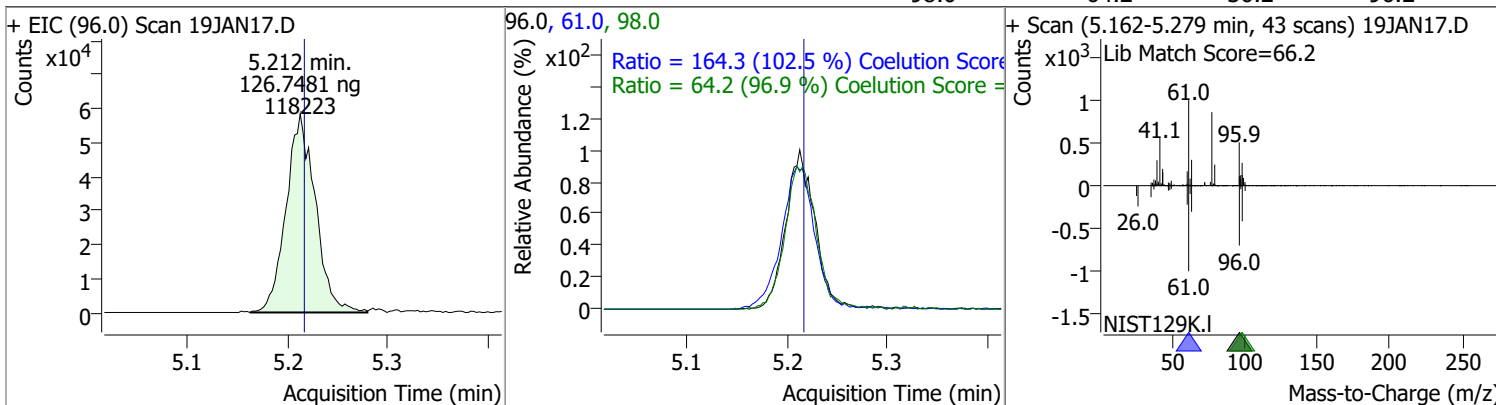


Quantitation Results Report (QT Reviewed)

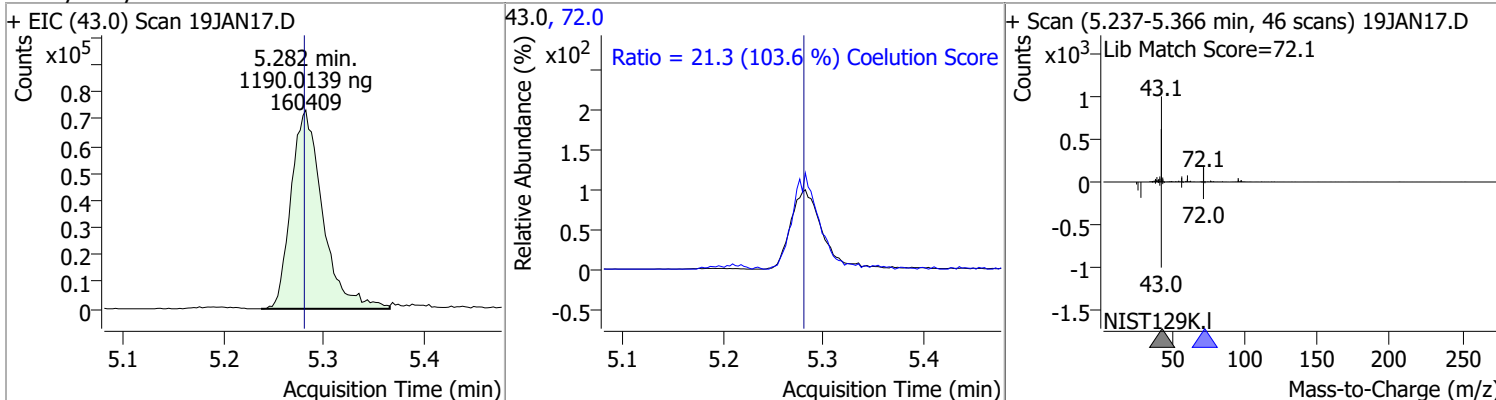
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 130.6017 | 5.19 | 0.00 | 169689 | 41.0 | 64.6 | 38.8 | 98.8 |
| | | | | | 97.0 | 22.4 | 0.0 | 53.9 |



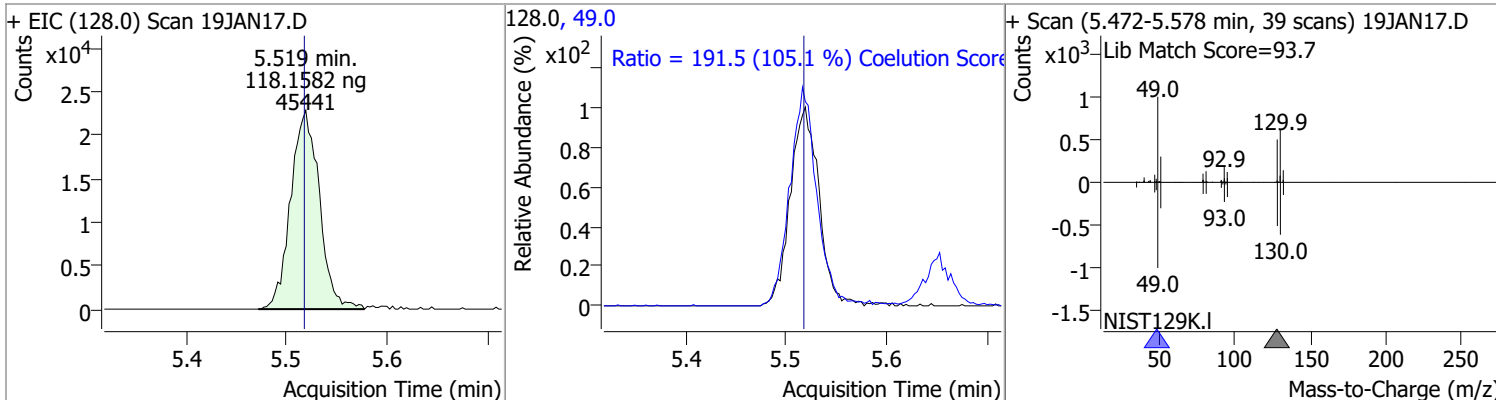
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 126.7481 | 5.21 | 0.00 | 118223 | 61.0 | 164.3 | 130.4 | 190.4 |
| | | | | | 98.0 | 64.2 | 36.2 | 96.2 |



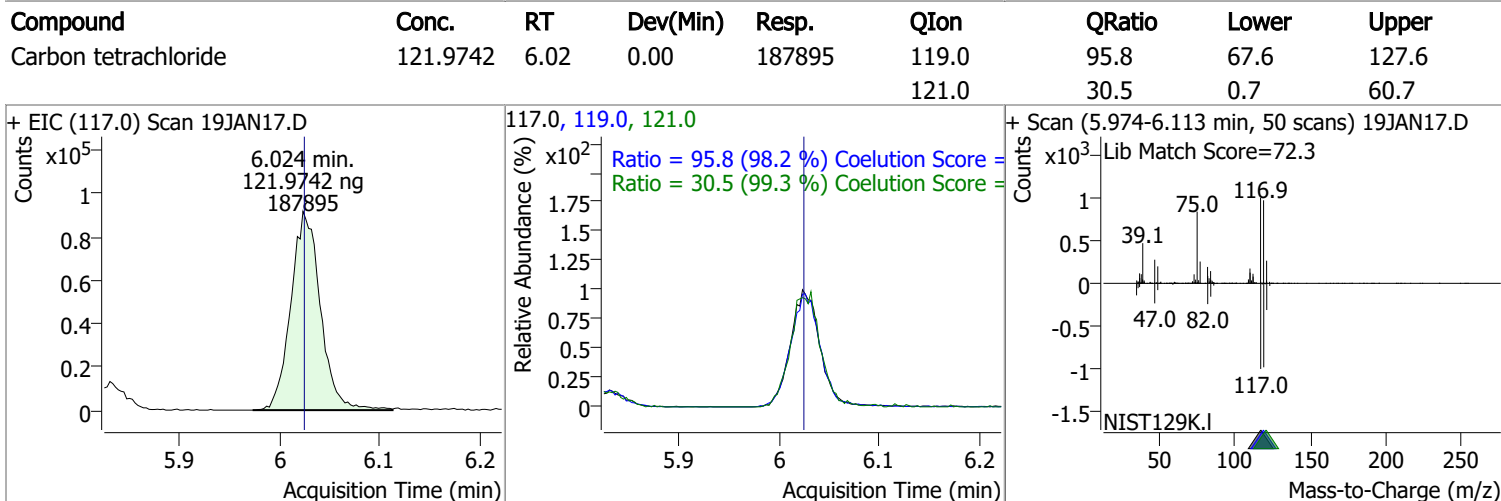
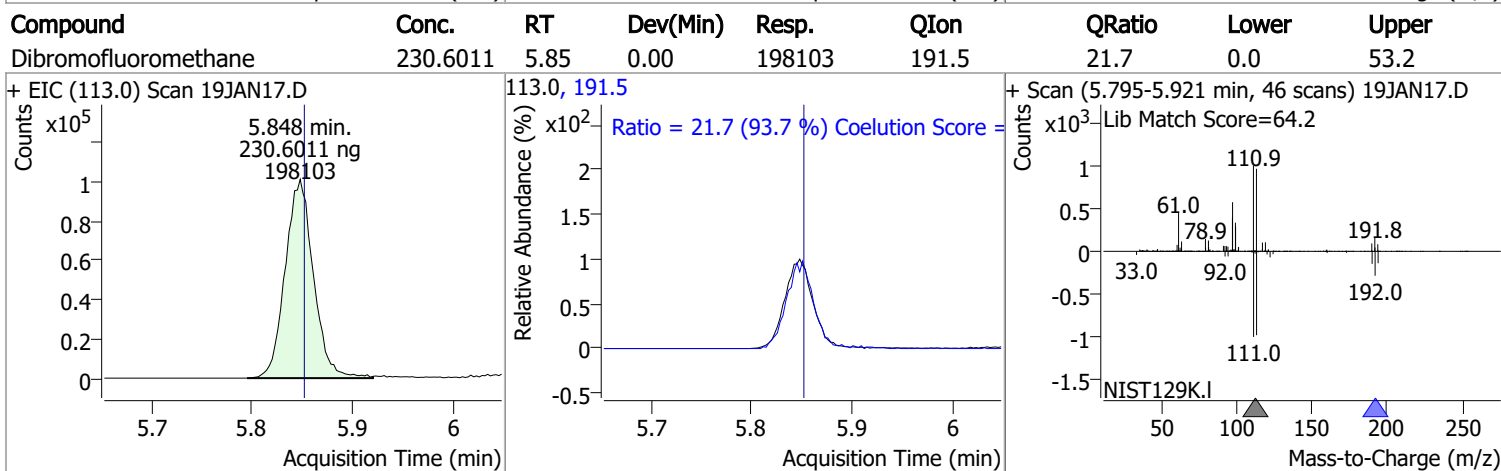
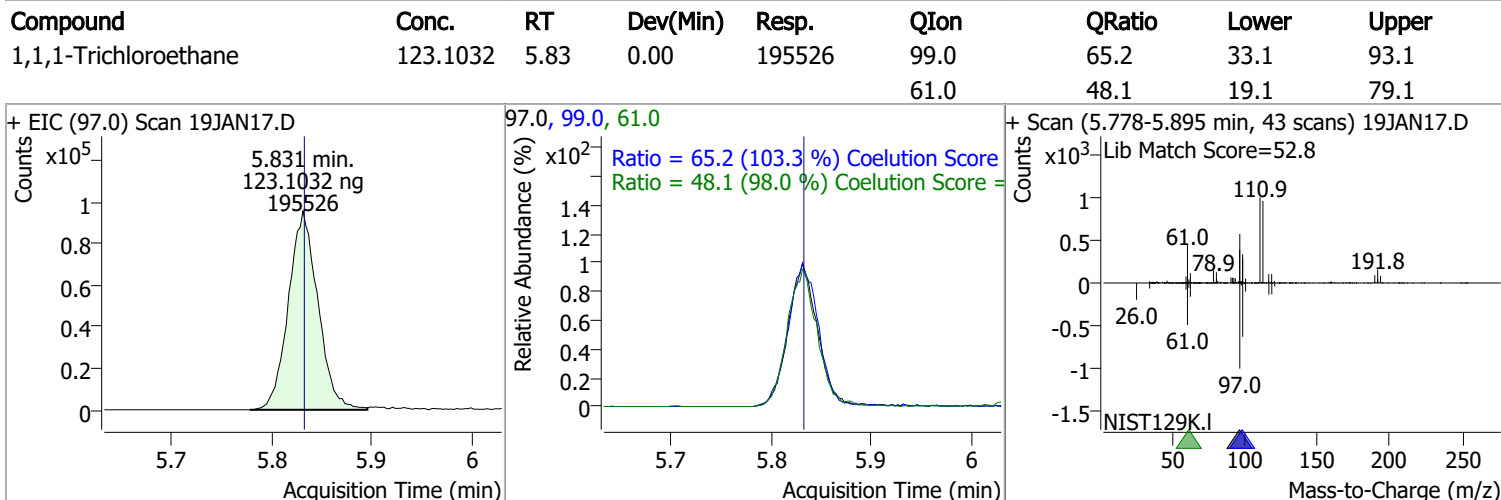
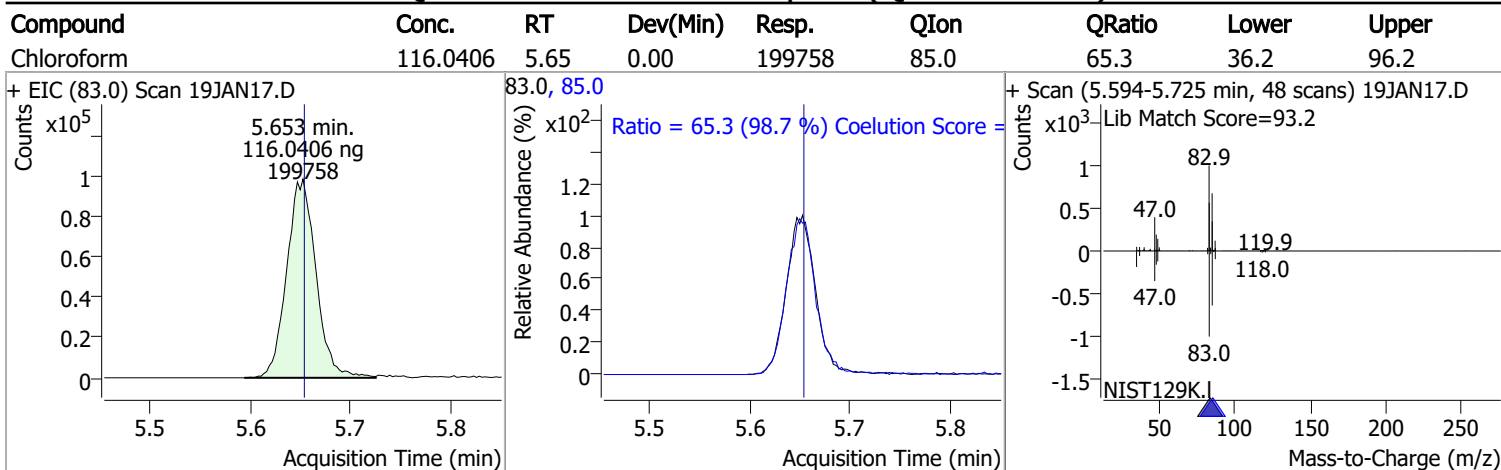
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1190.0139 | 5.28 | 0.00 | 160409 | 72.0 | 21.3 | 0.0 | 50.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 118.1582 | 5.52 | 0.00 | 45441 | 49.0 | 191.5 | 152.2 | 212.2 |

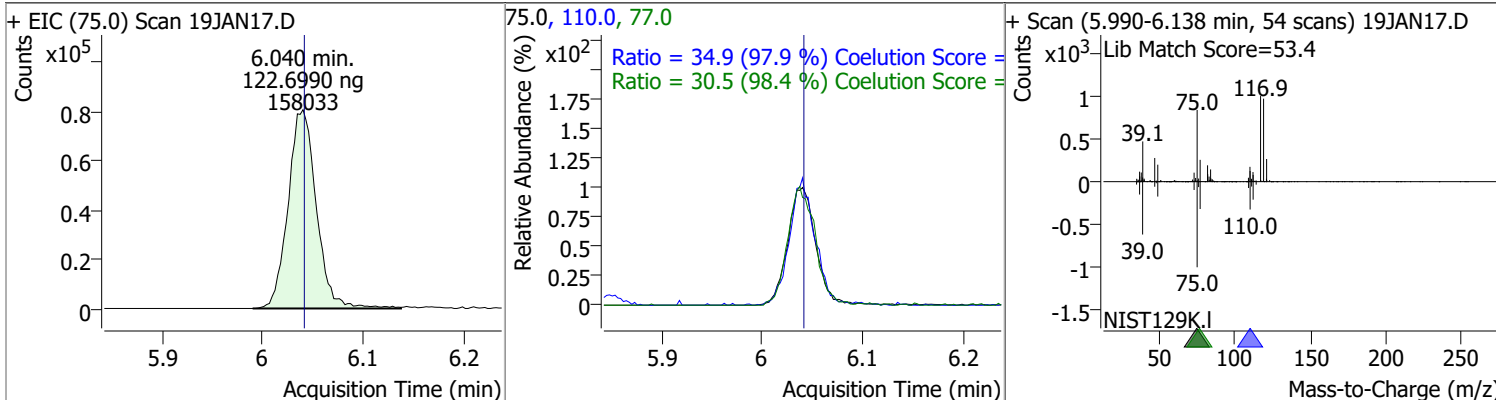


Quantitation Results Report (QT Reviewed)

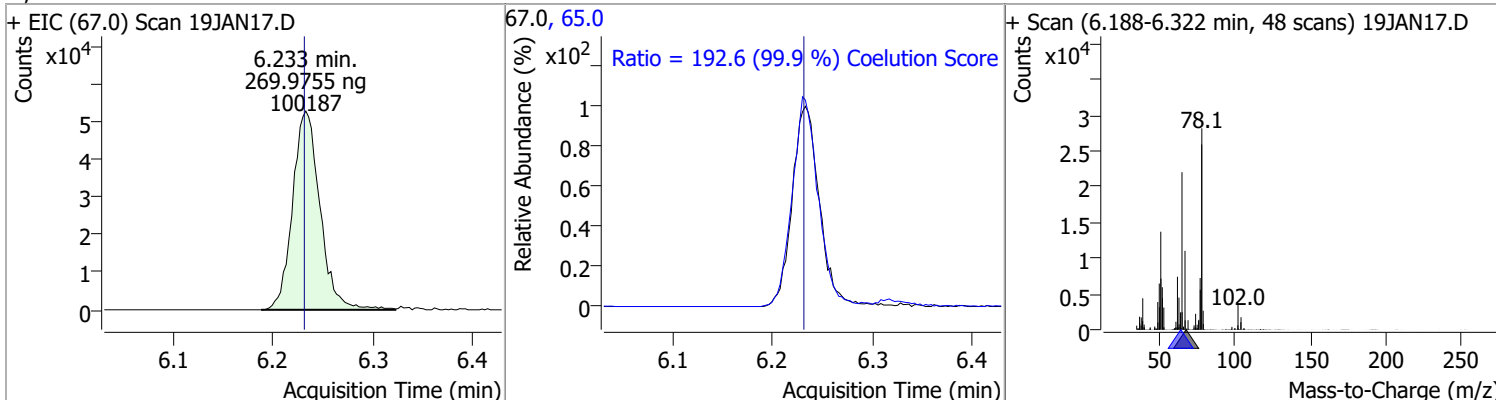


Quantitation Results Report (QT Reviewed)

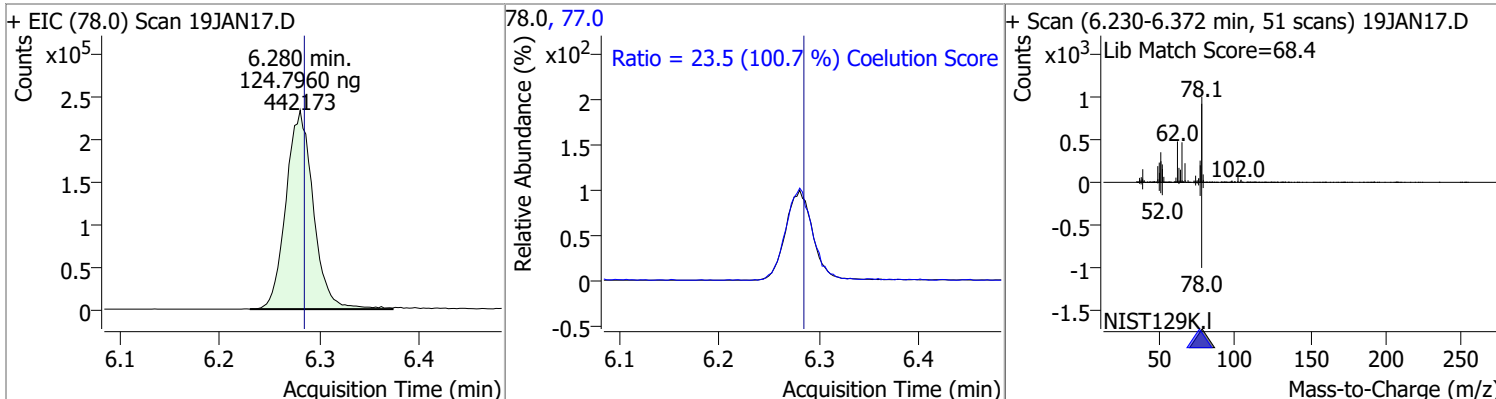
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 122.6990 | 6.04 | 0.00 | 158033 | 110.0 | 34.9 | 5.6 | 65.6 |
| | | | | | 77.0 | 30.5 | 1.0 | 61.0 |



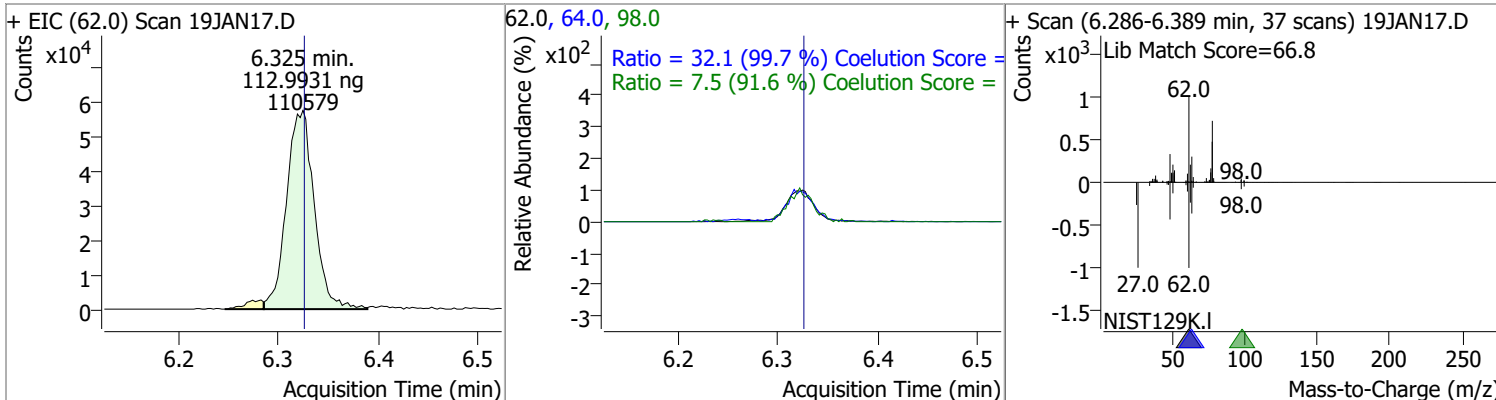
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 269.9755 | 6.23 | 0.00 | 100187 | 65.0 | 192.6 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 124.7960 | 6.28 | 0.00 | 442173 | 77.0 | 23.5 | 0.0 | 53.3 |

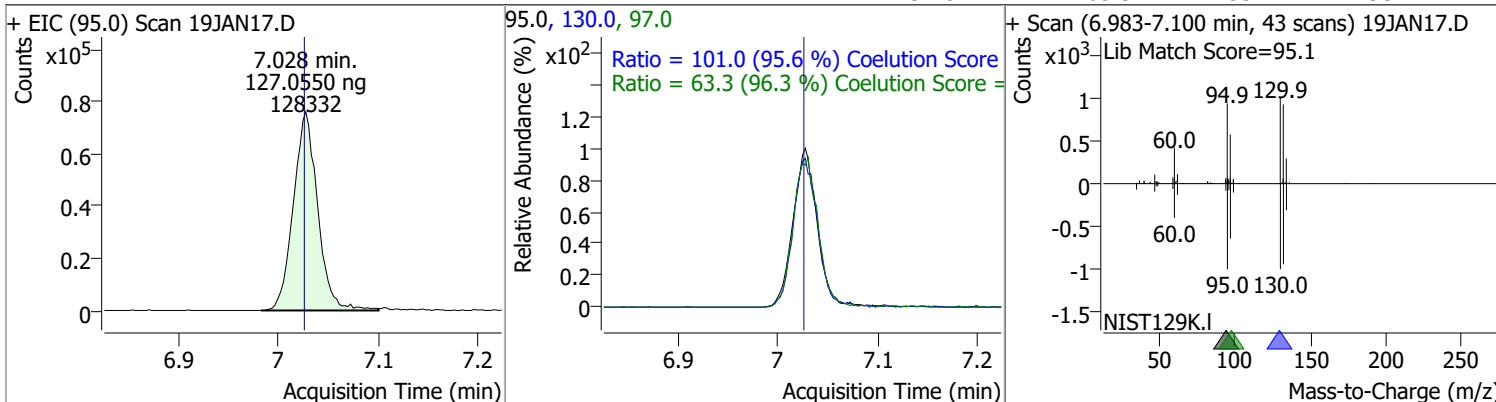


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 112.9931 | 6.32 | 0.00 | 110579 | 64.0 | 32.1 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.5 | 0.0 | 38.2 |

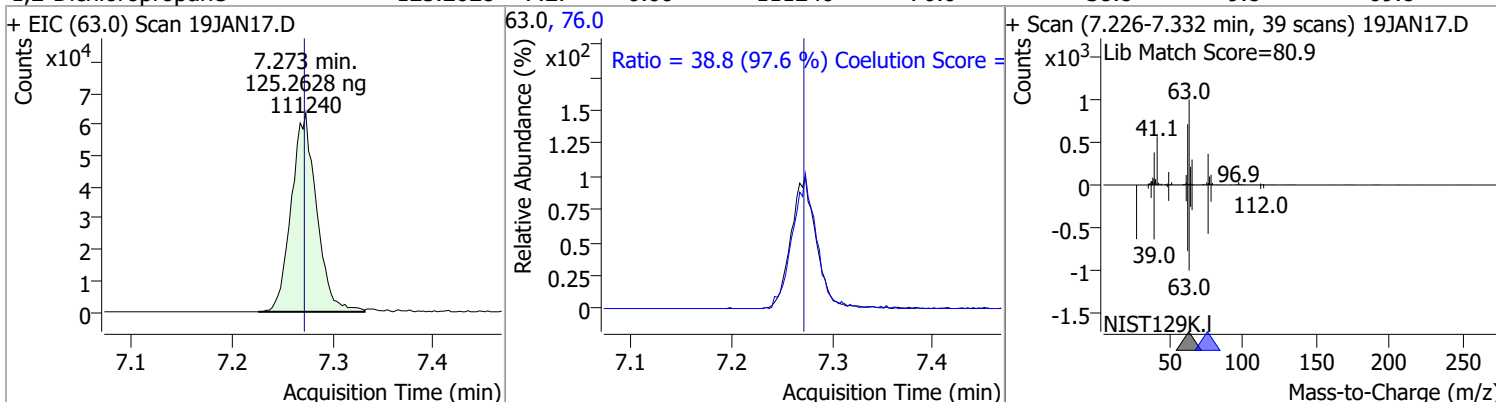


Quantitation Results Report (QT Reviewed)

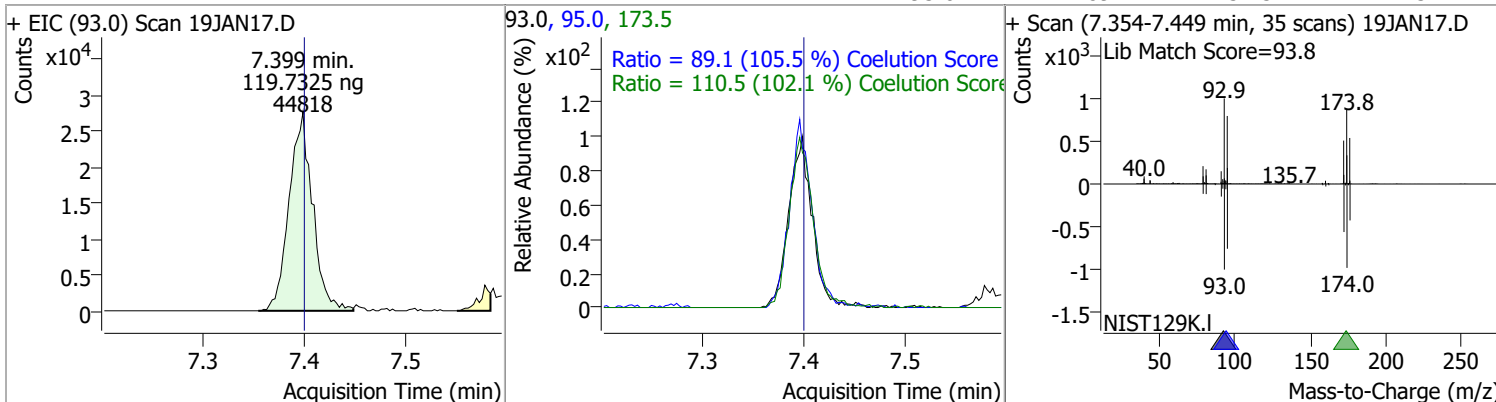
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 127.0550 | 7.03 | 0.00 | 128332 | 130.0 | 101.0 | 75.6 | 135.6 |
| | | | | | 97.0 | 63.3 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 125.2628 | 7.27 | 0.00 | 111240 | 76.0 | 38.8 | 9.8 | 69.8 |

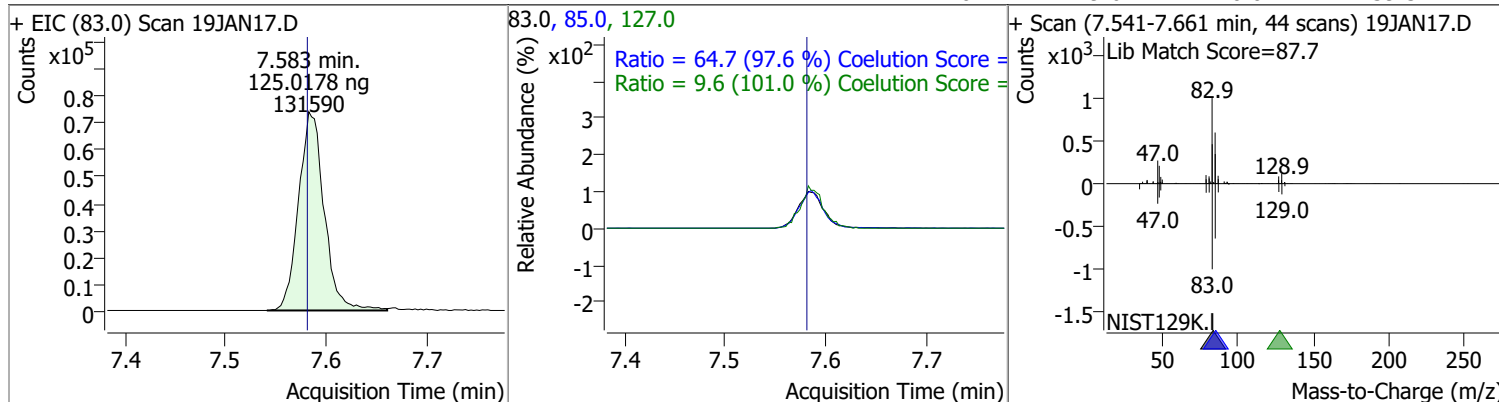


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 119.7325 | 7.40 | 0.00 | 44818 | 173.5 | 110.5 | 78.2 | 138.2 |
| | | | | | 95.0 | 89.1 | 54.5 | 114.5 |

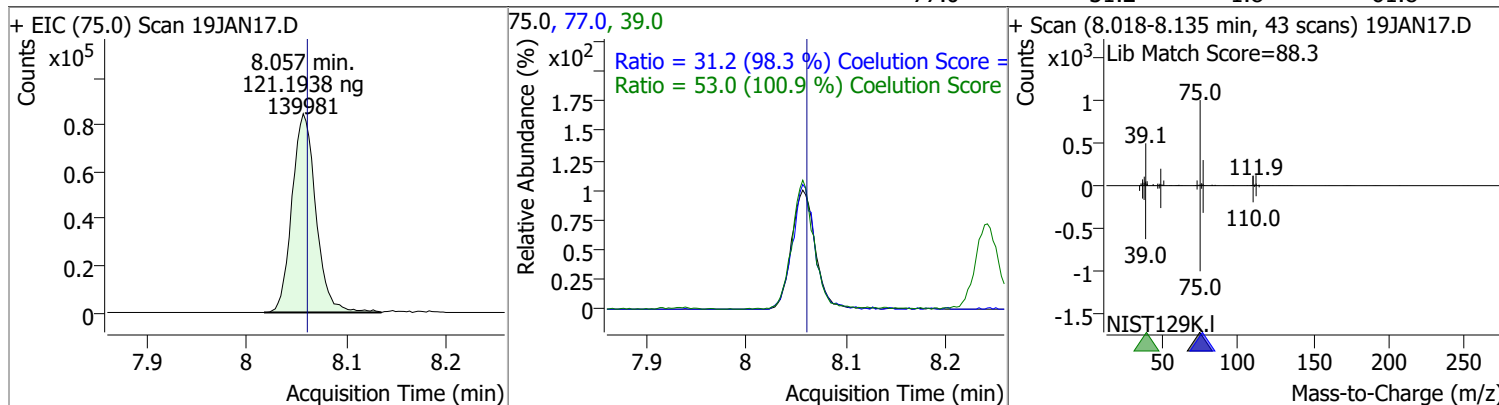


Quantitation Results Report (QT Reviewed)

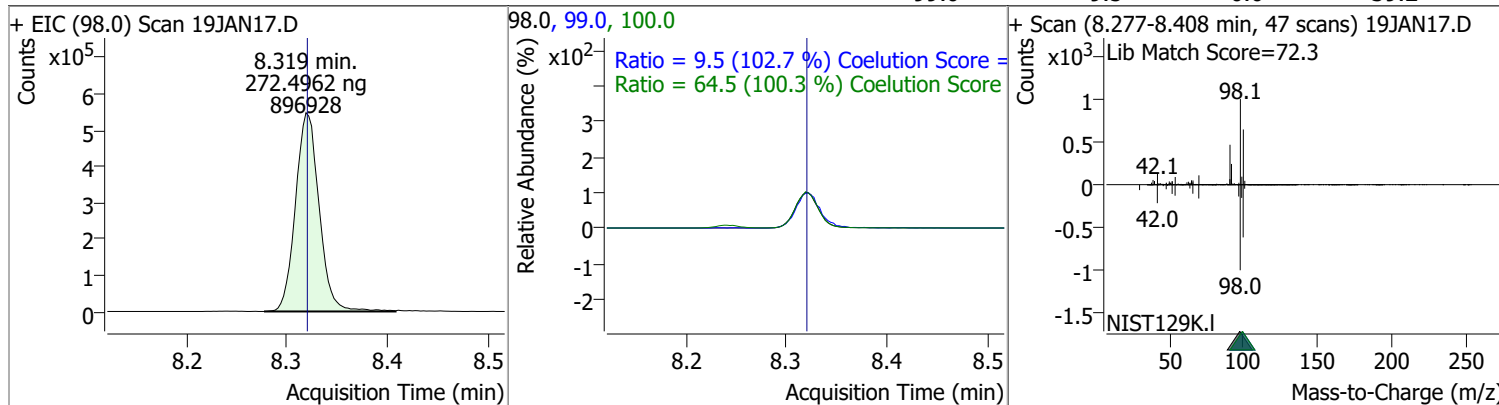
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 125.0178 | 7.58 | 0.00 | 131590 | 85.0 | 64.7 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.6 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 121.1938 | 8.06 | 0.00 | 139981 | 39.0 | 53.0 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.2 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 272.4962 | 8.32 | 0.00 | 896928 | 100.0 | 64.5 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.5 | 0.0 | 39.2 |

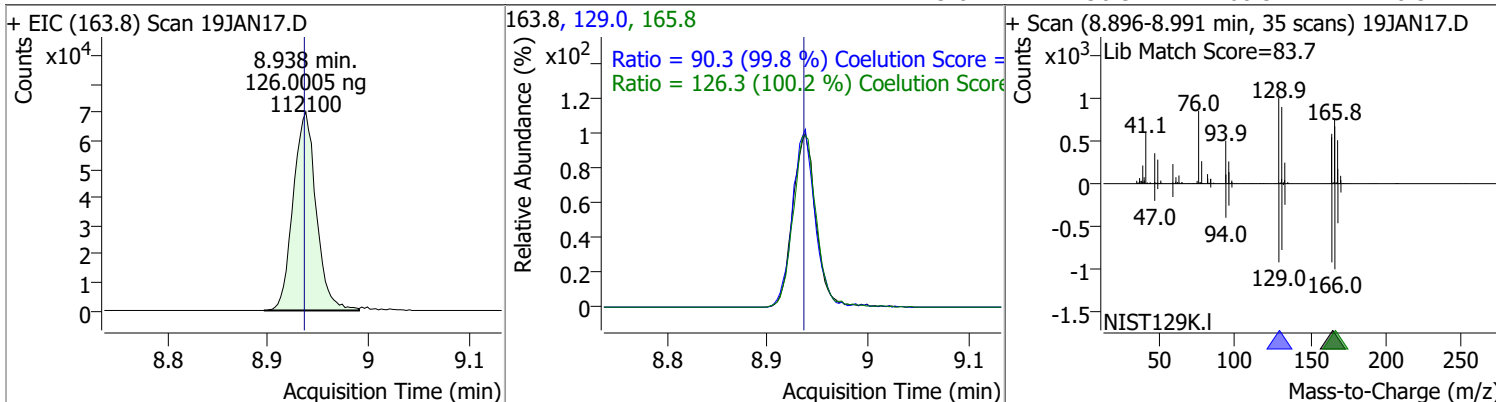


Quantitation Results Report (QT Reviewed)

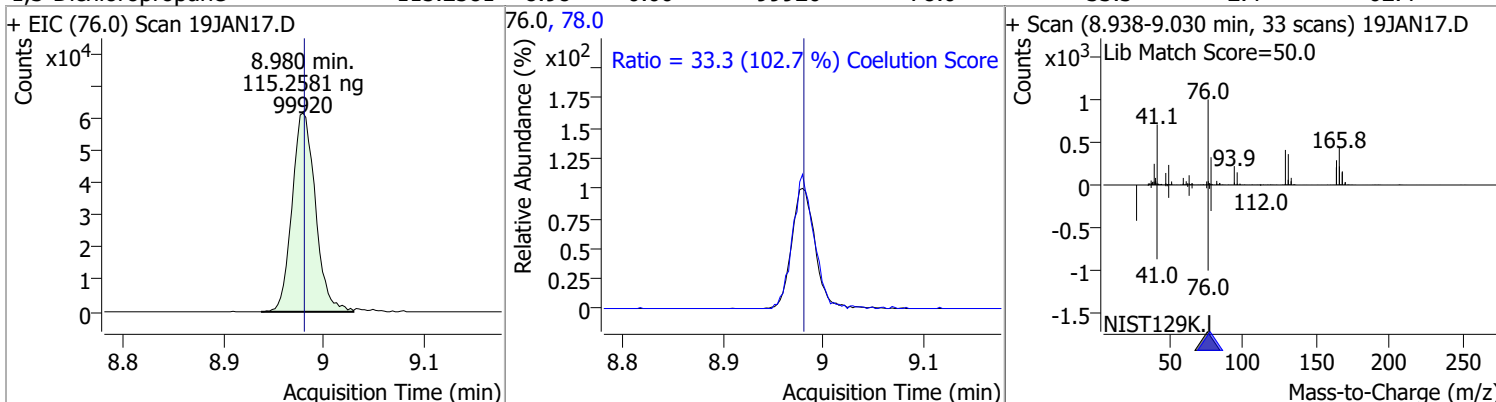
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------------|----------|------|---|--------|------|--|-------|-------|
| Toluene | 126.5738 | 8.39 | 0.00 | 277703 | 91.0 | 177.8 | 144.1 | 204.1 |
| + EIC (92.0) Scan 19JAN17.D | | | 92.0, 91.0 | | | + Scan (8.338-8.478 min, 51 scans) 19JAN17.D | | |
| | | | | | | | | |
| | | | Ratio = 177.8 (102.1 %) Coelution Score | | | | | |
| trans-1,3-Dichloropropene | 125.6654 | 8.64 | 0.00 | 105873 | 39.0 | 51.5 | 23.0 | 83.0 |
| + EIC (75.0) Scan 19JAN17.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.598-8.706 min, 40 scans) 19JAN17.D | | |
| | | | | | | | | |
| | | | Ratio = 33.8 (108.8 %) Coelution Score | | | | | |
| | | | Ratio = 51.5 (97.3 %) Coelution Score | | | | | |
| 1,1,2-Trichloroethane | 122.3326 | 8.82 | 0.00 | 52407 | 97.0 | 116.6 | 80.7 | 140.7 |
| + EIC (83.0) Scan 19JAN17.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.779-8.865 min, 32 scans) 19JAN17.D | | |
| | | | | | | | | |
| | | | Ratio = 116.6 (105.4 %) Coelution Score | | | | | |
| | | | Ratio = 63.6 (104.8 %) Coelution Score | | | | | |

Quantitation Results Report (QT Reviewed)

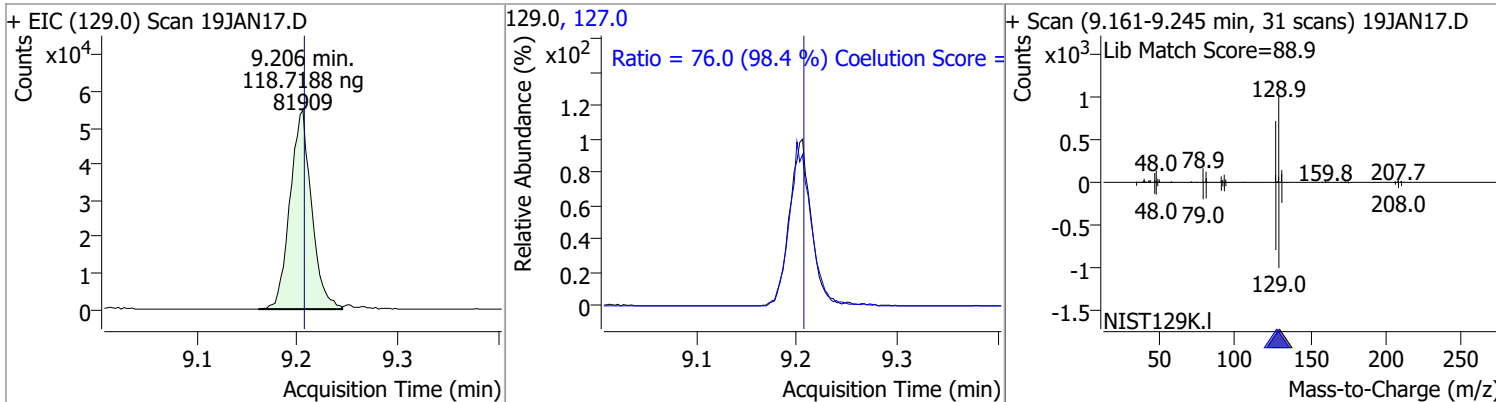
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 126.0005 | 8.94 | 0.00 | 112100 | 165.8 | 126.3 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.3 | 60.5 | 120.5 |



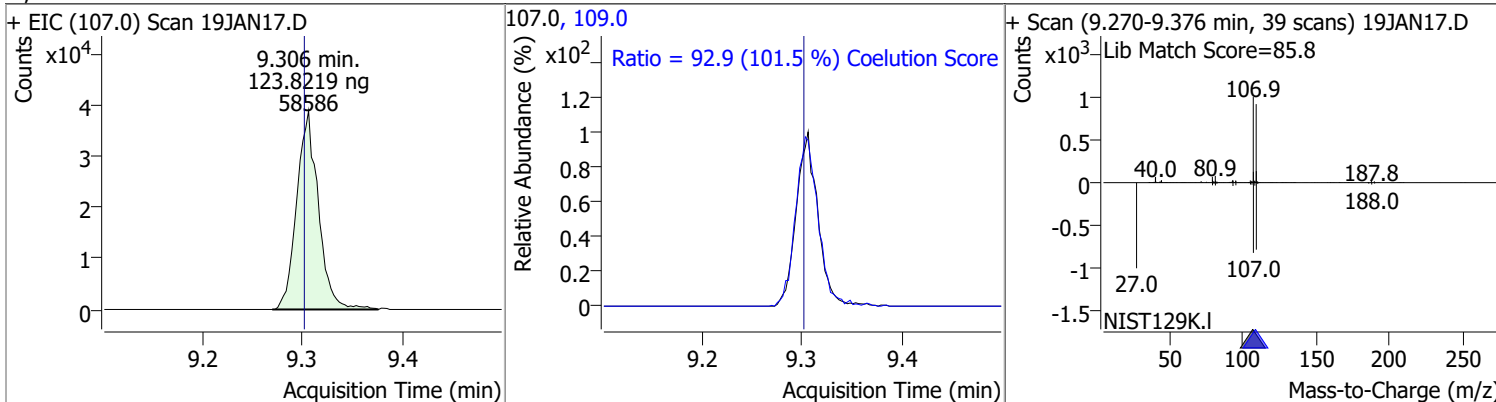
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|-------|------|--------|-------|-------|
| 1,3-Dichloropropane | 115.2581 | 8.98 | 0.00 | 99920 | 78.0 | 33.3 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 118.7188 | 9.21 | 0.00 | 81909 | 127.0 | 76.0 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 123.8219 | 9.31 | 0.01 | 58586 | 109.0 | 92.9 | 61.5 | 121.5 |

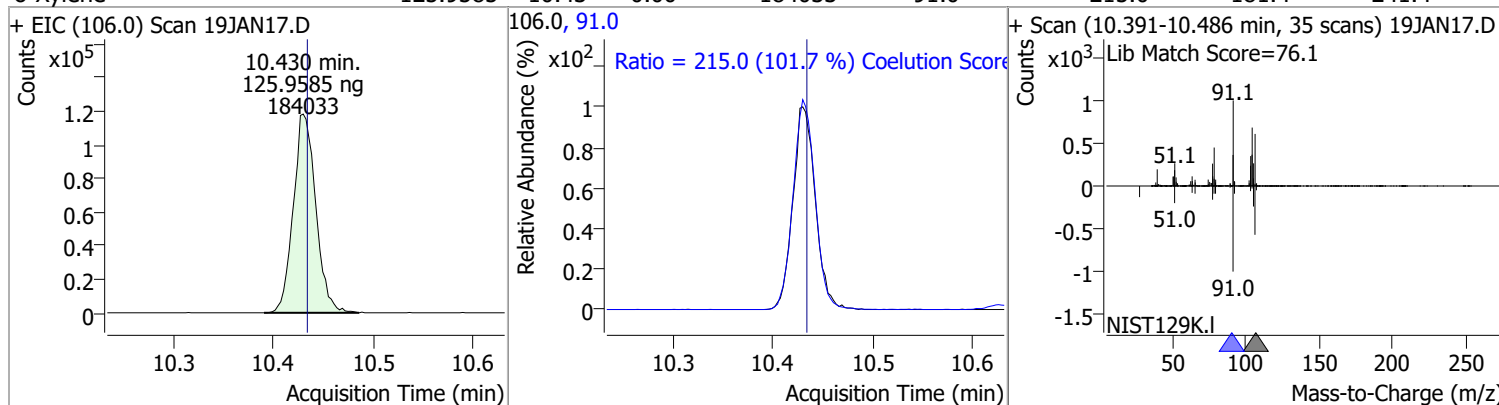


Quantitation Results Report (QT Reviewed)

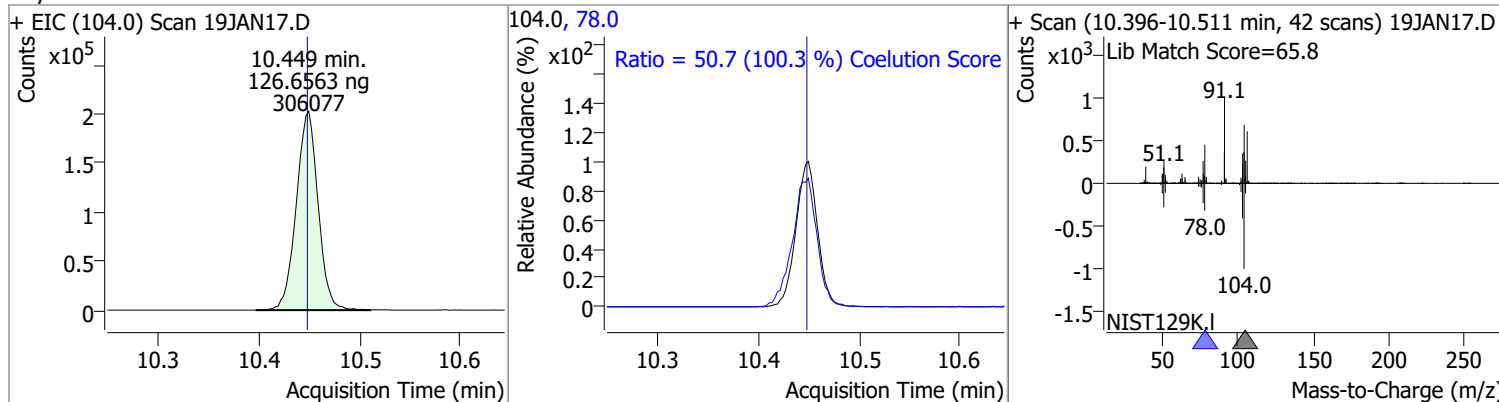
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|----------|-------|--------------|--------|-------|---|-------|-------|
| Chlorobenzene | 127.6842 | 9.80 | 0.00 | 307100 | 114.0 | 31.4 | 2.2 | 62.2 |
| + EIC (112.0) Scan 19JAN17.D | | | 112.0, 114.0 | | | + Scan (9.761-9.872 min, 41 scans) 19JAN17.D | | |
| | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 121.1435 | 9.89 | 0.00 | 102231 | 133.0 | 96.6 | 65.3 | 125.3 |
| + EIC (131.0) Scan 19JAN17.D | | | 131.0, 133.0 | | | + Scan (9.853-9.933 min, 30 scans) 19JAN17.D | | |
| | | | | | | | | |
| Ethylbenzene | 127.5512 | 9.92 | 0.00 | 535079 | 106.0 | 30.9 | 1.7 | 61.7 |
| + EIC (91.0) Scan 19JAN17.D | | | 91.0, 106.0 | | | + Scan (9.878-9.992 min, 42 scans) 19JAN17.D | | |
| | | | | | | | | |
| m+p-Xylenes | 247.6085 | 10.04 | 0.00 | 413361 | 91.0 | 202.1 | 170.7 | 230.7 |
| + EIC (106.0) Scan 19JAN17.D | | | 106.0, 91.0 | | | + Scan (9.992-10.115 min, 45 scans) 19JAN17.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

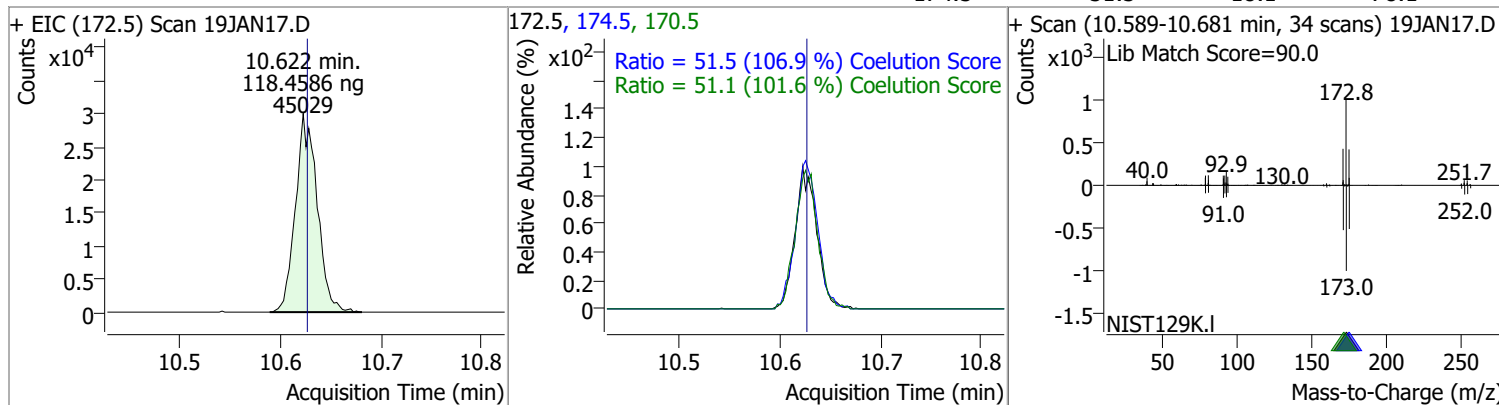
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 125.9585 | 10.43 | 0.00 | 184033 | 91.0 | 215.0 | 181.4 | 241.4 |



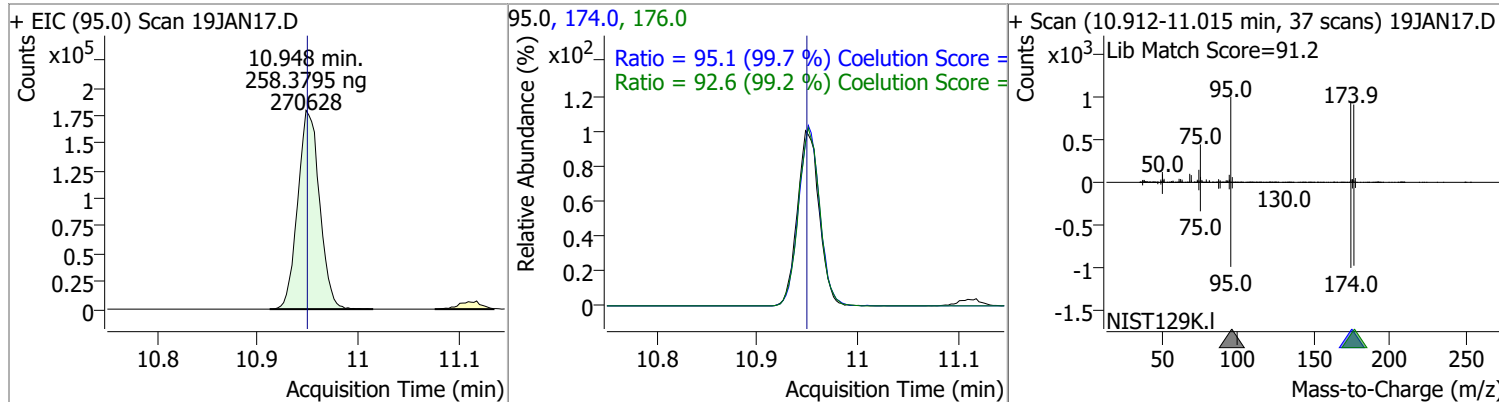
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 126.6563 | 10.45 | 0.00 | 306077 | 78.0 | 50.7 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 118.4586 | 10.62 | 0.00 | 45029 | 170.5 | 51.1 | 20.3 | 80.3 |
| | | | | | 174.5 | 51.5 | 18.1 | 78.1 |

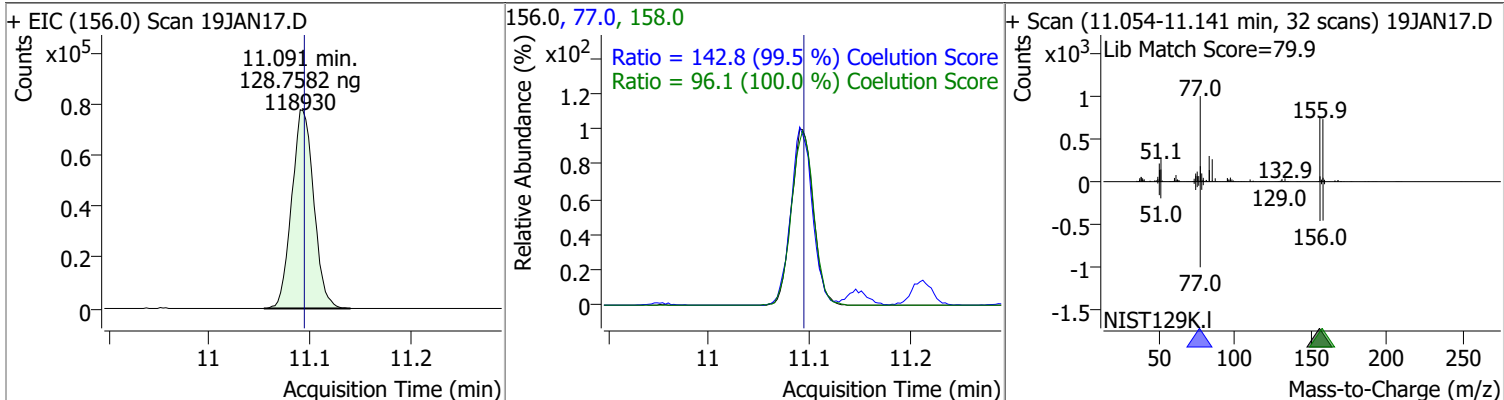


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 258.3795 | 10.95 | 0.00 | 270628 | 174.0 | 95.1 | 65.3 | 125.3 |
| | | | | | 176.0 | 92.6 | 63.3 | 123.3 |

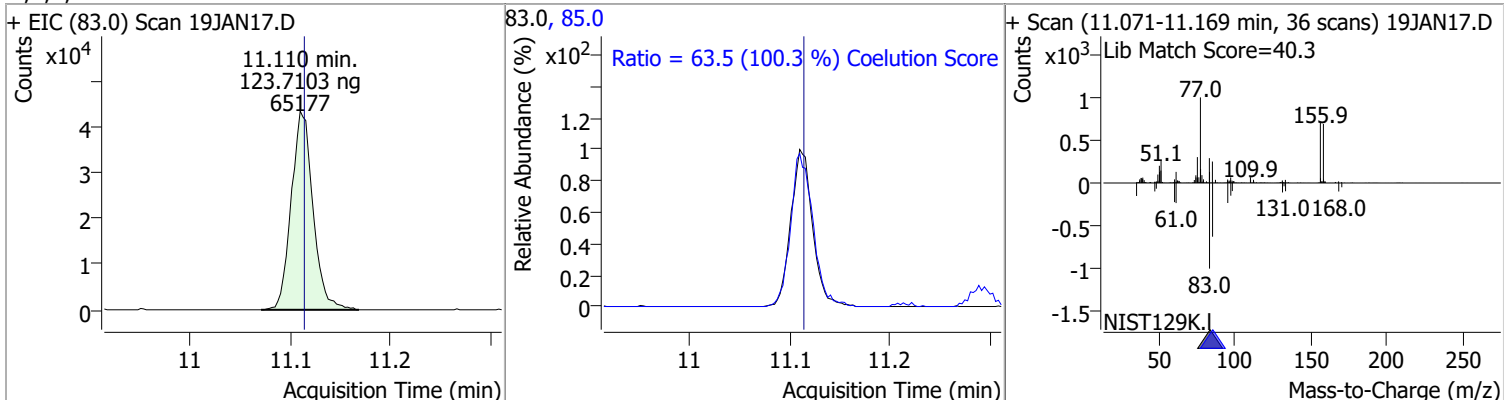


Quantitation Results Report (QT Reviewed)

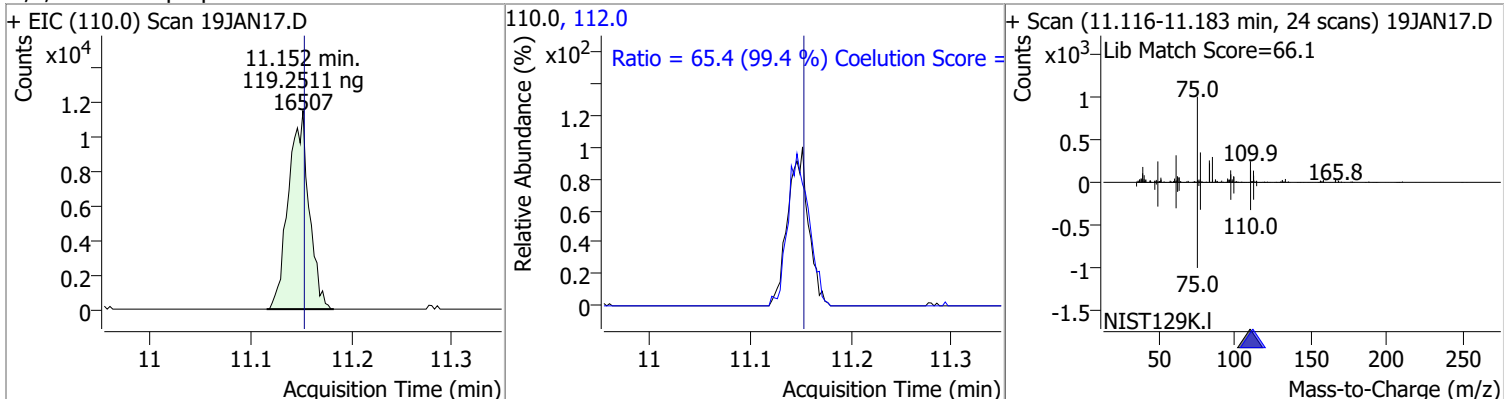
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 128.7582 | 11.09 | 0.00 | 118930 | 77.0 | 142.8 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.1 | 66.1 | 126.1 |



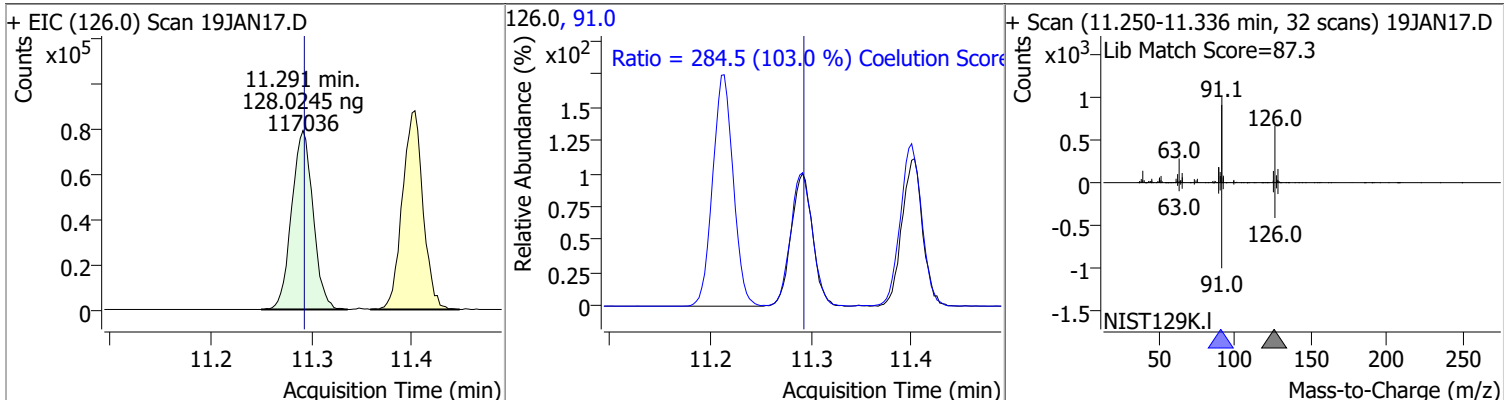
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 123.7103 | 11.11 | 0.00 | 65177 | 85.0 | 63.5 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 119.2511 | 11.15 | 0.00 | 16507 | 112.0 | 65.4 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 128.0245 | 11.29 | 0.00 | 117036 | 91.0 | 284.5 | 246.2 | 306.2 |

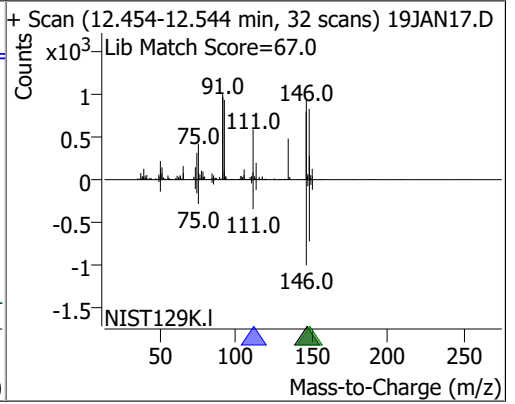
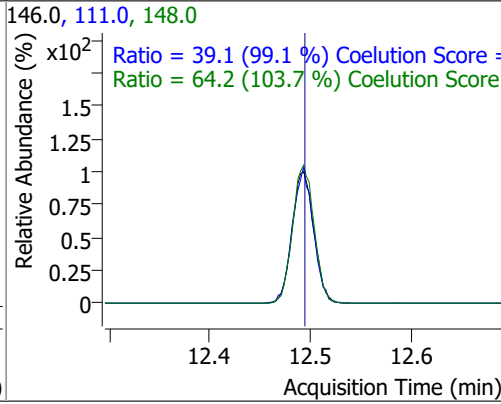
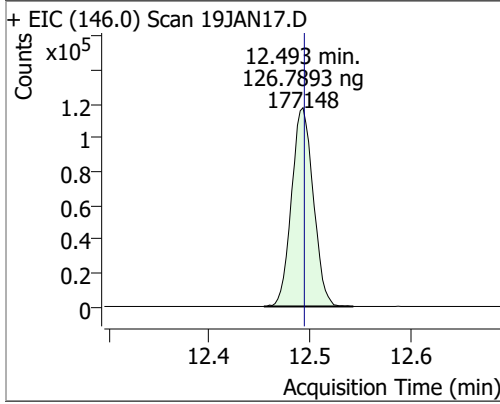


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------------|----------|-------|---------------------|--------|-------|--|-------|-------|
| 4-Chlorotoluene | 133.6905 | 11.40 | 0.00 | 395846 | 126.0 | 31.8 | 1.3 | 61.3 |
| + EIC (91.0) Scan 19JAN17.D | | | 91.0, 126.0 | | | + Scan (11.361-11.442 min, 29 scans) 19JAN17.D | | |
| | | | | | | | | |
| 1,3-Dichlorobenzene | 127.9071 | 12.04 | 0.00 | 214054 | 148.0 | 65.1 | 32.8 | 92.8 |
| + EIC (146.0) Scan 19JAN17.D | | | 146.0, 111.0, 148.0 | | | + Scan (11.991-12.078 min, 31 scans) 19JAN17.D | | |
| | | | | | | | | |
| 1,4-Dichlorobenzene | 126.9159 | 12.12 | 0.00 | 216533 | 148.0 | 63.7 | 33.7 | 93.7 |
| + EIC (146.0) Scan 19JAN17.D | | | 146.0, 111.0, 148.0 | | | + Scan (12.089-12.173 min, 30 scans) 19JAN17.D | | |
| | | | | | | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 126.7893 | 12.49 | 0.00 | 177148 | 148.0 | 64.2 | 31.9 | 91.9 |
| | | | | | 111.0 | 39.1 | 9.5 | 69.5 |



Audit Trail report

Batch name and path: D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|-----------------------|--|--------|---------|---------|-----------|
| CmdNewBatchTable | BL2000\mchavez | 1/19/2022 9:29:47 AM | Create new batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 9:30:15 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN01.D | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/19/2022 9:30:41 AM | Start method editing | | | ✓ | |
| CmdImportMethodFromFile | BL2000\mchavez | 1/19/2022 9:30:42 AM | Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/19/2022 9:30:46 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/19/2022 9:30:47 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/19/2022 9:30:47 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 9:30:51 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 9:54:44 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN02.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 9:54:51 AM | Set SampleType = TuneCheck for sample 19JAN02.D; previous value = Sample | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 9:54:53 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 10:30:30 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN03.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 10:30:34 AM | Set SampleType = Blank for sample 19JAN03.D; previous value = Sample | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 10:30:37 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 11:32:13 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN04.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 11:32:17 AM | Set SampleType = Calibration for sample 19JAN04.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 11:32:21 AM | Set LevelName = 1 for sample 19JAN04.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 11:32:25 AM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|-----------------------|--|--------|---------|---------|-----------|
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 11:33:15 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN05.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 11:33:19 AM | Set SampleType = Calibration for sample 19JAN05.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 11:33:22 AM | Set LevelName = 2 for sample 19JAN05.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 11:33:26 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 11:34:14 AM | Manually integrate compound 1,2,3-Trichloropropane in sample 19JAN05.D from x, y = 11.105, 0 to 11.183, 0; result = 1522 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 11:34:18 AM | Manually integrate qualifier 112.0 of compound 1,2,3-Trichloropropane in sample 19JAN05.D from x, y = 11.110, 0 to 11.191, 0; result = 987 | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 12:01:49 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 12:10:11 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 12:10:51 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN06.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 12:10:56 PM | Set SampleType = Calibration for sample 19JAN06.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 12:10:59 PM | Set LevelName = 3 for sample 19JAN06.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 12:11:04 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 12:11:39 PM | Manually integrate compound 1,2-Dichloroethane-d4 in sample 19JAN04.D from x, y = 6.183, 0 to 6.319, 0; result = 979 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 12:11:40 PM | Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 12:11:43 PM | Manually integrate qualifier 65.0 of compound 1,2-Dichloroethane-d4 in sample 19JAN04.D from x, y = 6.194, 0 to 6.294, 0; result = 1988 | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 12:13:27 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 1:17:06 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 1:17:31 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN08.D, D:\Org\Data\VOA5975C\VG011922\19JAN07.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:17:36 PM | Set SampleType = Calibration for sample 19JAN07.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:17:39 PM | Set LevelName = 4 for sample 19JAN07.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:17:48 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 1:21:29 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN09.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:21:35 PM | Set SampleType = Calibration for sample 19JAN09.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:21:38 PM | Set LevelName = 5 for sample 19JAN09.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:21:46 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:24:19 PM | Set SampleApproved = True for sample 19JAN09.D; previous value = False | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/19/2022 1:24:27 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\mchavez | 1/19/2022 1:24:28 PM | Import method from sample 19JAN09.D | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdUpdateRetentionTimes | BL2000\mchavez | 1/19/2022 1:24:42 PM | Update retention time for compound 1,2-Dichlorobenzene; 1,4-Dichlorobenzene; 1,3-Dichlorobenzene; 4-Chlorotoluene; 2-Chlorotoluene; 1,2,3-Trichloropropane; Bromobenzene; 1,1,2,2-Tetrachloroethane; p-Bromofluorobenzene; Bromoform; Styrene; o-Xylene; m+p-Xylenes; Ethylbenzene; 1,1,1,2-Tetrachloroethane; Chlorobenzene; 1,2-Dibromoethane; Chlorodibromomethane; 1,3-Dichloropropane; Tetrachloroethene; 1,1,2-Trichloroethane; trans-1,3-Dichloropropene; Toluene; Toluene-d8; cis-1,3-Dichloropropene; Bromodichloromethane; Dibromomethane; 1,2-Dichloropropane; Trichloroethene; 1,2-Dichloroethane; Benzene; 1,2-Dichloroethane-d4; 1,1-Dichloropropene; Carbon tetrachloride; 1,1,1-Trichloroethane; Dibromofluoromethane; Chloroform; Bromochloromethane; Methyl ethyl ketone; cis-1,2-Dichloroethene; 2,2-Dichloropropane; 1,1-Dichloroethane; Methyl tert-butyl ether (MTBE); trans-1,2-Dichloroethene; Methylene chloride; 1,1-Dichloroethene; Trichlorofluoromethane; Chloroethane; Bromomethane; Vinyl chloride; Chloromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Dichlorodifluoromethane; | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdUpdateQualifierRatios | BL2000\mchavez | 1/19/2022 1:24:48 PM | Update qualifier ratios for compound 1,2-Dichlorobenzene; Update qualifier ratios for compound 1,4-Dichlorobenzene; Update qualifier ratios for compound 1,3-Dichlorobenzene; Update qualifier ratios for compound 4-Chlorotoluene; Update qualifier ratios for compound 2-Chlorotoluene; Update qualifier ratios for compound 1,2,3-Trichloropropane; Update qualifier ratios for compound Bromobenzene; Update qualifier ratios for compound 1,1,2,2-Tetrachloroethane; Update qualifier ratios for compound p-Bromofluorobenzene; Update qualifier ratios for compound Bromoform; Update qualifier ratios for compound Styrene; Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound 1,1,1,2-Tetrachloroethane; Update qualifier ratios for compound Chlorobenzene; Update qualifier ratios for compound 1,2-Dibromoethane; Update qualifier ratios for compound Chlorodibromomethane; Update qualifier ratios for compound 1,3-Dichloropropane; Update qualifier ratios for compound Tetrachloroethene; Update qualifier ratios for compound 1,1,2-Trichloroethane; Update qualifier ratios for compound trans-1,3-Dichloropropene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound cis-1,3-Dichloropropene; Update qualifier ratios for compound Bromodichloromethane; Update qualifier ratios for compound Dibromomethane; Update qualifier ratios for compound 1,2-Dichloropropane; Update qualifier ratios for compound Trichloroethene; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound 1,1-Dichloropropene; Update qualifier ratios for compound Carbon tetrachloride; Update qualifier ratios for compound 1,1,1-Trichloroethane; | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| | | | Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound Chloroform; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Chloromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound Dichlorodifluoromethane; | | | | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/19/2022 1:25:55 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/19/2022 1:25:55 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/19/2022 1:25:56 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:26:04 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:28:09 PM | Manually integrate qualifier 87.0 of compound Dichlorodifluoromethane in sample 19JAN04.D from x, y = 1.202, 0 to 1.308, 0; result = 1552 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:28:17 PM | Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 19JAN04.D from x, y = 1.473, 0 to 1.542, -7; result = 1928 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:28:22 PM | Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 19JAN04.D, from x, y = 1.473, 0 to 1.531, 0, result = 1877; previous integration is from x, y = 1.473, 0 to 1.542, -7 and previous response = 1928. | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:28:57 PM | Manually integrate qualifier66.0 of compound Chloroethane in sample 19JAN04.D from x, y = 1.838, 0 to 1.938, 0; result = 937 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:29:01 PM | Manually integrate compound Chloroethane in sample 19JAN04.D, from x, y = 1.871, 0 to 1.955, 0, result = 2651; previous integration is from x, y = 1.871, 0 to 1.922, 0 and previous response = 2305. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:29:05 PM | Set UserAnnotation = LT for compound Chloroethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:29:16 PM | Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 19JAN04.D from x, y = 2.674, 0 to 2.764, 0; result = 1211 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:29:42 PM | Manually integrate compound Vinyl chloride in sample 19JAN03.D from x, y = 1.484, 0 to 1.526, 0; result = 450 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:29:49 PM | Manually integrate qualifier64.0 of compound Vinyl chloride in sample 19JAN03.D from x, y = 1.492, 0 to 1.515, -4; result = 300 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:29:56 PM | Manually integrate compound Bromomethane in sample 19JAN03.D from x, y = 1.788, 0 to 1.841, 0; result = 344 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:29:59 PM | Manually integrate qualifier94.0 of compound Bromomethane in sample 19JAN03.D from x, y = 1.777, 0 to 1.841, 0; result = 392 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:30:13 PM | Manually integrate compound Chloromethane in sample 19JAN03.D from x, y = 1.378, 0 to 1.436, 0; result = 477 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:15 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 19JAN03.D from x, y = 1.370, 0 to 1.439, 0; result = 66 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:24 PM | Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 19JAN03.D, from x, y = 1.492, 0 to 1.512, 0, result = 263; previous integration is from x, y = 1.492, 0 to 1.515, -4 and previous response = 300. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:30:47 PM | Manually integrate compound Methylene chloride in sample 19JAN03.D from x, y = 3.274, 0 to 3.397, 0; result = 2137 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:49 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 19JAN03.D from x, y = 3.285, 0 to 3.324, -4; result = 372 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:50 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 19JAN03.D, from x, y = 3.347, 6 to 3.386, 0, result = 339; previous integration is from x, y = 3.285, 0 to 3.324, -4 and previous response = 372. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:53 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 19JAN03.D, from x, y = 3.274, 0 to 3.405, 0, result = 1639; previous integration is from x, y = 3.347, 6 to 3.386, 0 and previous response = 339. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:30:54 PM | Manually integrate qualifier 86.0 of compound Methylene chloride in sample 19JAN03.D from x, y = 3.285, 0 to 3.375, 0; result = 701 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:31:47 PM | Manually integrate compound trans-1,2-Dichloroethene in sample 19JAN04.D from x, y = 3.667, 0 to 3.779, 0; result = 2132 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:31:48 PM | Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 19JAN04.D, from x, y = 3.662, 0 to 3.779, 0, result = 3467; previous integration is from x, y = 3.687, 0 to 3.756, 0 and previous response = 3419. | | | ✓ | |
| CmdClearManualIntegration | BL2000\mchavez | 1/19/2022 1:31:52 PM | Clear manual integration of qualifier 61.0 for compound trans-1,2-Dichloroethene in sample 19JAN04.D | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:31:55 PM | Manually integrate qualifier 98.0 of compound trans-1,2-Dichloroethene in sample 19JAN04.D from x, y = 3.673, 0 to 3.787, 0; result = 1448 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:32:01 PM | Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D from x, y = 3.712, 0 to 3.801, 0; result = 2662 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:32:03 PM | Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D from x, y = 3.706, 0 to 3.796, 0; result = 521 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:32:05 PM | Set UserAnnotation = NI for compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:32:08 PM | Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 19JAN04.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------------------------------|----------------|----------------------|---|--------|---------|---------|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\mchavez | 1/19/2022 1:32:15 PM | Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.325, 0 to 4.426, 0; result = 0 | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double A_7, Double A_8, Int32 A_9, Int32 A_10, Int32 A_11, Int32 A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double fullWidthHalfMaximum, Double symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(ICHromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(ICHromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--------|--------|---------|---------|---|
| | | | | | | | <pre> anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.CmdManuallyIntegrateQ ualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.CmdManuallyIntegrateQ ualifierPeak.Do() at Agilent.MassSpectrometry.CommandM odel.CommandHistory.Invoke(IComma nd cmd) at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.AppCommandContext._I nvoke(ICommand cmd) </pre> |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------------------------------|----------------|----------------------|---|--------|---------|---------|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\mchavez | 1/19/2022 1:32:20 PM | Manually integrate qualifier 83.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.320, 0 to 4.437, 0; result = 0 | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double A_7, Double A_8, Int32 A_9, Int32 A_10, Int32 A_11, Int32 A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double fullWidthHalfMaximum, Double symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(ICHromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(ICHromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|--|
| | | | | | | | anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd) |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:32:25 PM | Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.306, 0 to 4.431, 0; result = 461 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------------------------------|----------------|----------------------|---|--------|---------|---------|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\mchavez | 1/19/2022 1:32:28 PM | Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.320, 0 to 4.440, 0; result = 0 | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double A_7, Double A_8, Int32 A_9, Int32 A_10, Int32 A_11, Int32 A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double fullWidthHalfMaximum, Double symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(ICHromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(ICHromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--------|--------|---------|---------|---|
| | | | | | | | <pre> anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.CmdManuallyIntegrateQ ualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.CmdManuallyIntegrateQ ualifierPeak.Do() at Agilent.MassSpectrometry.CommandM odel.CommandHistory.Invoke(IComma nd cmd) at Agilent.MassSpectrometry.DataAnalysi s.Quantitative.AppCommandContext._I nvoke(ICommand cmd) </pre> |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------------------------------|----------------|----------------------|---|--------|---------|---------|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\mchavez | 1/19/2022 1:32:32 PM | Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.300, 0 to 4.423, 0; result = 0 | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double A_7, Double A_8, Int32 A_9, Int32 A_10, Int32 A_11, Int32 A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double fullWidthHalfMaximum, Double symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(ICHromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(ICHromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|---|
| | | | | | | | anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd) |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:32:37 PM | Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.306, 0 to 4.426, 0; result = 1662 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:32:46 PM | Manually integrate qualifier 97.0 of compound 2,2-Dichloropropane in sample 19JAN04.D from x, y = 5.156, 0 to 5.223, 0; result = 682 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:32:49 PM | Manually integrate compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.162, 0 to 5.257, 0, result = 3125; previous integration is from x, y = 5.162, 0 to 5.207, 0 and previous response = 2415. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:32:52 PM | Manually integrate compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.126, 0 to 5.257, 0, result = 3183; previous integration is from x, y = 5.162, 0 to 5.257, 0 and previous response = 3125. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:32:54 PM | Set UserAnnotation = LT for compound 2,2-Dichloropropane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:32:56 PM | Manually integrate qualifier 41.0 of compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.126, 0 to 5.237, 0, result = 2564; previous integration is from x, y = 5.168, 0 to 5.212, 0 and previous response = 2003. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:33:02 PM | Manually integrate compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.165, 0 to 5.276, 0; result = 2334 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:33:04 PM | Set UserAnnotation = NI for compound cis-1,2-Dichloroethene in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:33:06 PM | Manually integrate qualifier61.0 of compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.154, 0 to 5.248, 0; result = 3451 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:33:08 PM | Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.156, 0 to 5.248, 0; result = 1627 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:33:16 PM | Manually integrate compound Methyl ethyl ketone in sample 19JAN04.D from x, y = 5.237, 0 to 5.357, 0; result = 3674 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:33:18 PM | Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 19JAN04.D from x, y = 5.273, 0 to 5.352, 0; result = 523 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:33:27 PM | Manually integrate compound Bromochloromethane in sample 19JAN04.D from x, y = 5.485, 0 to 5.558, 0; result = 901 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:33:29 PM | Manually integrate qualifier49.0 of compound Bromochloromethane in sample 19JAN04.D from x, y = 5.471, 0 to 5.583, 0; result = 2045 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:33:46 PM | Manually integrate compound Methyl ethyl ketone in sample 19JAN04.D, from x, y = 5.237, 0 to 5.318, 48, result = 2845; previous integration is from x, y = 5.237, 0 to 5.357, 0 and previous response = 3674. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\mchavez | 1/19/2022 1:33:48 PM | Drop baseline for compound Methyl ethyl ketone in sample 19JAN04.D to y = 0, new integration is from x, y = 5.237, 0 to 5.318, 0 and new response = 2962; previous integration is from x, y = 5.237, 0 to 5.318, 48 and previous response = 2845. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:33:57 PM | Set UserAnnotation = NI for compound Methyl ethyl ketone in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:34:00 PM | Set UserAnnotation = NI for compound Bromochloromethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:34:08 PM | Manually integrate compound Dibromofluoromethane in sample 19JAN04.D from x, y = 5.792, 0 to 5.912, 0; result = 2660 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:34:09 PM | Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 19JAN04.D from x, y = 5.801, 0 to 5.895, 0; result = 403 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:34:16 PM | Manually integrate compound 1,1,1-Trichloroethane in sample 19JAN04.D from x, y = 5.784, 0 to 5.884, 0; result = 3627 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:34:19 PM | Manually integrate qualifier 99.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D, from x, y = 5.773, 0 to 5.879, 0, result = 2253; previous integration is from x, y = 5.809, 0 to 5.859, 0 and previous response = 2088. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:34:21 PM | Manually integrate qualifier 61.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D from x, y = 5.787, 0 to 5.817, -38; result = 308 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:34:24 PM | Manually integrate qualifier 61.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D, from x, y = 5.787, 0 to 5.909, 0, result = 1755; previous integration is from x, y = 5.787, 0 to 5.817, -38 and previous response = 308. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:35:23 PM | Manually integrate compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.965, 0 to 6.085, 0; result = 3586 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:35:24 PM | Manually integrate qualifier 119.0 of compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.979, 0 to 6.068, 0; result = 3767 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:35:27 PM | Manually integrate qualifier 121.0 of compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.979, 0 to 6.091, 0; result = 893 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:35:34 PM | Set UserAnnotation = NI for compound Dibromofluoromethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:35:38 PM | Set UserAnnotation = NI for compound 1,1,1-Trichloroethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:35:41 PM | Set UserAnnotation = NI for compound Carbon tetrachloride in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:35:46 PM | Manually integrate qualifier 110.0 of compound 1,1-Dichloropropene in sample 19JAN04.D from x, y = 5.990, 0 to 6.107, 0; result = 1162 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:35:49 PM | Manually integrate qualifier 77.0 of compound 1,1-Dichloropropene in sample 19JAN04.D from x, y = 6.007, 0 to 6.107, 0; result = 1080 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:35:54 PM | Manually integrate compound 1,1-Dichloropropene in sample 19JAN04.D, from x, y = 6.007, 0 to 6.102, 0, result = 2749; previous integration is from x, y = 6.007, 0 to 6.063, 0 and previous response = 2626. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:35:57 PM | Set UserAnnotation = LT for compound 1,1-Dichloropropene in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:06 PM | Manually integrate qualifier 77.0 of compound Benzene in sample 19JAN04.D from x, y = 6.230, 0 to 6.328, 0; result = 1998 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:36:17 PM | Manually integrate compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.258, 0 to 6.361, 0; result = 2542 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:36:18 PM | Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:21 PM | Manually integrate qualifier 64.0 of compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.294, 0 to 6.372, 0; result = 628 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:23 PM | Manually integrate qualifier 98.0 of compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.300, 0 to 6.367, 0; result = 60 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:31 PM | Manually integrate qualifier 130.0 of compound Trichloroethene in sample 19JAN04.D from x, y = 6.994, 0 to 7.069, 0; result = 2386 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:32 PM | Manually integrate qualifier 97.0 of compound Trichloroethene in sample 19JAN04.D from x, y = 6.983, 0 to 7.036, -23; result = 1304 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:33 PM | Manually integrate qualifier 97.0 of compound Trichloroethene in sample 19JAN04.D, from x, y = 7.053, 0 to 7.097, 0, result = 0; previous integration is from x, y = 6.983, 0 to 7.036, -23 and previous response = 1304. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:35 PM | Manually integrate qualifier 97.0 of compound Trichloroethene in sample 19JAN04.D, from x, y = 6.980, 0 to 7.072, 0, result = 1635; previous integration is from x, y = 7.053, 0 to 7.097, 0 and previous response = 0. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:40 PM | Manually integrate qualifier 76.0 of compound 1,2-Dichloropropane in sample 19JAN04.D from x, y = 7.234, 0 to 7.323, 0; result = 691 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:36:46 PM | Manually integrate compound Dibromomethane in sample 19JAN04.D from x, y = 7.354, 0 to 7.446, 0; result = 1166 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:49 PM | Manually integrate qualifier95.0 of compound Dibromomethane in sample 19JAN04.D from x, y = 7.348, 0 to 7.443, 0; result = 663 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:36:51 PM | Manually integrate qualifier173.5 of compound Dibromomethane in sample 19JAN04.D from x, y = 7.357, 0 to 7.451, 0; result = 869 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:36:54 PM | Set UserAnnotation = NI for compound Dibromomethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:02 PM | Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 19JAN04.D from x, y = 7.543, 0 to 7.644, 0; result = 1982 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:04 PM | Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 19JAN04.D from x, y = 7.563, 0 to 7.633, 0; result = 121 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:10 PM | Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.029, 0 to 8.107, 0; result = 1066 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:15 PM | Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.018, 0 to 8.087, 0; result = 2172 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:21 PM | Manually integrate qualifier99.0 of compound Toluene-d8 in sample 19JAN04.D from x, y = 8.288, 0 to 8.349, 0; result = 942 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:34 PM | Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.614, 0 to 8.651, 15, result = 467; previous integration is from x, y = 8.653, 0 to 8.692, 0 and previous response = 2767. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:37:41 PM | Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.614, 0 to 8.656, 7, result = 542; previous integration is from x, y = 8.614, 0 to 8.651, 15 and previous response = 467. | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegrate DropBaseline | BL2000\mchavez | 1/19/2022 1:37:42 PM | Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D to y = 0, new integration is from x, y = 8.614, 0 to 8.656, 0 and new response = 551; previous integration is from x, y = 8.614, 0 to 8.656, 7 and previous response = 542. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\mchavez | 1/19/2022 1:37:45 PM | Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.606, 0 to 8.662, 0; result = 1435 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------------------|----------------|----------------------|--|--------|---------|---------|--|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:37:49 PM | Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.598, 0 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153. | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--------|--------|---------|---------|--|
| | | | | | | | at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd) |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------------------|----------------|----------------------|--|--------|---------|---------|--|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:37:54 PM | Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.598, 0 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153. | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--------|--------|---------|---------|---|
| | | | | | | | at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext.Invoke(ICommand cmd) |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------------------|----------------|----------------------|---|--------|---------|---------|--|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:37:58 PM | Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.595, 51 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153. | | | | Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|---|
| | | | | | | | at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext.Invoke(ICommand cmd) |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:38:08 PM | Manually integrate compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.770, 0 to 8.868, 0; result = 1045 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:38:09 PM | Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:13 PM | Manually integrate qualifier 97.0 of compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.759, 0 to 8.862, 0; result = 1421 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:15 PM | Manually integrate qualifier 85.0 of compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.784, 0 to 8.860, 0; result = 685 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:21 PM | Manually integrate qualifier 129.0 of compound Tetrachloroethene in sample 19JAN04.D from x, y = 8.907, 0 to 8.985, 0; result = 1872 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:27 PM | Manually integrate qualifier 78.0 of compound 1,3-Dichloropropane in sample 19JAN04.D from x, y = 8.952, 0 to 9.007, 0; result = 606 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:38:45 PM | Manually integrate compound Chlorodibromomethane in sample 19JAN04.D from x, y = 9.166, 0 to 9.242, 0; result = 2004 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:47 PM | Manually integrate qualifier 127.0 of compound Chlorodibromomethane in sample 19JAN04.D from x, y = 9.164, 0 to 9.242, 0; result = 1238 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:38:51 PM | Manually integrate compound 1,2-Dibromoethane in sample 19JAN04.D from x, y = 9.284, 0 to 9.367, 0; result = 1089 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:38:54 PM | Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 19JAN04.D from x, y = 9.284, 0 to 9.353, 0; result = 1084 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:38:58 PM | Set UserAnnotation = NI for compound Chlorodibromomethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:39:02 PM | Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:40:54 PM | Manually integrate qualifier114.0 of compound Chlorobenzene in sample 19JAN04.D from x, y = 9.746, 0 to 9.841, 0; result = 2581 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:41:03 PM | Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D from x, y = 9.847, 0 to 9.931, 0; result = 2284 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:05 PM | Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D from x, y = 9.861, 0 to 9.961, 0; result = 2023 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:41:09 PM | Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:41:22 PM | Manually integrate compound Bromoform in sample 19JAN04.D from x, y = 10.600, 0 to 10.667, 0; result = 928 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:41:23 PM | Set UserAnnotation = NI for compound Bromoform in sample 19JAN04.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:25 PM | Manually integrate qualifier174.5 of compound Bromoform in sample 19JAN04.D from x, y = 10.577, 0 to 10.650, 0; result = 195 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:27 PM | Manually integrate qualifier170.5 of compound Bromoform in sample 19JAN04.D from x, y = 10.583, 0 to 10.686, 0; result = 313 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:41:33 PM | Manually integrate compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D from x, y = 11.082, 0 to 11.155, 0; result = 1247 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:35 PM | Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D from x, y = 11.071, 0 to 11.141, 0; result = 694 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:41:38 PM | Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:41:44 PM | Manually integrate compound 1,2,3-Trichloropropane in sample 19JAN04.D from x, y = 11.105, 0 to 11.185, 0; result = 358 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:46 PM | Manually integrate qualifier 112.0 of compound 1,2,3-Trichloropropane in sample 19JAN04.D from x, y = 11.107, 0 to 11.177, 0; result = 151 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:55 PM | Manually integrate qualifier 126.0 of compound 4-Chlorotoluene in sample 19JAN04.D from x, y = 11.364, 0 to 11.436, 0; result = 1561 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:41:59 PM | Manually integrate qualifier 111.0 of compound 1,3-Dichlorobenzene in sample 19JAN04.D from x, y = 12.005, 0 to 12.064, 0; result = 1455 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:42:18 PM | Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D, from x, y = 12.120, 148 to 12.145, 0, result = 846; previous integration is from x, y = 12.072, 0 to 12.145, 0 and previous response = 4629. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\mchavez | 1/19/2022 1:42:19 PM | Drop baseline for qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D to y = 0, new integration is from x, y = 12.120, 0 to 12.145, 0 and new response = 957; previous integration is from x, y = 12.120, 148 to 12.145, 0 and previous response = 846. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:42:27 PM | Manually integrate qualifier 148.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D, from x, y = 12.072, 0 to 12.150, 0, result = 3848; previous integration is from x, y = 12.097, 0 to 12.150, 0 and previous response = 3367. | | | ✓ | |
| CmdClearManualIntegration | BL2000\mchavez | 1/19/2022 1:42:31 PM | Clear manual integration of qualifier 148.0 for compound 1,4-Dichlorobenzene in sample 19JAN04.D | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:42:41 PM | Manually integrate qualifier 111.0 of compound 1,2-Dichlorobenzene in sample 19JAN04.D from x, y = 12.460, 0 to 12.555, 0; result = 1070 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:42:43 PM | Manually integrate qualifier 148.0 of compound 1,2-Dichlorobenzene in sample 19JAN04.D from x, y = 12.451, 0 to 12.557, 0; result = 1992 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:42:49 PM | Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 19JAN04.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:43:01 PM | Set SampleApproved = True for sample 19JAN04.D; previous value = False | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:43:23 PM | Manually integrate qualifier 174.5 of compound Bromoform in sample 19JAN05.D from x, y = 10.583, 0 to 10.684, 0; result = 2190 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:43:25 PM | Manually integrate qualifier 170.5 of compound Bromoform in sample 19JAN05.D from x, y = 10.589, 0 to 10.672, 0; result = 2021 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:43:56 PM | Manually integrate qualifier 78.0 of compound 1,3-Dichloropropane in sample 19JAN05.D, from x, y = 8.943, 0 to 9.008, 0, result = 3558; previous integration is from x, y = 8.977, 0 to 9.008, 0 and previous response = 2157. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:44:17 PM | Manually integrate qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D, from x, y = 8.032, 112 to 8.099, 0, result = 7131; previous integration is from x, y = 8.054, 0 to 8.099, 0 and previous response = 4532. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\mchavez | 1/19/2022 1:44:20 PM | Drop baseline for qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D to y = 0, new integration is from x, y = 8.032, 0 to 8.099, 0 and new response = 7356; previous integration is from x, y = 8.032, 112 to 8.099, 0 and previous response = 7131. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:44:24 PM | Manually integrate qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D, from x, y = 8.018, 0 to 8.099, 0, result = 7505; previous integration is from x, y = 8.032, 0 to 8.099, 0 and previous response = 7356. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:44:31 PM | Manually integrate qualifier 127.0 of compound Bromodichloromethane in sample 19JAN05.D from x, y = 7.546, 0 to 7.624, 0; result = 1037 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:44:42 PM | Manually integrate qualifier 98.0 of compound 1,2-Dichloroethane in sample 19JAN05.D from x, y = 6.283, 0 to 6.386, 0; result = 950 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:45:06 PM | Manually integrate compound Bromochloromethane in sample 19JAN05.D, from x, y = 5.483, 0 to 5.552, 0, result = 4232; previous integration is from x, y = 5.497, 0 to 5.533, 0 and previous response = 3442. | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:45:10 PM | Set UserAnnotation = LT for compound Bromochloromethane in sample 19JAN05.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:45:17 PM | Manually integrate qualifier 72.0 of compound Methyl ethyl ketone in sample 19JAN05.D from x, y = 5.257, 0 to 5.329, 0; result = 2846 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:45:21 PM | Manually integrate qualifier 72.0 of compound Methyl ethyl ketone in sample 19JAN05.D, from x, y = 5.257, 0 to 5.338, 0, result = 2885; previous integration is from x, y = 5.257, 0 to 5.329, 0 and previous response = 2846. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:45:35 PM | Manually integrate qualifier 97.0 of compound 2,2-Dichloropropane in sample 19JAN05.D, from x, y = 5.154, 0 to 5.254, 0, result = 3837; previous integration is from x, y = 5.154, 0 to 5.196, 0 and previous response = 2025. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:45:50 PM | Manually integrate qualifier 83.0 of compound 1,1-Dichloroethane in sample 19JAN05.D from x, y = 4.328, 0 to 4.440, 0; result = 2691 | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:46:08 PM | Set SampleApproved = True for sample 19JAN05.D; previous value = False | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 1:46:18 PM | Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 19JAN05.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/19/2022 1:47:08 PM | Manually integrate qualifier 98.0 of compound 1,2-Dichloroethane in sample 19JAN06.D from x, y = 6.283, 0 to 6.386, 0; result = 1846 | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 1:47:52 PM | Set SampleApproved = True for sample 19JAN06.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/19/2022 1:50:23 PM | Replace level 5 with Calibration sample 19JAN09.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 4 with Calibration sample 19JAN07.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1- | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|---|--------|---------|---------|-----------|
| | | | Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 3 with Calibration sample 19JAN06.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 2 with Calibration sample 19JAN05.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3- | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------|----------------|----------------------|---|--------|---------|---------|-----------|
| | | | Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 1 with Calibration sample 19JAN04.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; | | | | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:50:32 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 1:50:46 PM | Set LevelEnable = False for calibration level 6, levelId = 25 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 1:50:47 PM | Set LevelEnable = False for calibration level 7, levelId = 24 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 1:50:49 PM | Set LevelEnable = False for calibration level 8, levelId = 23 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:50:57 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 1:51:06 PM | Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:51:17 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 1:51:52 PM | Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 1:52:09 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN10.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:52:20 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 1/19/2022 1:53:31 PM | Manually integrate compound 1,2-Dichloroethane-d4 in sample 19JAN05.D, from x, y = 6.191, 0 to 6.266, 0, result = 4197; previous integration is from x, y = 6.208, 0 to 6.266, 0 and previous response = 3982. | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:53:58 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/19/2022 1:54:14 PM | Replace level 5 with Calibration sample 19JAN09.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichloroethane-d4}; Replace level 4 with Calibration sample 19JAN07.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--|--------|---------|---------|-----------|
| | | | ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichloroethane-d4}; Replace level 3 with Calibration sample 19JAN06.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichloroethane-d4}; Replace level 2 with Calibration sample 19JAN05.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|----------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| | | | cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2- Dichloropropane, Trichloroethene, 1,2- Dichloroethane, Benzene, 1,1- Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1- Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2- Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans- 1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2- Dichloroethane-d4}; Replace level 1 with Calibration sample 19JAN04.D for compounds {1,2-Dichlorobenzene, 1,4- Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2- Tetrachloroethane, Bromobenzene, p- Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2- Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3- Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3- Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2- Dichloropropane, Trichloroethene, 1,2- Dichloroethane, Benzene, 1,1- Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1- Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2- Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans- 1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2- Dichloroethane-d4}; | | | | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 1:54:22 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/19/2022 2:05:48 PM | Start method editing | | | ✓ | |
| CmdImportMethodFrom Sample | BL2000\mchavez | 1/19/2022 2:05:48 PM | Import method from sample 19JAN03.D | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/19/2022 2:06:21 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/19/2022 2:06:21 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/19/2022 2:06:22 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:06:30 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 2:10:42 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 2:16:39 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 2:17:28 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN11.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 2:17:33 PM | Set SampleType = Calibration for sample 19JAN11.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 2:17:36 PM | Set LevelName = 6 for sample 19JAN11.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:17:47 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 2:19:19 PM | Set SampleApproved = True for sample 19JAN11.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/19/2022 2:19:30 PM | Replace level 6 with Calibration sample 19JAN11.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:19:51 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 2:20:01 PM | Set LevelEnable = True for calibration level 6, levelId = 37 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:20:14 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 2:20:37 PM | Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:20:47 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 2:20:59 PM | Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:21:09 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 2:32:34 PM | Set CurveFit = fitQuadratic for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 2:32:45 PM | Set CurveFit = fitAverageOfResponseFactors for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 2:33:16 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 2:50:30 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 2:50:47 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN12.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 2:50:59 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 2:56:02 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 3:11:37 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 3:11:57 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN13.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 3:12:03 PM | Set SampleType = Calibration for sample 19JAN13.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 3:12:07 PM | Set LevelName = 7 for sample 19JAN13.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:12:17 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 3:14:06 PM | Set SampleApproved = True for sample 19JAN13.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/19/2022 3:14:17 PM | Replace level 7 with Calibration sample 19JAN13.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:14:35 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 3:14:43 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 3:21:12 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 3:22:01 PM | Set LevelEnable = True for calibration level 7, levelId = 38 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:22:13 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 3:26:11 PM | Set CurveFit = fitQuadratic for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:26:23 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 3:26:39 PM | Set CurveFit = fitLinear for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:26:50 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/19/2022 3:26:57 PM | Set CurveFit = fitAverageOfResponseFactors for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitLinear | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:27:09 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 3:34:54 PM | Set LevelEnable = False for calibration level 8, levelId = 23 of compound Bromomethane in sample 19JAN03.D; previous value = True | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 3:35:06 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 3:35:47 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 4:04:53 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 4:05:15 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN15.D, D:\Org\Data\VOA5975C\VG011922\19JAN14.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 4:05:22 PM | Set SampleType = Calibration for sample 19JAN15.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 4:05:28 PM | Set LevelName = 8 for sample 19JAN15.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:05:39 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 4:07:07 PM | Set SampleApproved = True for sample 19JAN15.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/19/2022 4:07:19 PM | Replace level 8 with Calibration sample 19JAN15.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:07:38 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 4:07:45 PM | Set LevelEnable = True for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:08:00 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 4:08:26 PM | Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:10:52 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 4:11:25 PM | Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:11:37 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|--|--------|---------|---------|-----------|
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 4:19:40 PM | Set LevelEnable = False for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/19/2022 4:19:44 PM | Set LevelEnable = True for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 4:19:56 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 4:21:48 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/19/2022 4:59:06 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/19/2022 5:00:01 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN17.D, D:\Org\Data\VOA5975C\VG011922\19JAN16.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 5:01:06 PM | Set SampleType = QC for sample 19JAN17.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 5:01:14 PM | Set LevelName = QC for sample 19JAN17.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/19/2022 5:01:17 PM | Set SampleInformation = LCSA for sample 19JAN17.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 5:01:32 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/19/2022 5:01:59 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\mchavez | 1/19/2022 5:01:59 PM | Import method from sample 19JAN17.D | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/19/2022 5:02:57 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/19/2022 5:02:57 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/19/2022 5:02:58 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/19/2022 5:03:10 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/19/2022 5:03:34 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/20/2022 8:25:52 AM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/20/2022 8:26:56 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN23.D, D:\Org\Data\VOA5975C\VG011922\19JAN22.D, D:\Org\Data\VOA5975C\VG011922\19JAN21.D, D:\Org\Data\VOA5975C\VG011922\19JAN20.D, D:\Org\Data\VOA5975C\VG011922\19JAN19.D, D:\Org\Data\VOA5975C\VG011922\19JAN18.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:27:14 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:49:42 AM | Set UserAnnotation = NI for compound Chloromethane in sample 19JAN03.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:49:46 AM | Set UserAnnotation = NI for compound Vinyl chloride in sample 19JAN03.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:49:53 AM | Set UserAnnotation = NI for compound Bromomethane in sample 19JAN03.D; previous value = | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/20/2022 8:50:00 AM | Set LevelEnable = True for calibration level 8, levelId = 39 of compound Bromomethane in sample 19JAN17.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:50:17 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:50:23 AM | Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:50:26 AM | Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:50:40 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:50:59 AM | Set CurveFit = fitAverageOfResponseFactors for compound Bromomethane in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:51:02 AM | Set CurveFitWeight = weightEqual for compound Bromomethane in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:51:17 AM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:51:24 AM | Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:51:26 AM | Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:51:40 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 8:52:05 AM | Set SampleApproved = True for sample 19JAN07.D; previous value = False | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:52:22 AM | Set UserAnnotation = NI for compound Methylene chloride in sample 19JAN03.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:53:54 AM | Set UserAnnotation = LT for compound 1,2-Dichloroethane-d4 in sample 19JAN05.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:57:21 AM | Set CurveFit = fitQuadratic for compound Ethylbenzene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:57:23 AM | Set CurveFitWeight = weightOneOverX for compound Ethylbenzene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:57:42 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:57:51 AM | Set CurveFit = fitQuadratic for compound m+p-Xylenes in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:57:53 AM | Set CurveFitWeight = weightOneOverX for compound m+p-Xylenes in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:58:12 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/20/2022 8:58:28 AM | Set LevelEnable = True for calibration level 1, levelId = 36 of compound o-Xylene in sample 19JAN17.D; previous value = False | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:58:32 AM | Set CurveFit = fitQuadratic for compound o-Xylene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:58:35 AM | Set CurveFitWeight = weightOneOverX for compound o-Xylene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:58:51 AM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:59:06 AM | Set CurveFit = fitQuadratic for compound Styrene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 1/20/2022 8:59:09 AM | Set CurveFitWeight = weightOneOverX for compound Styrene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 8:59:24 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:07:29 AM | Set SampleApproved = True for sample 19JAN17.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:13:44 AM | Set SampleApproved = True for sample 19JAN03.D; previous value = False | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 1/20/2022 9:25:54 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:26:13 AM | Set SampleType = CC for sample 19JAN09CC.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:26:21 AM | Set LevelName = CC for sample 19JAN09CC.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:26:37 AM | Set SampleName = CC011922_ for sample 19JAN09CC.D; previous value = ICAL011922_5 | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:26:55 AM | Set UserDefined = Reimported CAL5 as CC for sample 19JAN09CC.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 9:27:20 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:27:48 AM | Set SampleApproved = True for sample 19JAN09CC.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:27:48 AM | Set SampleApproved = False for sample 19JAN09CC.D; previous value = True | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 1/20/2022 9:28:13 AM | Replace level CC with CC sample 19JAN09CC.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level QC with QC sample 19JAN17.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|---|--------|---------|---------|-----------|
| | | | Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 8 with Calibration sample 19JAN15.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 7 with Calibration sample 19JAN13.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|--|--------|---------|---------|-----------|
| | | | 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 6 with Calibration sample 19JAN11.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 5 with Calibration sample 19JAN09.D for compounds {1,4-Dichlorobenzene, 1,3- | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|---|--------|---------|---------|-----------|
| | | | Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 4 with Calibration sample 19JAN07.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2- | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------|------|------|---|--------|---------|---------|-----------|
| | | | Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 3 with Calibration sample 19JAN06.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level 2 with Calibration sample 19JAN05.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, | | | | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---------------|----------------|----------------------|--|--------|---------|---------|-----------|
| | | | cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2- Dichloropropane, Trichloroethene, 1,2- Dichloroethane, Benzene, 1,2- Dichloroethane-d4, 1,1- Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1- Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2- Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans- 1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2- Dichlorobenzene}; Replace level 1 with Calibration sample 19JAN04.D for compounds {1,4-Dichlorobenzene, 1,3- Dichlorobenzene, 4-Chlorotoluene, 2- Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p- Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2- Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3- Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3- Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2- Dichloropropane, Trichloroethene, 1,2- Dichloroethane, Benzene, 1,2- Dichloroethane-d4, 1,1- Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1- Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2- Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans- 1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2- Dichlorobenzene}; | | | | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 9:28:29 AM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|-----------------------|---|--------|---------|---------|-----------|
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:28:41 AM | Set SampleApproved = True for sample 19JAN09CC.D; previous value = False | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/20/2022 9:29:11 AM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\mchavez | 1/20/2022 9:29:11 AM | Import method from sample 19JAN04.D | | | ✓ | |
| CmdSaveMethodAs | BL2000\mchavez | 1/20/2022 9:31:09 AM | Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/20/2022 9:31:23 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/20/2022 9:31:23 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/20/2022 9:31:24 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 9:31:41 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 9:31:55 AM | Set SampleApproved = True for sample 19JAN02.D; previous value = False | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 1/20/2022 9:32:21 AM | Manually integrate qualifier66.0 of compound Chloroethane in sample 19JAN19.D from x, y = 1.869, 0 to 1.983, 0; result = 2724 | | | ✓ | |
| CmdManuallyIntegrateMerge | BL2000\mchavez | 1/20/2022 9:32:26 AM | Merge peak with left peak for qualifier 84.0 of compound Methylene chloride in sample 19JAN19.D, new integration is from x, y = 3.291, 0 to 3.388, 0 and new response = 11921;previous integration is from x, y = 3.291, 0 to 3.388, 0 and previous response = 11921. | | | ✓ | |
| CmdManuallyIntegrateMerge | BL2000\mchavez | 1/20/2022 9:32:29 AM | Merge peak with left peak for compound Methylene chloride in sample 19JAN19.D, new integration is from x, y = 3.285, 0 to 3.388, 0 and new response = 17624; previous integration is from x, y= 3.327, 0 to 3.388, 0 and previous response =11453. | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/20/2022 9:47:49 AM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/20/2022 10:19:52 AM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 10:20:43 AM | Set SampleType = Blank for sample 19JAN22.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 1/20/2022 10:20:49 AM | Set SampleType = Blank for sample 19JAN23.D; previous value = Sample | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/20/2022 10:21:04 AM | Start method editing | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|----------------------------|----------------|-----------------------|--|--------|---------|---------|-----------|
| CmdImportMethodFromSample | BL2000\mchavez | 1/20/2022 10:21:04 AM | Import method from sample 19JAN04.D | | | ✓ | |
| CmdSaveMethodAs | BL2000\mchavez | 1/20/2022 10:22:36 AM | Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/20/2022 10:22:46 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/20/2022 10:22:46 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/20/2022 10:22:47 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/20/2022 10:23:06 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/20/2022 10:23:19 AM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/22/2022 1:02:27 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/22/2022 1:02:42 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\mchavez | 1/22/2022 1:02:42 PM | Import method from sample 19JAN01.D | | | ✓ | |
| CmdSaveMethodAs | BL2000\mchavez | 1/22/2022 1:03:52 PM | Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/22/2022 1:04:05 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/22/2022 1:04:05 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/22/2022 1:04:06 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:04:23 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/22/2022 1:16:10 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 1/22/2022 1:17:28 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/22/2022 1:22:07 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromFile | BL2000\mchavez | 1/22/2022 1:22:08 PM | Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|----------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/22/2022 1:22:19 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/22/2022 1:22:19 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/22/2022 1:22:19 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:22:36 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/22/2022 1:22:47 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 1/22/2022 1:23:39 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-1 | | | ✓ | |
| CmdSetLevelEnable | BL2000\mchavez | 1/22/2022 1:26:22 PM | Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,2,3-Trichloropropane in sample 19JAN01.D; previous value = True | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:26:43 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:30:44 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/22/2022 1:30:55 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\mchavez | 1/22/2022 1:30:55 PM | Import method from sample 19JAN04.D | | | ✓ | |
| CmdSaveMethodAs | BL2000\mchavez | 1/22/2022 1:31:07 PM | Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/22/2022 1:31:24 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/22/2022 1:31:24 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/22/2022 1:31:24 PM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:31:40 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 1/22/2022 1:32:14 PM | Start method editing | | | ✓ | |
| CmdImportMethodFromFile | BL2000\mchavez | 1/22/2022 1:32:15 PM | Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 1/22/2022 1:32:26 PM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 1/22/2022 1:32:26 PM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 1/22/2022 1:32:26 PM | End method editing | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdQuantitate | BL2000\mchavez | 1/22/2022 1:32:42 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 1/22/2022 1:34:07 PM | Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 1/22/2022 1:34:47 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 1/22/2022 1:35:58 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-2 | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/14/2022 3:08:22 PM | Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 2/14/2022 3:09:56 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-3 | | | ✓ | |

Energy Laboratories Inc

ANALYTICAL RUN Summary

22-Mar-22

Run ID VOA5975C.I_220225A

| |
|----------------------------------|
| Run Start Date: 2/25/2022 |
| Analyst: Melissa Chavez |
| Ical: |
| Column ID: |
| Comments: |

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|-----------|---|------------|-----------|-------------|------------|------------|-----------------|
| VOCF3559B | MtBE | 1.05 | ul | 42 | ml | CCV | 2/27/2022 |
| VOCF3567B | 2nd Source Ketones | 1.05 | ul | 42 | ml | LCS, MS, M | 3/12/2022 |
| VOCF3579A | 2nd Source Liquids | 1.05 | ul | 42 | ml | LCS, MS, M | 2/28/2022 |
| VOCF3582A | 2nd Source MtBE | 1.05 | ul | 42 | ml | LCS, MS, M | 3/1/2022 |
| VOCF3590 | Internal Standard / Surrogates (INT/SURR) | 8.4 | ul | 42 | ml | ALL (TUNE | 8/3/2022 |
| VOCF3599A | Liquids | 1.05 | ul | 42 | ml | CCV | 3/14/2022 |
| VOCF3601B | Gases | 1.05 | ul | 42 | ml | CCV | 3/3/2022 |
| VOCF3603A | 2nd Source Gases | 1.05 | ul | 42 | ml | LCS, MS, M | 2/25/2022 |
| VOCF3606 | Ketones | 1.05 | ul | 42 | ml | CCV | 3/25/2022 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------|--------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|-------|------|---|
| 15061966 | 25FEB03_D_TU | VOC-8260-BFB | TUNE | DA5975C\VG022:2/25/2022 | 10:09: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 173, % of mass 174 | A | % | 0 | 0 | | 100 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 1.99 | 0% | |
| 174, % of mass 95 | A | % | 91.7 | 91.7 | | 100 | 0 | 0 | 0 | 0 | 0 | 92% | 50 | 99.99 | 0% | |
| 175, % of mass 174 | A | % | 6.9 | 6.9 | | 100 | 0 | 0 | 0 | 0 | 0 | 7% | 5 | 9 | 0% | |
| 176, % of mass 174 | A | % | 97.1 | 97.1 | | 100 | 0 | 0 | 0 | 0 | 0 | 97% | 95 | 101 | 0% | |
| 177, % of mass 176 | A | % | 6.6 | 6.6 | | 100 | 0 | 0 | 0 | 0 | 0 | 7% | 5 | 9 | 0% | |
| 50, % of mass 95 | A | % | 21.1 | 21.1 | | 100 | 0 | 0 | 0 | 0 | 0 | 21% | 15 | 40 | 0% | |
| 75, % of mass 95 | A | % | 53.8 | 53.8 | | 100 | 0 | 0 | 0 | 0 | 0 | 54% | 30 | 60 | 0% | |
| 95, Base Peak | A | % | 100 | 100 | | 100 | 0 | 0 | 0 | 0 | 0 | 100% | 0 | 100 | 0% | |
| 96, % of mass 95 | A | % | 7 | 7 | | 100 | 0 | 0 | 0 | 0 | 0 | 7% | 5 | 9 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061967 | CCV022522_ | VOC-8260-W-Q | CCV | DA5975C\VG022:2/25/2022 | 10:46: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 129.2589 | 5.170356 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 129.57759 | 5.1831036 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 138.46143 | 5.5384572 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 111% | 80 | 120 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 129.54241 | 5.1816964 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 131.24191 | 5.2496764 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 126.88603 | 5.0754412 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 131.77626 | 5.2710504 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 136.48586 | 5.4594344 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 109% | 80 | 120 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 135.18765 | 5.407506 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 108% | 80 | 120 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 128.10115 | 5.124046 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 126.31852 | 5.0527408 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 131.64501 | 5.2658004 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 129.93825 | 5.19753 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 133.22419 | 5.3289676 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 107% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 130.15617 | 5.2062468 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 132.28046 | 5.2912184 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 106% | 80 | 120 | 0% | |
| 2-Chlorotoluene | A | ug/L | 134.29892 | 5.3719568 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 107% | 80 | 120 | 0% | |
| 4-Chlorotoluene | A | ug/L | 136.37555 | 5.455022 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 109% | 80 | 120 | 0% | |
| Benzene | A | ug/L | 129.70387 | 5.1881548 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| Bromobenzene | A | ug/L | 133.11994 | 5.3247976 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 106% | 80 | 120 | 0% | |
| Bromochloromethane | A | ug/L | 123.56373 | 4.9425492 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 99% | 80 | 120 | 0% | |
| Bromodichloromethane | A | ug/L | 131.60415 | 5.264166 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| Bromoform | A | ug/L | 131.94038 | 5.2776152 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 106% | 80 | 120 | 0% | |
| Bromomethane | A | ug/L | 122.29446 | 4.8917784 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| Carbon tetrachloride | A | ug/L | 130.1527 | 5.206108 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| Chlorobenzene | A | ug/L | 130.5546 | 5.222184 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 104% | 80 | 120 | 0% | |
| Chlorodibromomethane | A | ug/L | 131.18727 | 5.2474908 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| Chloroethane | A | ug/L | 125.20387 | 5.0081548 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Chloroform | A | ug/L | 125.57514 | 5.0230056 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Chloromethane | A | ug/L | 124.67063 | 4.9868252 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 127.69439 | 5.1077756 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 128.63296 | 5.1453184 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Dibromomethane | A | ug/L | 131.41364 | 5.2565456 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 105% | 80 | 120 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 122.85383 | 4.9141532 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| Ethylbenzene | A | ug/L | 127.55398 | 5.1021592 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 102% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061967 | CCV022522_ | VOC-8260-W-Q | CCV | DA5975C\VG022:2/25/2022 | 10:46: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 256.41639 | 10.2566556 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 103% | 80 | 120 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1191.86445 | 47.674578 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 95% | 80 | 120 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 124.34839 | 4.9739356 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 99% | 80 | 120 | 0% | |
| Methylene chloride | A | ug/L | 126.99336 | 5.0797344 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| o-Xylene | A | ug/L | 124.90134 | 4.9960536 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Styrene | A | ug/L | 126.79405 | 5.071762 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Tetrachloroethene | A | ug/L | 127.60884 | 5.1043536 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 102% | 80 | 120 | 0% | |
| Toluene | A | ug/L | 133.77698 | 5.3510792 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 107% | 80 | 120 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 123.7178 | 4.948712 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 99% | 80 | 120 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 134.07602 | 5.3630408 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 107% | 80 | 120 | 0% | |
| Trichloroethene | A | ug/L | 128.54249 | 5.1416996 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Trichlorofluoromethane | A | ug/L | 129.03444 | 5.1613776 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 103% | 80 | 120 | 0% | |
| Vinyl chloride | A | ug/L | 122.20907 | 4.8883628 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 98% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 381.31773 | 15.2527092 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 102% | 80 | 120 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 281.78769 | 11.2715076 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 113% | 80 | 120 | 0% | |
| Dibromofluoromethane | S | ug/L | 270.9471 | 10.837884 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 108% | 80 | 120 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 269.87558 | 10.7950232 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 108% | 80 | 120 | 0% | |
| Toluene-d8 | S | ug/L | 274.35593 | 10.9742372 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 110% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061968 | LCS022522_ | VOC-8260-W-Q | LCS-DOD | DA5975C\VG022:2/25/2022 | 11:42: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 115.22864 | 4.6091456 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 92% | 78 | 124 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 115.24975 | 4.60999 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 92% | 74 | 131 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 125.75271 | 5.0301084 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 101% | 71 | 121 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 124.03729 | 4.9614916 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 99% | 80 | 119 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 118.5962 | 4.743848 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 95% | 77 | 125 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 115.57238 | 4.6228952 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 92% | 71 | 131 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 111.70708 | 4.4682832 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 89% | 79 | 125 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 119.73558 | 4.7894232 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 96% | 73 | 125 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 120.16905 | 4.806762 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 96% | 78 | 122 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061968 | LCS022522_ | VOC-8260-W-Q | LCS-DOD | DA5975C\VG022:2/25/2022 | 11:42: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichlorobenzene | A | ug/L | 121.91795 | 4.876718 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 98% | 80 | 119 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 114.72367 | 4.5889468 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 92% | 73 | 128 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 120.86893 | 4.8347572 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 97% | 78 | 122 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 125.37575 | 5.01503 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 100% | 80 | 119 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 120.66047 | 4.8264188 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 97% | 80 | 119 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 122.4813 | 4.899252 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 98% | 79 | 118 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 119.90434 | 4.7961736 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 96% | 60 | 139 | 0% | |
| 2-Chlorotoluene | A | ug/L | 123.03874 | 4.9215496 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 98% | 79 | 122 | 0% | |
| 4-Chlorotoluene | A | ug/L | 128.36045 | 5.134418 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 103% | 78 | 122 | 0% | |
| Benzene | A | ug/L | 118.26767 | 4.7307068 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 95% | 79 | 120 | 0% | |
| Bromobenzene | A | ug/L | 125.47178 | 5.0188712 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 100% | 80 | 120 | 0% | |
| Bromochloromethane | A | ug/L | 114.44637 | 4.5778548 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 92% | 78 | 123 | 0% | |
| Bromodichloromethane | A | ug/L | 122.30502 | 4.8922008 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 98% | 79 | 125 | 0% | |
| Bromoform | A | ug/L | 123.50414 | 4.9401656 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 99% | 66 | 130 | 0% | |
| Bromomethane | A | ug/L | 120.84363 | 4.8337452 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 97% | 53 | 141 | 0% | |
| Carbon tetrachloride | A | ug/L | 115.21056 | 4.6084224 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 92% | 72 | 136 | 0% | |
| Chlorobenzene | A | ug/L | 121.92926 | 4.8771704 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 98% | 82 | 118 | 0% | |
| Chlorodibromomethane | A | ug/L | 117.22892 | 4.6891568 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 94% | 74 | 126 | 0% | |
| Chloroethane | A | ug/L | 131.4515 | 5.25806 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 105% | 60 | 138 | 0% | |
| Chloroform | A | ug/L | 111.32784 | 4.4531136 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 89% | 79 | 124 | 0% | |
| Chloromethane | A | ug/L | 127.4768 | 5.099072 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 102% | 50 | 139 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 115.93094 | 4.6372376 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 93% | 78 | 123 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 113.63438 | 4.5453752 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 91% | 75 | 124 | 0% | |
| Dibromomethane | A | ug/L | 120.60201 | 4.8240804 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 96% | 79 | 123 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 122.73499 | 4.9093996 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 98% | 32 | 152 | 0% | |
| Ethylbenzene | A | ug/L | 117.52841 | 4.7011364 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 94% | 79 | 121 | 0% | |
| m+p-Xylenes | A | ug/L | 228.85234 | 9.1540936 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 92% | 80 | 121 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1240.50878 | 49.6203512 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 99% | 56 | 143 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 116.29041 | 4.6516164 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 93% | 71 | 124 | 0% | |
| Methylene chloride | A | ug/L | 116.17997 | 4.6471988 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 93% | 74 | 124 | 0% | |
| o-Xylene | A | ug/L | 118.73911 | 4.7495644 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 95% | 78 | 122 | 0% | |
| Styrene | A | ug/L | 119.25391 | 4.7701564 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 95% | 78 | 123 | 0% | |
| Tetrachloroethene | A | ug/L | 114.37331 | 4.5749324 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 91% | 74 | 129 | 0% | |
| Toluene | A | ug/L | 121.2586 | 4.850344 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 97% | 80 | 121 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 118.55497 | 4.7421988 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 95% | 75 | 124 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061968 | LCS022522_ | VOC-8260-W-Q | LCS-DOD | DA5975C\VG022:2/25/2022 | 11:42: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| trans-1,3-Dichloropropene | A | ug/L | 123.73996 | 4.9495984 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 99% | 73 | 127 | 0% | |
| Trichloroethene | A | ug/L | 119.37542 | 4.7750168 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 96% | 79 | 123 | 0% | |
| Trichlorofluoromethane | A | ug/L | 136.54814 | 5.4619256 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 109% | 65 | 141 | 0% | |
| Vinyl chloride | A | ug/L | 135.28356 | 5.4113424 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 108% | 58 | 137 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 347.59145 | 13.903658 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 93% | 79 | 121 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 284.43506 | 11.3774024 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 114% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 272.40631 | 10.8962524 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 109% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 268.80664 | 10.7522656 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 108% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 273.01652 | 10.9206608 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 109% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|-------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061969 | MBLK022522_ | VOC-8260-W-Q | MBLK | DA5975C\VG022:2/25/2022 | 12:37: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 4-Chlorotoluene | A | ug/L | 0.06483 | 0 | | 0 | 0 | 0 | 0.0728 | 0.5 | 500 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|-------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061969 | MBLK022522_ | VOC-8260-W-Q | MBLK | DA5975C\VG022 | 2/25/2022 12:37: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloroform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0789 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Chloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.162 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 0.5 | 1000 | 0% | 0 | 0 | 0% | |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 10 | 5000 | 0% | 0 | 0 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Methylene chloride | A | ug/L | 1.65256 | 0 | | 0 | 0 | 0 | 0.338 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Toluene | A | ug/L | 0.05878 | 0 | | 0 | 0 | 0 | 0.0679 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 0.5 | 500 | 0% | 0 | 0 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 1500 | 0% | 0 | 0 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 284.77746 | 11.3910984 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 114% | 81 | 118 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------------------|-------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061969 | MBLK022522_ | VOC-8260-W-Q | MBLK | DA5975C\VG022:2/25/2022 | 12:37: | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Dibromofluoromethane | S | ug/L | 280.77853 | 11.2311412 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 112% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 264.62606 | 10.5850424 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 106% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 263.53903 | 10.5415612 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 105% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061970 | B22021627-001 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 1:31:0 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061971 | B22021627-006 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 1:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|----|
| 15061971 | B22021627-006 | VOC-8260-W-S | SAMP | DA5975C\VG022 | 2/25/2022 1:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0.54564 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 2.72603 | 0.1090412 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | J |
| Chloromethane | A | ug/L | 0.6023 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 1.13548 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 3.48446 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 0.78569 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 2.6611 | 0.106444 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | J |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | UT |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 7.28104 | 0.2458224 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | | | 0% | J |
| Xylenes, Total | M | ug/L | 6.14556 | 0.106444 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | 0 | 0 | 0% | J |
| 1,2-Dichloroethane-d4 | S | ug/L | 296.65194 | 11.8660776 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 119% | 81 | 118 | 0% | S |
| Dibromofluoromethane | S | ug/L | 287.23684 | 11.4894736 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 115% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 256.17239 | 10.2468956 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 102% | 85 | 114 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061971 | B22021627-006 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 1:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Toluene-d8 | S | ug/L | 266.8131 | 10.672524 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 107% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061972 | B22021627-011 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 2:25:2 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0.39854 | 0 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061972 | B22021627-011 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 2:25:2 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Chloromethane | A | ug/L | 0.39969 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | | | 0% | U |
| Xylenes, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane-d4 | S | ug/L | 280.6977 | 11.227908 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 112% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 275.35884 | 11.0143536 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 110% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 268.67748 | 10.7470992 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 107% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 266.74191 | 10.6696764 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 107% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061973 | B22021627-001 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 2:52:4 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061973 | B22021627-001 | VOC-8260-W-S | SAMP | DA5975C\VG022 | 2/25/2022 2:52:4 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0.98801 | 0 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloromethane | A | ug/L | 0.66101 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|----|
| 15061973 | B22021627-001 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 2:52:4 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 0.80322 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 1.16565 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 0.42565 | 0 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | UT |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 1.5913 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 0 | 0% | | | 0% | U |
| Xylenes, Total | M | ug/L | 1.16565 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 0 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane-d4 | S | ug/L | 295.38109 | 11.8152436 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 118% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 280.93592 | 11.2374368 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 112% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 271.39299 | 10.8557196 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 109% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 264.68109 | 10.5872436 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 106% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061981 | B22021627-006 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 3:20:0 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061982 | B22021627-002 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 4:14:3 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061982 | B22021627-002 | VOC-8260-W-S | SAMP | DA5975C\VG022 | 2/25/2022 4:14:3 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 2.18282 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061982 | B22021627-002 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 4:14:3 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 1.7344 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 1.96358 | 0.0785432 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | J |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 4.1464 | 0.165856 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | | | 0% | J |
| Xylenes, Total | M | ug/L | 2.18282 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane-d4 | S | ug/L | 291.48111 | 11.6592444 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 117% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 271.50187 | 10.8600748 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 109% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 270.2271 | 10.809084 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 108% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 268.63251 | 10.7453004 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 107% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061983 | B22021627-007 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 4:42:0 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061983 | B22021627-007 | VOC-8260-W-S | SAMP | DA5975C\VG022 | 2/25/2022 4:42:0 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0.08747 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0.33632 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0.16942 | 0 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloromethane | A | ug/L | 0.54306 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 2.18679 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 1.33546 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 4.22449 | 0.1689796 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | J |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061983 | B22021627-007 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 4:42:0 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 6.49875 | 0.2564512 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | | | 0% | J |
| Xylenes, Total | M | ug/L | 2.18679 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane-d4 | S | ug/L | 292.39131 | 11.6956524 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 117% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 280.06737 | 11.2026948 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 112% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 273.62682 | 10.9450728 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 109% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 265.05237 | 10.6020948 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 106% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061984 | B22021627-012 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 5:09:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 1 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061984 | B22021627-012 | VOC-8260-W-S | SAMP | DA5975C\VG022 | 2/25/2022 5:09:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0789 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Chloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.162 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 1 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 20 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 2.38577 | 0 | | 0 | 0 | 0 | 0.338 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0679 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 1 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0% | 0 | 0 | 0% | |
| BETX, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | | | 0% | U |
| Xylenes, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 1 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|-----------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061984 | B22021627-012 | VOC-8260-W-S | SAMP | DA5975C\VG022:2/25/2022 | 5:09:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichloroethane-d4 | S | ug/L | 283.36824 | 11.3347296 | | 10 | 0 | 0 | 0.229 | 1 | 500 | 113% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 275.43728 | 11.0174912 | | 10 | 0 | 0 | 0.129 | 1 | 500 | 110% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 265.19166 | 10.6076664 | | 10 | 0 | 0 | 0.149 | 1 | 500 | 106% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 262.88048 | 10.5152192 | | 10 | 0 | 0 | 0.23 | 1 | 500 | 105% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061985 | B22021627-011 | VOC-8260-W-Q | SAMP | DA5975C\VG022:2/25/2022 | 2:25:2 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,1-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.131 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0872 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1,2-Trichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.135 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,1-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.083 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2,3-Trichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.235 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dibromoethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0916 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0746 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.116 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0847 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0803 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,3-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0791 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0858 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 2,2-Dichloropropane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.186 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 2-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0876 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 4-Chlorotoluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0728 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Benzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Bromobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0831 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Bromochloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.141 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Bromodichloromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.12 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Bromoform | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.119 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Bromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.253 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Carbon tetrachloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.143 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Chlorobenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0914 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061985 | B22021627-011 | VOC-8260-W-Q | SAMP | DA5975C\VG022:2/25/2022 | 2:25:2 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Chlorodibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0841 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.169 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Chloroform | A | ug/L | 0.39854 | 0 | | 0 | 0 | 0 | 0.0789 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Chloromethane | A | ug/L | 0.39969 | 0 | | 0 | 0 | 0 | 0.162 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.108 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| cis-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.073 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Dibromomethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.147 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Dichlorodifluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.175 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Ethylbenzene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0836 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| m+p-Xylenes | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.15 | 0.5 | 1000 | 0% | 0 | 0 | 0% | U |
| Methyl ethyl ketone | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 1.77 | 10 | 5000 | 0% | 0 | 0 | 0% | U |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.101 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Methylene chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.338 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| o-Xylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Styrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.067 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Tetrachloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0671 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Toluene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0679 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,2-Dichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.125 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| trans-1,3-Dichloropropene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0846 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Trichloroethene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0993 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Trichlorofluoromethane | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.134 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| Vinyl chloride | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.153 | 0.5 | 500 | 0% | 0 | 0 | 0% | U |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0604 | 0.5 | 1500 | 0% | 0 | 0 | 0% | U |
| 1,2-Dichloroethane-d4 | S | ug/L | 280.6977 | 11.227908 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 112% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 275.35884 | 11.0143536 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 110% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 268.67748 | 10.7470992 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 107% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 266.74191 | 10.6696764 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 107% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061986 | B22021627-011 | VOC-8260-W-Q | MS-DOD | DA5975C\VG022:2/25/2022 | 5:36:3 | 1 | R375412 | | 2E+07 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061986 | B22021627-011 | VOC-8260-W-Q | MS-DOD | DA5975C\VG022:2/25/2022 | 5:36:3 | 1 | R375412 | | 2E+07 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 120.96831 | 4.8387324 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 97% | 78 | 124 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 120.08323 | 4.8033292 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 96% | 74 | 131 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 124.74845 | 4.989938 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 100% | 71 | 121 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 120.82175 | 4.83287 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 97% | 80 | 119 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 121.34974 | 4.8539896 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 97% | 77 | 125 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 117.76097 | 4.7104388 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 94% | 71 | 131 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 117.10936 | 4.6843744 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 94% | 79 | 125 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 116.55934 | 4.6623736 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 93% | 73 | 125 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 117.48109 | 4.6992436 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 94% | 78 | 122 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 122.54832 | 4.9019328 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 98% | 80 | 119 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 118.0219 | 4.720876 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 94% | 73 | 128 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 119.86007 | 4.7944028 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 96% | 78 | 122 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 124.95909 | 4.9983636 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 100% | 80 | 119 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 116.26114 | 4.6504456 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 93% | 80 | 119 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 125.28077 | 5.0112308 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 100% | 79 | 118 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 123.7223 | 4.948892 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 99% | 60 | 139 | 0% | |
| 2-Chlorotoluene | A | ug/L | 131.74035 | 5.269614 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 105% | 79 | 122 | 0% | |
| 4-Chlorotoluene | A | ug/L | 133.31762 | 5.3327048 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 107% | 78 | 122 | 0% | |
| Benzene | A | ug/L | 120.90951 | 4.8363804 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 97% | 79 | 120 | 0% | |
| Bromobenzene | A | ug/L | 125.66788 | 5.0267152 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 101% | 80 | 120 | 0% | |
| Bromochloromethane | A | ug/L | 115.0739 | 4.602956 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 92% | 78 | 123 | 0% | |
| Bromodichloromethane | A | ug/L | 121.54633 | 4.8618532 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 97% | 79 | 125 | 0% | |
| Bromoform | A | ug/L | 120.87792 | 4.8351168 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 97% | 66 | 130 | 0% | |
| Bromomethane | A | ug/L | 92.53175 | 3.70127 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 74% | 53 | 141 | 0% | |
| Carbon tetrachloride | A | ug/L | 120.56726 | 4.8226904 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 96% | 72 | 136 | 0% | |
| Chlorobenzene | A | ug/L | 124.16033 | 4.9664132 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 99% | 82 | 118 | 0% | |
| Chlorodibromomethane | A | ug/L | 121.37351 | 4.8549404 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 97% | 74 | 126 | 0% | |
| Chloroethane | A | ug/L | 117.58906 | 4.7035624 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 94% | 60 | 138 | 0% | |
| Chloroform | A | ug/L | 113.06899 | 4.5227596 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 90% | 79 | 124 | 0% | |
| Chloromethane | A | ug/L | 116.62246 | 4.6648984 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 93% | 50 | 139 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 118.66647 | 4.7466588 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 95% | 78 | 123 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 112.65824 | 4.5063296 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 90% | 75 | 124 | 0% | |
| Dibromomethane | A | ug/L | 119.40925 | 4.77637 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 96% | 79 | 123 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 117.10025 | 4.68401 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 94% | 32 | 152 | 0% | |
| Ethylbenzene | A | ug/L | 121.53367 | 4.8613468 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 97% | 79 | 121 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061986 | B22021627-011 | VOC-8260-W-Q | MS-DOD | DA5975C\VG022:2/25/2022 | 5:36:3 | 1 | R375412 | | 2E+07 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| m+p-Xylenes | A | ug/L | 238.06215 | 9.522486 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 95% | 80 | 121 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1191.85151 | 47.6740604 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 95% | 56 | 143 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 112.66409 | 4.5065636 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 90% | 71 | 124 | 0% | |
| Methylene chloride | A | ug/L | 115.42054 | 4.6168216 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 92% | 74 | 124 | 0% | |
| o-Xylene | A | ug/L | 122.82377 | 4.9129508 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 98% | 78 | 122 | 0% | |
| Styrene | A | ug/L | 122.25783 | 4.8903132 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 98% | 78 | 123 | 0% | |
| Tetrachloroethene | A | ug/L | 124.57749 | 4.9830996 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 100% | 74 | 129 | 0% | |
| Toluene | A | ug/L | 123.8773 | 4.955092 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 99% | 80 | 121 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 117.00698 | 4.6802792 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 94% | 75 | 124 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 126.62255 | 5.064902 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 101% | 73 | 127 | 0% | |
| Trichloroethene | A | ug/L | 121.40865 | 4.856346 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 97% | 79 | 123 | 0% | |
| Trichlorofluoromethane | A | ug/L | 122.56601 | 4.9026404 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 98% | 65 | 141 | 0% | |
| Vinyl chloride | A | ug/L | 122.44406 | 4.8977624 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 98% | 58 | 137 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 360.88592 | 14.4354368 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 96% | 79 | 121 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 269.80066 | 10.7920264 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 108% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 271.24555 | 10.849822 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 108% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 262.56716 | 10.5026864 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 105% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 278.51829 | 11.1407316 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 111% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061987 | B22021627-011 | VOC-8260-W-Q | MSD-DOD | DA5975C\VG022:2/25/2022 | 6:03:5 | 1 | R375412 | | 2E+07 | 2E+07 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 125.97773 | 5.0391092 | | 5 | 0 | 4.8387324 | 0.101 | 0.5 | 500 | 101% | 78 | 124 | 4% | |
| 1,1,1-Trichloroethane | A | ug/L | 127.26104 | 5.0904416 | | 5 | 0 | 4.8033292 | 0.131 | 0.5 | 500 | 102% | 74 | 131 | 6% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 135.08628 | 5.4034512 | | 5 | 0 | 4.989938 | 0.0872 | 0.5 | 500 | 108% | 71 | 121 | 8% | |
| 1,1,2-Trichloroethane | A | ug/L | 126.62883 | 5.0651532 | | 5 | 0 | 4.83287 | 0.108 | 0.5 | 500 | 101% | 80 | 119 | 5% | |
| 1,1-Dichloroethane | A | ug/L | 123.85325 | 4.95413 | | 5 | 0 | 4.8539896 | 0.135 | 0.5 | 500 | 99% | 77 | 125 | 2% | |
| 1,1-Dichloroethene | A | ug/L | 122.58265 | 4.903306 | | 5 | 0 | 4.7104388 | 0.141 | 0.5 | 500 | 98% | 71 | 131 | 4% | |
| 1,1-Dichloropropene | A | ug/L | 120.72084 | 4.8288336 | | 5 | 0 | 4.6843744 | 0.083 | 0.5 | 500 | 97% | 79 | 125 | 3% | |
| 1,2,3-Trichloropropane | A | ug/L | 127.67692 | 5.1070768 | | 5 | 0 | 4.6623736 | 0.235 | 0.5 | 500 | 102% | 73 | 125 | 9% | |
| 1,2-Dibromoethane | A | ug/L | 128.03659 | 5.1214636 | | 5 | 0 | 4.6992436 | 0.0916 | 0.5 | 500 | 102% | 78 | 122 | 9% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|---------------|--------------|------------|---------------|------------------|-------|-------------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061987 | B22021627-011 | VOC-8260-W-Q | MSD-DOD | DA5975C\VG022 | 2/25/2022 6:03:5 | 1 | R375412 | | 2E+07 | 2E+07 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,2-Dichlorobenzene | A | ug/L | 129.42998 | 5.1771992 | | 5 | 0 4.9019328 | 0.0746 | 0.5 | 500 | 104% | 80 | 119 | 5% | | |
| 1,2-Dichloroethane | A | ug/L | 119.69375 | 4.78775 | | 5 | 0 4.720876 | 0.116 | 0.5 | 500 | 96% | 73 | 128 | 1% | | |
| 1,2-Dichloropropane | A | ug/L | 129.39993 | 5.1759972 | | 5 | 0 4.7944028 | 0.0847 | 0.5 | 500 | 104% | 78 | 122 | 8% | | |
| 1,3-Dichlorobenzene | A | ug/L | 133.51129 | 5.3404516 | | 5 | 0 4.9983636 | 0.0803 | 0.5 | 500 | 107% | 80 | 119 | 7% | | |
| 1,3-Dichloropropane | A | ug/L | 123.0643 | 4.922572 | | 5 | 0 4.6504456 | 0.0791 | 0.5 | 500 | 98% | 80 | 119 | 6% | | |
| 1,4-Dichlorobenzene | A | ug/L | 129.65448 | 5.1861792 | | 5 | 0 5.0112308 | 0.0858 | 0.5 | 500 | 104% | 79 | 118 | 3% | | |
| 2,2-Dichloropropane | A | ug/L | 123.96829 | 4.9587316 | | 5 | 0 4.948892 | 0.186 | 0.5 | 500 | 99% | 60 | 139 | 0% | | |
| 2-Chlorotoluene | A | ug/L | 133.67703 | 5.3470812 | | 5 | 0 5.269614 | 0.0876 | 0.5 | 500 | 107% | 79 | 122 | 1% | | |
| 4-Chlorotoluene | A | ug/L | 137.76901 | 5.5107604 | | 5 | 0 5.3327048 | 0.0728 | 0.5 | 500 | 110% | 78 | 122 | 3% | | |
| Benzene | A | ug/L | 124.9254 | 4.997016 | | 5 | 0 4.8363804 | 0.0914 | 0.5 | 500 | 100% | 79 | 120 | 3% | | |
| Bromobenzene | A | ug/L | 131.84913 | 5.2739652 | | 5 | 0 5.0267152 | 0.0831 | 0.5 | 500 | 105% | 80 | 120 | 5% | | |
| Bromochloromethane | A | ug/L | 116.22688 | 4.6490752 | | 5 | 0 4.602956 | 0.141 | 0.5 | 500 | 93% | 78 | 123 | 1% | | |
| Bromodichloromethane | A | ug/L | 129.10832 | 5.1643328 | | 5 | 0 4.8618532 | 0.12 | 0.5 | 500 | 103% | 79 | 125 | 6% | | |
| Bromoform | A | ug/L | 123.27216 | 4.9308864 | | 5 | 0 4.8351168 | 0.119 | 0.5 | 500 | 99% | 66 | 130 | 2% | | |
| Bromomethane | A | ug/L | 99.34455 | 3.973782 | | 5 | 0 3.70127 | 0.253 | 0.5 | 500 | 79% | 53 | 141 | 7% | | |
| Carbon tetrachloride | A | ug/L | 126.81236 | 5.0724944 | | 5 | 0 4.8226904 | 0.143 | 0.5 | 500 | 101% | 72 | 136 | 5% | | |
| Chlorobenzene | A | ug/L | 128.25486 | 5.1301944 | | 5 | 0 4.9664132 | 0.0914 | 0.5 | 500 | 103% | 82 | 118 | 3% | | |
| Chlorodibromomethane | A | ug/L | 124.90989 | 4.9963956 | | 5 | 0 4.8549404 | 0.0841 | 0.5 | 500 | 100% | 74 | 126 | 3% | | |
| Chloroethane | A | ug/L | 118.41058 | 4.7364232 | | 5 | 0 4.7035624 | 0.169 | 0.5 | 500 | 95% | 60 | 138 | 1% | | |
| Chloroform | A | ug/L | 117.14615 | 4.685846 | | 5 | 0 4.5227596 | 0.0789 | 0.5 | 500 | 94% | 79 | 124 | 4% | | |
| Chloromethane | A | ug/L | 123.10926 | 4.9243704 | | 5 | 0 4.6648984 | 0.162 | 0.5 | 500 | 98% | 50 | 139 | 5% | | |
| cis-1,2-Dichloroethene | A | ug/L | 123.92091 | 4.9568364 | | 5 | 0 4.7466588 | 0.108 | 0.5 | 500 | 99% | 78 | 123 | 4% | | |
| cis-1,3-Dichloropropene | A | ug/L | 120.0395 | 4.80158 | | 5 | 0 4.5063296 | 0.073 | 0.5 | 500 | 96% | 75 | 124 | 6% | | |
| Dibromomethane | A | ug/L | 126.50248 | 5.0600992 | | 5 | 0 4.77637 | 0.147 | 0.5 | 500 | 101% | 79 | 123 | 6% | | |
| Dichlorodifluoromethane | A | ug/L | 121.01212 | 4.8404848 | | 5 | 0 4.68401 | 0.175 | 0.5 | 500 | 97% | 32 | 152 | 3% | | |
| Ethylbenzene | A | ug/L | 125.24227 | 5.0096908 | | 5 | 0 4.8613468 | 0.0836 | 0.5 | 500 | 100% | 79 | 121 | 3% | | |
| m+p-Xylenes | A | ug/L | 248.89047 | 9.9556188 | | 10 | 0 9.522486 | 0.15 | 0.5 | 1000 | 100% | 80 | 121 | 4% | | |
| Methyl ethyl ketone | A | ug/L | 1224.99184 | 48.9996736 | | 50 | 0 47.674060 | 1.77 | 10 | 5000 | 98% | 56 | 143 | 3% | | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 121.99204 | 4.8796816 | | 5 | 0 4.5065636 | 0.101 | 0.5 | 500 | 98% | 71 | 124 | 8% | | |
| Methylene chloride | A | ug/L | 117.94378 | 4.7177512 | | 5 | 0 4.6168216 | 0.338 | 0.5 | 500 | 94% | 74 | 124 | 2% | | |
| o-Xylene | A | ug/L | 125.83862 | 5.0335448 | | 5 | 0 4.9129508 | 0.0604 | 0.5 | 500 | 101% | 78 | 122 | 2% | | |
| Styrene | A | ug/L | 126.30412 | 5.0521648 | | 5 | 0 4.8903132 | 0.067 | 0.5 | 500 | 101% | 78 | 123 | 3% | | |
| Tetrachloroethene | A | ug/L | 126.43012 | 5.0572048 | | 5 | 0 4.9830996 | 0.0671 | 0.5 | 500 | 101% | 74 | 129 | 1% | | |
| Toluene | A | ug/L | 131.12119 | 5.2448476 | | 5 | 0 4.955092 | 0.0679 | 0.5 | 500 | 105% | 80 | 121 | 6% | | |
| trans-1,2-Dichloroethene | A | ug/L | 121.06485 | 4.842594 | | 5 | 0 4.6802792 | 0.125 | 0.5 | 500 | 97% | 75 | 124 | 3% | | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|---------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061987 | B22021627-011 | VOC-8260-W-Q | MSD-DOD | DA5975C\VG022:2/25/2022 | 6:03:5 | 1 | R375412 | | 2E+07 | 2E+07 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| trans-1,3-Dichloropropene | A | ug/L | 129.4347 | 5.177388 | | 5 | 0 | 5.064902 | 0.0846 | 0.5 | 500 | 104% | 73 | 127 | 2% | |
| Trichloroethene | A | ug/L | 124.93758 | 4.9975032 | | 5 | 0 | 4.856346 | 0.0993 | 0.5 | 500 | 100% | 79 | 123 | 3% | |
| Trichlorofluoromethane | A | ug/L | 134.14861 | 5.3659444 | | 5 | 0 | 4.9026404 | 0.134 | 0.5 | 500 | 107% | 65 | 141 | 9% | |
| Vinyl chloride | A | ug/L | 128.06381 | 5.1225524 | | 5 | 0 | 4.8977624 | 0.153 | 0.5 | 500 | 102% | 58 | 137 | 4% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 374.72909 | 14.9891636 | | 15 | 0 | 14.435437 | 0.0604 | 0.5 | 1500 | 100% | 79 | 121 | 4% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 274.44048 | 10.9776192 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 110% | 81 | 118 | 0% | |
| Dibromofluoromethane | S | ug/L | 266.79629 | 10.6718516 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 107% | 80 | 119 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 262.96263 | 10.5185052 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 105% | 85 | 114 | 0% | |
| Toluene-d8 | S | ug/L | 275.58623 | 11.0234492 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 110% | 89 | 112 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|---------------------------|--------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061988 | CCV022522_CI | VOC-8260-W-Q | CCV | DA5975C\VG022:2/25/2022 | 6:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 1,1,1,2-Tetrachloroethane | A | ug/L | 128.5281 | 5.141124 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 103% | 50 | 150 | 0% | |
| 1,1,1-Trichloroethane | A | ug/L | 130.64604 | 5.2258416 | | 5 | 0 | 0 | 0.131 | 0.5 | 500 | 105% | 50 | 150 | 0% | |
| 1,1,2,2-Tetrachloroethane | A | ug/L | 110.4631 | 4.418524 | | 5 | 0 | 0 | 0.0872 | 0.5 | 500 | 88% | 50 | 150 | 0% | |
| 1,1,2-Trichloroethane | A | ug/L | 120.38039 | 4.8152156 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| 1,1-Dichloroethane | A | ug/L | 121.57438 | 4.8629752 | | 5 | 0 | 0 | 0.135 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| 1,1-Dichloroethene | A | ug/L | 127.39764 | 5.0959056 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 102% | 50 | 150 | 0% | |
| 1,1-Dichloropropene | A | ug/L | 131.71088 | 5.2684352 | | 5 | 0 | 0 | 0.083 | 0.5 | 500 | 105% | 50 | 150 | 0% | |
| 1,2,3-Trichloropropane | A | ug/L | 123.52264 | 4.9409056 | | 5 | 0 | 0 | 0.235 | 0.5 | 500 | 99% | 50 | 150 | 0% | |
| 1,2-Dibromoethane | A | ug/L | 125.33199 | 5.0132796 | | 5 | 0 | 0 | 0.0916 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| 1,2-Dichlorobenzene | A | ug/L | 123.26785 | 4.930714 | | 5 | 0 | 0 | 0.0746 | 0.5 | 500 | 99% | 50 | 150 | 0% | |
| 1,2-Dichloroethane | A | ug/L | 120.88053 | 4.8352212 | | 5 | 0 | 0 | 0.116 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| 1,2-Dichloropropane | A | ug/L | 121.67797 | 4.8671188 | | 5 | 0 | 0 | 0.0847 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| 1,3-Dichlorobenzene | A | ug/L | 122.65291 | 4.9061164 | | 5 | 0 | 0 | 0.0803 | 0.5 | 500 | 98% | 50 | 150 | 0% | |
| 1,3-Dichloropropane | A | ug/L | 121.29329 | 4.8517316 | | 5 | 0 | 0 | 0.0791 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene | A | ug/L | 120.52928 | 4.8211712 | | 5 | 0 | 0 | 0.0858 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| 2,2-Dichloropropane | A | ug/L | 129.48584 | 5.1794336 | | 5 | 0 | 0 | 0.186 | 0.5 | 500 | 104% | 50 | 150 | 0% | |
| 2-Chlorotoluene | A | ug/L | 125.28054 | 5.0112216 | | 5 | 0 | 0 | 0.0876 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| 4-Chlorotoluene | A | ug/L | 127.11217 | 5.0844868 | | 5 | 0 | 0 | 0.0728 | 0.5 | 500 | 102% | 50 | 150 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|--------------------------------|--------------|--------------|------------|-------------------------|---------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| 15061988 | CCV022522_CI | VOC-8260-W-Q | CCV | DA5975C\VG022:2/25/2022 | 6:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| Benzene | A | ug/L | 121.6255 | 4.86502 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| Bromobenzene | A | ug/L | 125.12679 | 5.0050716 | | 5 | 0 | 0 | 0.0831 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Bromochloromethane | A | ug/L | 116.91493 | 4.6765972 | | 5 | 0 | 0 | 0.141 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| Bromodichloromethane | A | ug/L | 125.11633 | 5.0046532 | | 5 | 0 | 0 | 0.12 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Bromoform | A | ug/L | 119.52845 | 4.781138 | | 5 | 0 | 0 | 0.119 | 0.5 | 500 | 96% | 50 | 150 | 0% | |
| Bromomethane | A | ug/L | 117.51307 | 4.7005228 | | 5 | 0 | 0 | 0.253 | 0.5 | 500 | 94% | 50 | 150 | 0% | |
| Carbon tetrachloride | A | ug/L | 136.38356 | 5.4553424 | | 5 | 0 | 0 | 0.143 | 0.5 | 500 | 109% | 50 | 150 | 0% | |
| Chlorobenzene | A | ug/L | 125.33185 | 5.013274 | | 5 | 0 | 0 | 0.0914 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Chlorodibromomethane | A | ug/L | 126.96945 | 5.078778 | | 5 | 0 | 0 | 0.0841 | 0.5 | 500 | 102% | 50 | 150 | 0% | |
| Chloroethane | A | ug/L | 124.6849 | 4.987396 | | 5 | 0 | 0 | 0.169 | 0.5 | 500 | 100% | 50 | 150 | 0% | |
| Chloroform | A | ug/L | 119.15553 | 4.7662212 | | 5 | 0 | 0 | 0.0789 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| Chloromethane | A | ug/L | 116.0123 | 4.640492 | | 5 | 0 | 0 | 0.162 | 0.5 | 500 | 93% | 50 | 150 | 0% | |
| cis-1,2-Dichloroethene | A | ug/L | 118.45809 | 4.7383236 | | 5 | 0 | 0 | 0.108 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| cis-1,3-Dichloropropene | A | ug/L | 121.69361 | 4.8677444 | | 5 | 0 | 0 | 0.073 | 0.5 | 500 | 97% | 50 | 150 | 0% | |
| Dibromomethane | A | ug/L | 123.63199 | 4.9452796 | | 5 | 0 | 0 | 0.147 | 0.5 | 500 | 99% | 50 | 150 | 0% | |
| Dichlorodifluoromethane | A | ug/L | 126.84251 | 5.0737004 | | 5 | 0 | 0 | 0.175 | 0.5 | 500 | 101% | 50 | 150 | 0% | |
| Ethylbenzene | A | ug/L | 126.4422 | 5.057688 | | 5 | 0 | 0 | 0.0836 | 0.5 | 500 | 101% | 50 | 150 | 0% | |
| m+p-Xylenes | A | ug/L | 256.66739 | 10.2666956 | | 10 | 0 | 0 | 0.15 | 0.5 | 1000 | 103% | 50 | 150 | 0% | |
| Methyl ethyl ketone | A | ug/L | 1017.75535 | 40.710214 | | 50 | 0 | 0 | 1.77 | 10 | 5000 | 81% | 50 | 150 | 0% | |
| Methyl tert-butyl ether (MTBE) | A | ug/L | 118.30469 | 4.7321876 | | 5 | 0 | 0 | 0.101 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| Methylene chloride | A | ug/L | 114.14972 | 4.5659888 | | 5 | 0 | 0 | 0.338 | 0.5 | 500 | 91% | 50 | 150 | 0% | |
| o-Xylene | A | ug/L | 125.7388 | 5.029552 | | 5 | 0 | 0 | 0.0604 | 0.5 | 500 | 101% | 50 | 150 | 0% | |
| Styrene | A | ug/L | 127.46267 | 5.0985068 | | 5 | 0 | 0 | 0.067 | 0.5 | 500 | 102% | 50 | 150 | 0% | |
| Tetrachloroethene | A | ug/L | 132.81169 | 5.3124676 | | 5 | 0 | 0 | 0.0671 | 0.5 | 500 | 106% | 50 | 150 | 0% | |
| Toluene | A | ug/L | 131.22256 | 5.2489024 | | 5 | 0 | 0 | 0.0679 | 0.5 | 500 | 105% | 50 | 150 | 0% | |
| trans-1,2-Dichloroethene | A | ug/L | 118.68187 | 4.7472748 | | 5 | 0 | 0 | 0.125 | 0.5 | 500 | 95% | 50 | 150 | 0% | |
| trans-1,3-Dichloropropene | A | ug/L | 128.37373 | 5.1349492 | | 5 | 0 | 0 | 0.0846 | 0.5 | 500 | 103% | 50 | 150 | 0% | |
| Trichloroethene | A | ug/L | 128.63871 | 5.1455484 | | 5 | 0 | 0 | 0.0993 | 0.5 | 500 | 103% | 50 | 150 | 0% | |
| Trichlorofluoromethane | A | ug/L | 139.62309 | 5.5849236 | | 5 | 0 | 0 | 0.134 | 0.5 | 500 | 112% | 50 | 150 | 0% | |
| Vinyl chloride | A | ug/L | 109.41627 | 4.3766508 | | 5 | 0 | 0 | 0.153 | 0.5 | 500 | 88% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Chlorobenzene-d5 | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Fluorobenzene | I | ug/L | 250 | 10 | | 0 | 0 | 0 | 0 | 0 | 500 | 0% | 0 | 0 | 0% | |
| Xylenes, Total | M | ug/L | 382.40619 | 15.2962476 | | 15 | 0 | 0 | 0.0604 | 0.5 | 1500 | 102% | 50 | 150 | 0% | |
| 1,2-Dichloroethane-d4 | S | ug/L | 270.03631 | 10.8014524 | | 10 | 0 | 0 | 0.229 | 0.5 | 500 | 108% | 50 | 150 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist | | | | | |
|----------------------|--------------|--------------|------------|---------------|------------------|-------|----------|-----------|--------|--------|--------|------|-----|------|------|---|
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
| 15061988 | CCV022522_CI | VOC-8260-W-Q | CCV | DA5975C\VG022 | 2/25/2022 6:58:1 | 1 | R375412 | | 0 | 0 | | | | | | |
| Dibromofluoromethane | S | ug/L | 266.70897 | 10.6683588 | | 10 | 0 | 0 | 0.129 | 0.5 | 500 | 107% | 50 | 150 | 0% | |
| p-Bromofluorobenzene | S | ug/L | 252.36557 | 10.0946228 | | 10 | 0 | 0 | 0.149 | 0.5 | 500 | 101% | 50 | 150 | 0% | |
| Toluene-d8 | S | ug/L | 278.0539 | 11.122156 | | 10 | 0 | 0 | 0.23 | 0.5 | 500 | 111% | 50 | 150 | 0% | |

DATAFILE HEADERS FROM C:\MSDCHEM\1\DATA\VG022522

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB01.D
Sample Name : PRIMER
Operator : MSC
Date injected : 25 Feb 2022 9:01 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 1

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB02.D
Sample Name : BFB022522_
Operator : MSC
Date injected : 25 Feb 2022 9:28 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 2

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB03.D
Sample Name : BFB022522_
Operator : MSC
Date injected : 25 Feb 2022 10:09 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 3

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB04.D
Sample Name : CCV022522_
Operator : MSC
Date injected : 25 Feb 2022 10:46 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 4

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB05.D

Sample Name : LCS022522_
Operator : MSC
Date injected : 25 Feb 2022 11:42 am
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 5

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB06.D
Sample Name : BLK
Operator : MSC
Date injected : 25 Feb 2022 12:10 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 6

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB07.D
Sample Name : MBLK022522_
Operator : MSC
Date injected : 25 Feb 2022 12:37 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 7

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB08.D
Sample Name : B22021627-001F
Operator : MSC
Date injected : 25 Feb 2022 1:31 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 8

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB09.D
Sample Name : B22021627-006F
Operator : MSC
Date injected : 25 Feb 2022 1:58 pm

Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 9

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB10.D
Sample Name : B22021627-011F
Operator : MSC
Date injected : 25 Feb 2022 2:25 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 10

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB11.D
Sample Name : B22021627-001F
Operator : MSC
Date injected : 25 Feb 2022 2:52 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 11

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB12.D
Sample Name : B22021627-006F
Operator : MSC
Date injected : 25 Feb 2022 3:20 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 12

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB13.D
Sample Name : BLK
Operator : MSC
Date injected : 25 Feb 2022 3:47 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616

Start Time : 0.840
End Time : 16.498
Vial Number : 13

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB14.D
Sample Name : B22021627-002A
Operator : MSC
Date injected : 25 Feb 2022 4:14 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 14

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB15.D
Sample Name : B22021627-007A
Operator : MSC
Date injected : 25 Feb 2022 4:42 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 15

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB16.D
Sample Name : B22021627-012A
Operator : MSC
Date injected : 25 Feb 2022 5:09 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 16

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB17.D
Sample Name : B22021627-011FMS
Operator : MSC
Date injected : 25 Feb 2022 5:36 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 17

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB18.D
Sample Name : B22021627-011FMSD
Operator : MSC
Date injected : 25 Feb 2022 6:03 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 18

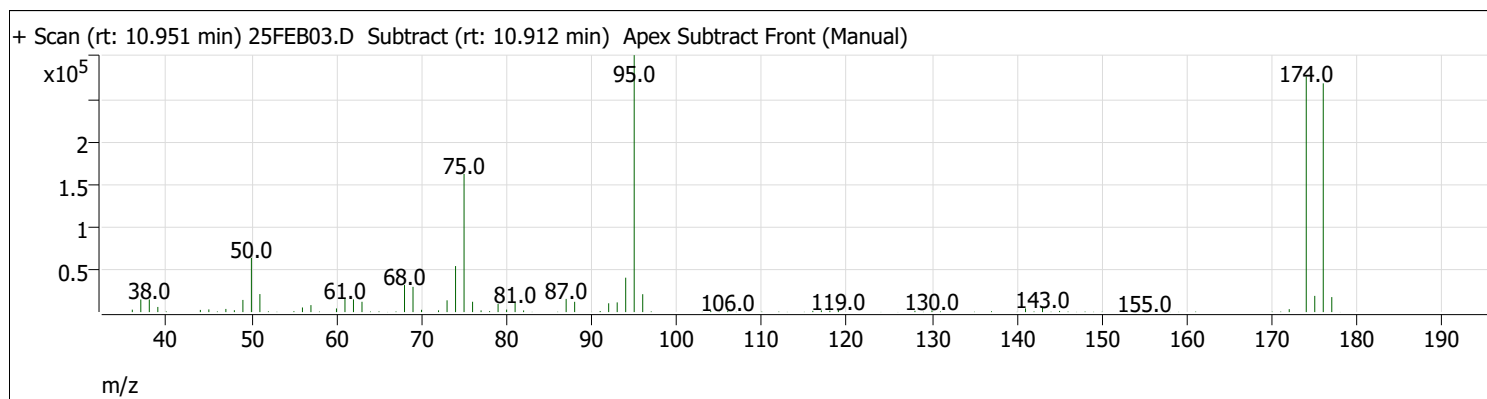
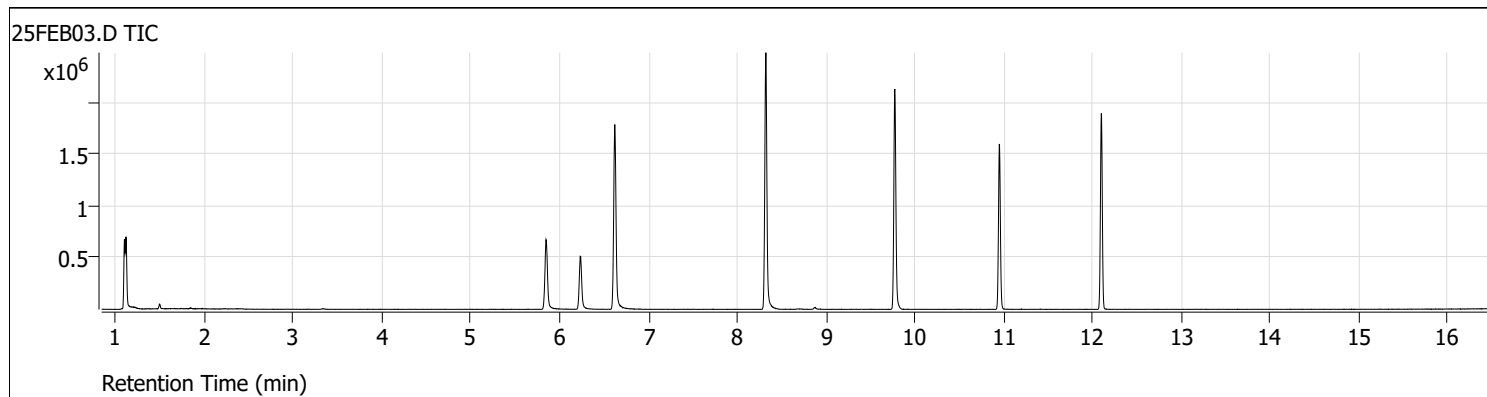
Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB19.D
Sample Name : BLK
Operator : MSC
Date injected : 25 Feb 2022 6:31 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 19

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB20.D
Sample Name : CCV022522_Closing
Operator : MSC
Date injected : 25 Feb 2022 6:58 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.839
End Time : 16.498
Vial Number : 20

Data file Name : C:\MSDCHEM\1\DATA\VG022522\25FEB21.D
Sample Name : BLK
Operator : MSC
Date injected : 25 Feb 2022 7:25 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 21

Tune Evaluation Report

Data Path: D:\Org\Data\VOA5975C\VG022522\25FEB03.D
 Acq on: 2/25/2022 10:09:28 AM
 Operator: MSC
 Sample: BFB022522_
 Inst Name: VOA5975C
 ALS Vial: 3
 Method: \\MASSHUNTER\Org\Data\Methods\BFBapex.m



| Target Mass | Rel. To Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|-----------|
| 50 | 95 | 15 | 40 | 21.1 | 63640 | Pass |
| 75 | 95 | 30 | 60 | 53.8 | 161929 | Pass |
| 95 | 95 | 100 | 100 | 100.0 | 301248 | Pass |
| 96 | 95 | 5 | 9 | 7.0 | 21000 | Pass |
| 173 | 174 | 0 | 2 | 0.0 | 0 | Pass |
| 174 | 95 | 50 | 100 | 91.7 | 276288 | Pass |
| 175 | 174 | 5 | 9 | 6.9 | 19024 | Pass |
| 176 | 174 | 95 | 101 | 97.1 | 268224 | Pass |
| 177 | 176 | 5 | 9 | 6.6 | 17616 | Pass |

Continuing Calibration Report

Batch Name D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m
Daily CC D:\Org\Data\VOA5975C\VG022522\FEB04.D

| Level name | Injection Time | Calibration Files |
|------------|-----------------------|--|
| 1 | 1/19/2022 10:48:21 AM | D:\Org\Data\VOA5975C\VG011922\19JAN04.D |
| 2 | 1/19/2022 11:15:33 AM | D:\Org\Data\VOA5975C\VG011922\19JAN05.D |
| 3 | 1/19/2022 11:42:44 AM | D:\Org\Data\VOA5975C\VG011922\19JAN06.D |
| 4 | 1/19/2022 12:09:57 PM | D:\Org\Data\VOA5975C\VG011922\19JAN07.D |
| 5 | 1/19/2022 1:04:20 PM | D:\Org\Data\VOA5975C\VG011922\19JAN09.D |
| 6 | 1/19/2022 1:58:41 PM | D:\Org\Data\VOA5975C\VG011922\19JAN11.D |
| 7 | 1/19/2022 2:53:18 PM | D:\Org\Data\VOA5975C\VG011922\19JAN13.D |
| 8 | 1/19/2022 3:47:49 PM | D:\Org\Data\VOA5975C\VG011922\19JAN15.D |
| CC | 2/25/2022 10:46:25 AM | D:\Org\Data\VOA5975C\VG022522\25FEB04.D <===== |

| ISTD Compound: | Avg Resp | Mid Resp | CC Resp | Area% | A/M |
|------------------------|----------|----------|---------|--------|-----|
| Fluorobenzene | 845168 | 806368 | 1085364 | 134.60 | M |
| Chlorobenzene-d5 | 327060 | 318877 | 418227 | 131.16 | M |
| 1,4-Dichlorobenzene-d4 | 269016 | 262955 | 339930 | 129.27 | M |

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|--------------------------------|----------|----------|-----------|------------|--------|--------|-----------|
| -----ISTD----- | | | | | | | |
| Dichlorodifluoromethane | 0.3362 | 0.3304 | 125.00 | 122.85 | 1.72 | 120.84 | Avg RF |
| Chloromethane | 0.3958 | 0.3947 | 125.00 | 124.67 | 0.26 | 125.86 | Avg RF |
| Vinyl chloride | 0.3602 | 0.3522 | 125.00 | 122.21 | 2.23 | 124.33 | Avg RF |
| Bromomethane | 0.9976 | 0.1527 | 125.00 | 122.29 | 2.16 | 139.18 | Quadratic |
| Chloroethane | 0.1704 | 0.1707 | 125.00 | 125.20 | -0.16 | 141.64 | Avg RF |
| Trichlorofluoromethane | 0.4320 | 0.4459 | 125.00 | 129.03 | -3.23 | 125.01 | Avg RF |
| 1,1-Dichloroethene | 0.2514 | 0.2551 | 125.00 | 126.89 | -1.51 | 131.06 | Avg RF |
| Methylene chloride | 0.3654 | 0.3713 | 125.00 | 126.99 | -1.59 | 134.36 | Avg RF |
| trans-1,2-Dichloroethene | 0.2597 | 0.2570 | 125.00 | 123.72 | 1.03 | 126.50 | Avg RF |
| Methyl tert-butyl ether (MTBE) | 0.3245 | 0.3229 | 125.00 | 124.35 | 0.52 | 127.91 | Avg RF |
| 1,1-Dichloroethane | 0.4860 | 0.5102 | 125.00 | 131.24 | -4.99 | 134.63 | Avg RF |
| 2,2-Dichloropropane | 0.3662 | 0.3876 | 125.00 | 132.28 | -5.82 | 137.06 | Avg RF |
| cis-1,2-Dichloroethene | 0.2629 | 0.2686 | 125.00 | 127.69 | -2.16 | 129.20 | Avg RF |
| Methyl ethyl ketone | 0.0380 | 0.0362 # | 1250.00 | 1191.86 | 4.65 | 127.58 | Avg RF |
| Bromochloromethane | 0.1084 | 0.1072 | 125.00 | 123.56 | 1.15 | 126.53 | Avg RF |
| Chloroform | 0.4852 | 0.4875 | 125.00 | 125.58 | -0.46 | 134.79 | Avg RF |
| 1,1,1-Trichloroethane | 0.4477 | 0.4641 | 125.00 | 129.58 | -3.66 | 132.93 | Avg RF |
| Dibromofluoromethane | 0.2421 | 0.2624 | 250.00 | 270.95 | -8.38 | 282.52 | Avg RF |
| Carbon tetrachloride | 0.4342 | 0.4521 | 125.00 | 130.15 | -4.12 | 133.36 | Avg RF |
| 1,1-Dichloropropene | 0.3630 | 0.3827 | 125.00 | 131.78 | -5.42 | 132.86 | Avg RF |
| 1,2-Dichloroethane-d4 | 0.1046 | 0.1179 | 250.00 | 281.79 | -12.72 | 282.40 | Avg RF |
| Benzene | 0.9987 | 1.0363 | 125.00 | 129.70 | -3.76 | 132.36 | Avg RF |
| 1,2-Dichloroethane | 0.2758 | 0.2788 | 125.00 | 126.32 | -1.05 | 138.73 | Avg RF |
| -----ISTD----- | | | | | | | |
| Chlorobenzene-d5 | | | | | | | |
| Trichloroethene | 0.7484 | 0.7696 | 125.00 | 128.54 | -2.83 | 133.55 | Avg RF |
| 1,2-Dichloropropane | 0.6580 | 0.6930 | 125.00 | 131.65 | -5.32 | 135.50 | Avg RF |
| Dibromomethane | 0.2774 | 0.2916 | 125.00 | 131.41 | -5.13 | 136.55 | Avg RF |
| Bromodichloromethane | 0.7799 | 0.8212 | 125.00 | 131.60 | -5.28 | 137.39 | Avg RF |
| cis-1,3-Dichloropropene | 0.8559 | 0.8807 | 125.00 | 128.63 | -2.91 | 131.92 | Avg RF |
| Toluene-d8 | 2.4390 | 2.6766 | 250.00 | 274.36 | -9.74 | 271.18 | Avg RF |
| Toluene | 1.6257 | 1.7399 | 125.00 | 133.78 | -7.02 | 134.98 | Avg RF |
| trans-1,3-Dichloropropene | 0.6243 | 0.6696 | 125.00 | 134.08 | -7.26 | 136.15 | Avg RF |
| 1,1,2-Trichloroethane | 0.3174 | 0.3290 | 125.00 | 129.54 | -3.63 | 130.34 | Avg RF |
| Tetrachloroethene | 0.6592 | 0.6730 | 125.00 | 127.61 | -2.09 | 128.88 | Avg RF |

Continuing Calibration Report

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|---------------------------|----------------|--------|-----------|------------|--------|--------|-----------|
| 1,3-Dichloropropane | 0.6424 | 0.6846 | 125.00 | 133.22 | -6.58 | 141.21 | Avg RF |
| Chlorodibromomethane | 0.5112 | 0.5365 | 125.00 | 131.19 | -4.95 | 134.90 | Avg RF |
| 1,2-Dibromoethane | 0.3506 | 0.3792 | 125.00 | 135.19 | -8.15 | 135.56 | Avg RF |
| Chlorobenzene | 1.7822 | 1.8614 | 125.00 | 130.55 | -4.44 | 134.53 | Avg RF |
| 1,1,1,2-Tetrachloroethane | 0.6253 | 0.6466 | 125.00 | 129.26 | -3.41 | 133.22 | Avg RF |
| Ethylbenzene | 0.9989 | 3.1720 | 125.00 | 127.55 | -2.04 | 131.31 | Quadratic |
| m+p-Xylenes | 0.9987 | 1.2703 | 250.00 | 256.42 | -2.57 | 130.94 | Quadratic |
| o-Xylene | 0.9987 | 1.0814 | 125.00 | 124.90 | 0.08 | 126.25 | Quadratic |
| Styrene | 0.9983 | 1.8164 | 125.00 | 126.79 | -1.44 | 129.76 | Quadratic |
| 1,4-Dichlorobenzene-d4 | -----ISTD----- | | | | | | |
| Bromoform | 0.3350 | 0.3536 | 125.00 | 131.94 | -5.55 | 133.42 | Avg RF |
| p-Bromofluorobenzene | 0.9231 | 0.9964 | 250.00 | 269.88 | -7.95 | 263.95 | Avg RF |
| Bromobenzene | 0.8140 | 0.8669 | 125.00 | 133.12 | -6.50 | 130.70 | Avg RF |
| 1,1,2,2-Tetrachloroethane | 0.4643 | 0.5143 | 125.00 | 138.46 | -10.77 | 139.55 | Avg RF |
| 1,2,3-Trichloropropane | 0.1220 | 0.1332 | 125.00 | 136.49 | -9.19 | 138.42 | Avg RF |
| 2-Chlorotoluene | 0.8056 | 0.8656 | 125.00 | 134.30 | -7.44 | 128.90 | Avg RF |
| 4-Chlorotoluene | 2.6094 | 2.8469 | 125.00 | 136.38 | -9.10 | 128.71 | Avg RF |
| 1,3-Dichlorobenzene | 1.4748 | 1.5331 | 125.00 | 129.94 | -3.95 | 130.02 | Avg RF |
| 1,4-Dichlorobenzene | 1.5036 | 1.5656 | 125.00 | 130.16 | -4.12 | 129.25 | Avg RF |
| 1,2-Dichlorobenzene | 1.2313 | 1.2619 | 125.00 | 128.10 | -2.48 | 126.37 | Avg RF |

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

Batch Name D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m
Daily CC D:\Org\Data\VOA5975C\VG022522\FEB20.D

| Level name | Injection Time | Calibration Files |
|------------|-----------------------|--|
| 1 | 1/19/2022 10:48:21 AM | D:\Org\Data\VOA5975C\VG011922\19JAN04.D |
| 2 | 1/19/2022 11:15:33 AM | D:\Org\Data\VOA5975C\VG011922\19JAN05.D |
| 3 | 1/19/2022 11:42:44 AM | D:\Org\Data\VOA5975C\VG011922\19JAN06.D |
| 4 | 1/19/2022 12:09:57 PM | D:\Org\Data\VOA5975C\VG011922\19JAN07.D |
| 5 | 1/19/2022 1:04:20 PM | D:\Org\Data\VOA5975C\VG011922\19JAN09.D |
| 6 | 1/19/2022 1:58:41 PM | D:\Org\Data\VOA5975C\VG011922\19JAN11.D |
| 7 | 1/19/2022 2:53:18 PM | D:\Org\Data\VOA5975C\VG011922\19JAN13.D |
| 8 | 1/19/2022 3:47:49 PM | D:\Org\Data\VOA5975C\VG011922\19JAN15.D |
| CC | 2/25/2022 6:58:18 PM | D:\Org\Data\VOA5975C\VG022522\25FEB20.D <===== |

| ISTD Compound: | Avg Resp | Mid Resp | CC Resp | Area% | A/M |
|------------------------|----------|----------|---------|--------|-----|
| Fluorobenzene | 845168 | 806368 | 943357 | 116.99 | M |
| Chlorobenzene-d5 | 327060 | 318877 | 357080 | 111.98 | M |
| 1,4-Dichlorobenzene-d4 | 269016 | 262955 | 312575 | 118.87 | M |

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|--------------------------------|----------|----------|-----------|------------|--------|--------|-----------|
| -----ISTD----- | | | | | | | |
| Dichlorodifluoromethane | 0.3362 | 0.3411 | 125.00 | 126.84 | -1.47 | 108.44 | Avg RF |
| Chloromethane | 0.3958 | 0.3673 | 125.00 | 116.01 | 7.19 | 101.80 | Avg RF |
| Vinyl chloride | 0.3602 | 0.3153 | 125.00 | 109.42 | 12.47 | 96.75 | Avg RF |
| Bromomethane | 0.9976 | 0.1463 | 125.00 | 117.51 | 5.99 | 115.96 | Quadratic |
| Chloroethane | 0.1704 | 0.1700 | 125.00 | 124.68 | 0.25 | 122.60 | Avg RF |
| Trichlorofluoromethane | 0.4320 | 0.4825 | 125.00 | 139.62 | -11.70 | 117.57 | Avg RF |
| 1,1-Dichloroethene | 0.2514 | 0.2562 | 125.00 | 127.40 | -1.92 | 114.37 | Avg RF |
| Methylene chloride | 0.3654 | 0.3337 | 125.00 | 114.15 | 8.68 | 104.97 | Avg RF |
| trans-1,2-Dichloroethene | 0.2597 | 0.2465 | 125.00 | 118.68 | 5.05 | 105.47 | Avg RF |
| Methyl tert-butyl ether (MTBE) | 0.3245 | 0.3072 | 125.00 | 118.30 | 5.36 | 105.77 | Avg RF |
| 1,1-Dichloroethane | 0.4860 | 0.4726 | 125.00 | 121.57 | 2.74 | 108.40 | Avg RF |
| 2,2-Dichloropropane | 0.3662 | 0.3794 | 125.00 | 129.49 | -3.59 | 116.61 | Avg RF |
| cis-1,2-Dichloroethene | 0.2629 | 0.2492 | 125.00 | 118.46 | 5.23 | 104.18 | Avg RF |
| Methyl ethyl ketone | 0.0380 | 0.0309 # | 1250.00 | 1017.76 | 18.58 | 94.69 | Avg RF |
| Bromochloromethane | 0.1084 | 0.1014 | 125.00 | 116.91 | 6.47 | 104.06 | Avg RF |
| Chloroform | 0.4852 | 0.4625 | 125.00 | 119.16 | 4.68 | 111.16 | Avg RF |
| 1,1,1-Trichloroethane | 0.4477 | 0.4679 | 125.00 | 130.65 | -4.52 | 116.49 | Avg RF |
| Dibromofluoromethane | 0.2421 | 0.2583 | 250.00 | 266.71 | -6.68 | 241.71 | Avg RF |
| Carbon tetrachloride | 0.4342 | 0.4737 | 125.00 | 136.38 | -9.11 | 121.46 | Avg RF |
| 1,1-Dichloropropene | 0.3630 | 0.3825 | 125.00 | 131.71 | -5.37 | 115.42 | Avg RF |
| 1,2-Dichloroethane-d4 | 0.1046 | 0.1130 | 250.00 | 270.04 | -8.01 | 235.21 | Avg RF |
| Benzene | 0.9987 | 0.9717 | 125.00 | 121.63 | 2.70 | 107.88 | Avg RF |
| 1,2-Dichloroethane | 0.2758 | 0.2668 | 125.00 | 120.88 | 3.30 | 115.39 | Avg RF |
| -----ISTD----- | | | | | | | |
| Chlorobenzene-d5 | 0.7484 | 0.7702 | 125.00 | 128.64 | -2.91 | 114.11 | Avg RF |
| Trichloroethene | 0.6580 | 0.6406 | 125.00 | 121.68 | 2.66 | 106.93 | Avg RF |
| 1,2-Dichloropropane | 0.2774 | 0.2743 | 125.00 | 123.63 | 1.09 | 109.68 | Avg RF |
| Dibromomethane | 0.7799 | 0.7807 | 125.00 | 125.12 | -0.09 | 111.52 | Avg RF |
| Bromodichloromethane | 0.8559 | 0.8332 | 125.00 | 121.69 | 2.65 | 106.56 | Avg RF |
| cis-1,3-Dichloropropene | 2.4390 | 2.7127 | 250.00 | 278.05 | -11.22 | 234.65 | Avg RF |
| Toluene-d8 | 1.6257 | 1.7067 | 125.00 | 131.22 | -4.98 | 113.04 | Avg RF |
| Toluene | 0.6243 | 0.6411 | 125.00 | 128.37 | -2.70 | 111.30 | Avg RF |
| trans-1,3-Dichloropropene | 0.3174 | 0.3057 | 125.00 | 120.38 | 3.70 | 103.41 | Avg RF |
| 1,1,2-Trichloroethane | 0.6592 | 0.7004 | 125.00 | 132.81 | -6.25 | 114.53 | Avg RF |
| Tetrachloroethene | | | | | | | |

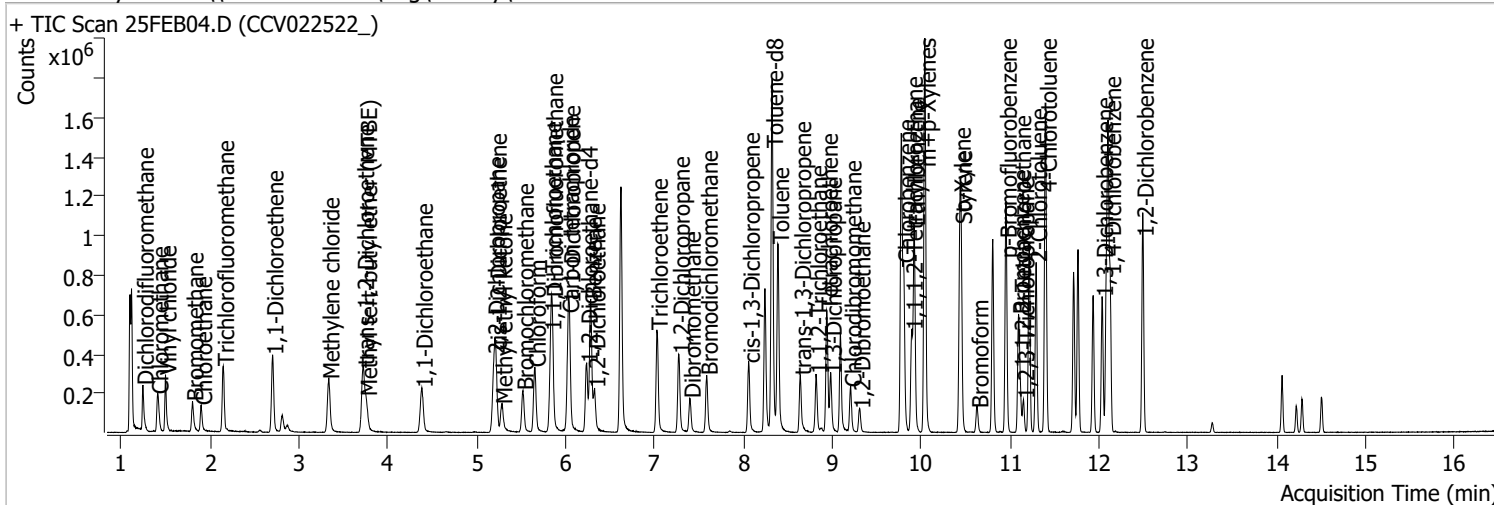
Continuing Calibration Report

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|---------------------------|----------------|--------|-----------|------------|-------|--------|-----------|
| 1,3-Dichloropropane | 0.6424 | 0.6233 | 125.00 | 121.29 | 2.97 | 109.77 | Avg RF |
| Chlorodibromomethane | 0.5112 | 0.5193 | 125.00 | 126.97 | -1.58 | 111.47 | Avg RF |
| 1,2-Dibromoethane | 0.3506 | 0.3515 | 125.00 | 125.33 | -0.27 | 107.31 | Avg RF |
| Chlorobenzene | 1.7822 | 1.7869 | 125.00 | 125.33 | -0.27 | 110.26 | Avg RF |
| 1,1,1,2-Tetrachloroethane | 0.6253 | 0.6430 | 125.00 | 128.53 | -2.82 | 113.10 | Avg RF |
| Ethylbenzene | 0.9989 | 3.1433 | 125.00 | 126.44 | -1.15 | 111.10 | Quadratic |
| m+p-Xylenes | 0.9987 | 1.2716 | 250.00 | 256.67 | -2.67 | 111.91 | Quadratic |
| o-Xylene | 0.9987 | 1.0889 | 125.00 | 125.74 | -0.59 | 108.55 | Quadratic |
| Styrene | 0.9983 | 1.8264 | 125.00 | 127.46 | -1.97 | 111.40 | Quadratic |
| 1,4-Dichlorobenzene-d4 | -----ISTD----- | | | | | | |
| Bromoform | 0.3350 | 0.3203 | 125.00 | 119.53 | 4.38 | 111.14 | Avg RF |
| p-Bromofluorobenzene | 0.9231 | 0.9318 | 250.00 | 252.37 | -0.95 | 226.96 | Avg RF |
| Bromobenzene | 0.8140 | 0.8148 | 125.00 | 125.13 | -0.10 | 112.97 | Avg RF |
| 1,1,2,2-Tetrachloroethane | 0.4643 | 0.4103 | 125.00 | 110.46 | 11.63 | 102.37 | Avg RF |
| 1,2,3-Trichloropropane | 0.1220 | 0.1205 | 125.00 | 123.52 | 1.18 | 115.19 | Avg RF |
| 2-Chlorotoluene | 0.8056 | 0.8074 | 125.00 | 125.28 | -0.22 | 110.57 | Avg RF |
| 4-Chlorotoluene | 2.6094 | 2.6535 | 125.00 | 127.11 | -1.69 | 110.31 | Avg RF |
| 1,3-Dichlorobenzene | 1.4748 | 1.4471 | 125.00 | 122.65 | 1.88 | 112.86 | Avg RF |
| 1,4-Dichlorobenzene | 1.5036 | 1.4498 | 125.00 | 120.53 | 3.58 | 110.06 | Avg RF |
| 1,2-Dichlorobenzene | 1.2313 | 1.2142 | 125.00 | 123.27 | 1.39 | 111.81 | Avg RF |

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB04.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 10:46:25 AM |
| Sample Name | CCV022522_ | Instrument | VOA5975C |
| Vial | 4 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



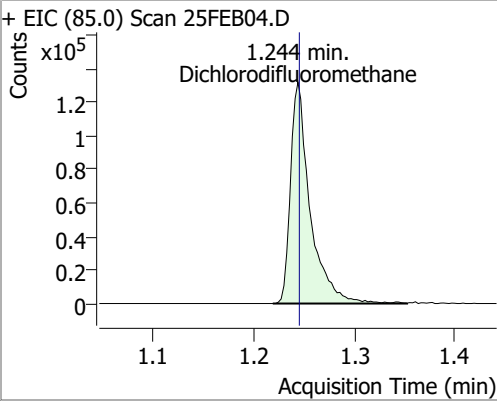
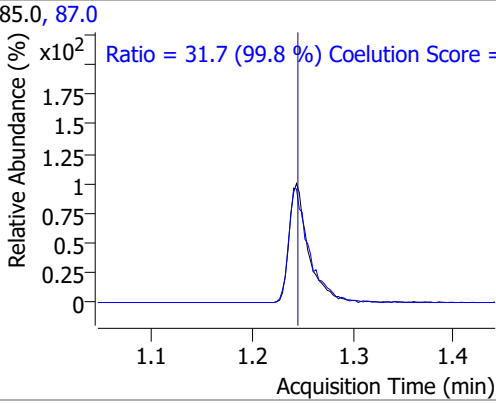
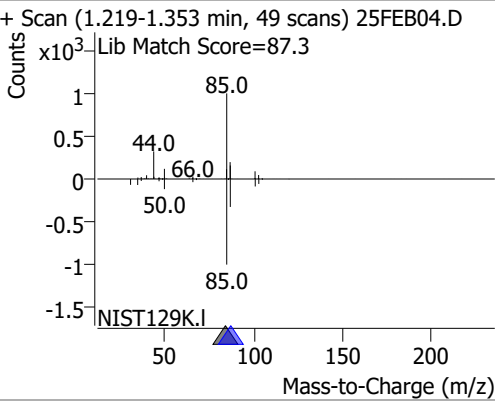
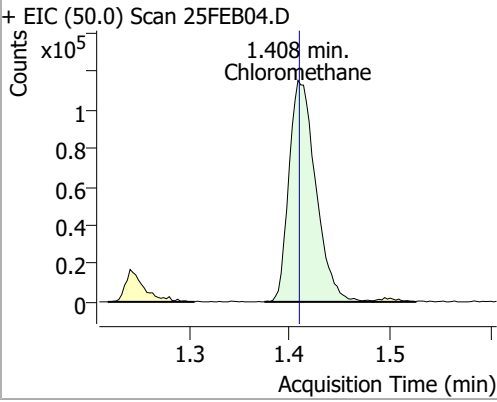
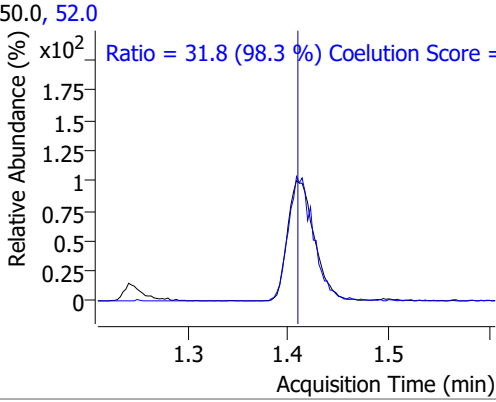
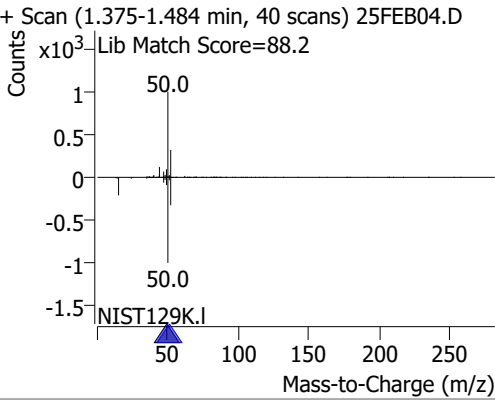
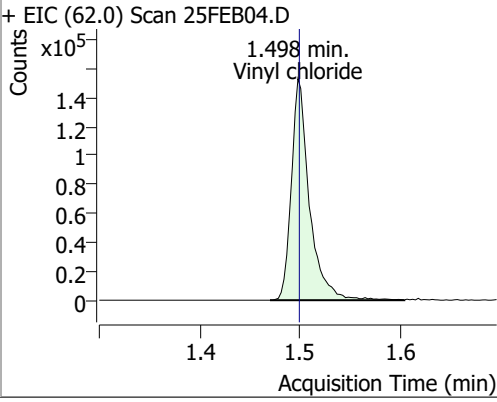
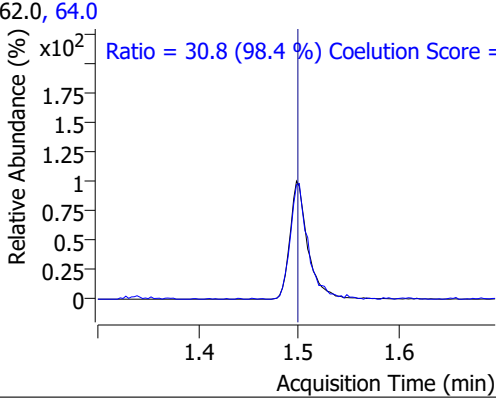
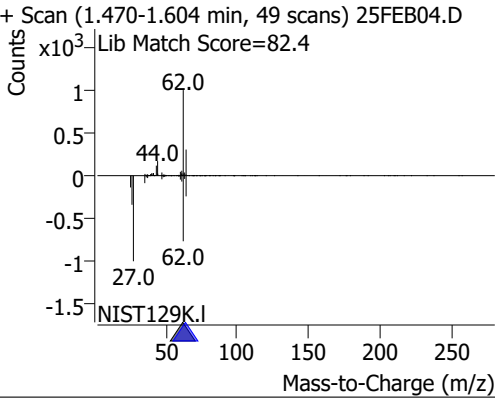
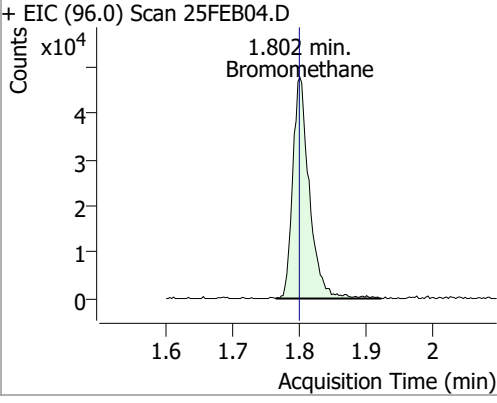
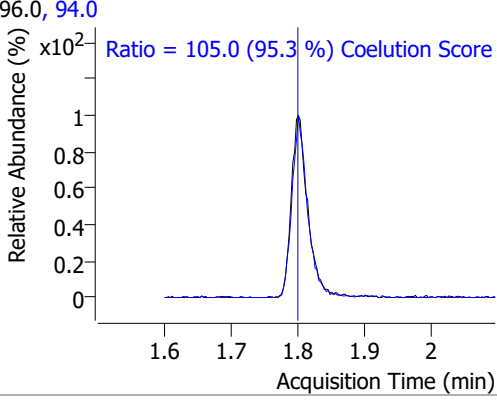
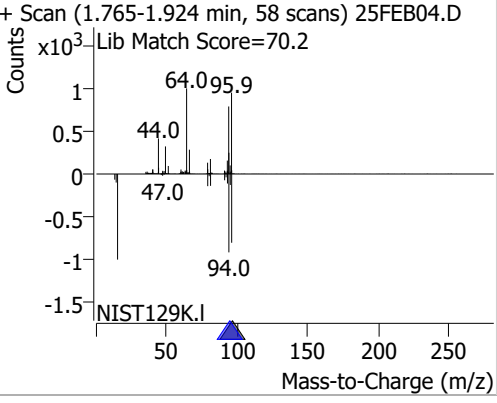
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|--------|-------|---------|--|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 1085364 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 418227 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 339930 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 284837 | 270.9471 | ng | -0.006 |
| Spiked Amount: 250.000 | | | | Range: 80.0 - 119.0% Recovery = 108.38% | | |
| S 1,2-Dichloroethane-d4 | 6.236 | 67.0 | 127965 | 281.7877 | ng | 0.006 |
| Spiked Amount: 250.000 | | | | Range: 81.0 - 118.0% Recovery = 112.72% | | |
| S Toluene-d8 | 8.321 | 98.0 | 1119429 | 274.3559 | ng | 0.003 |
| Spiked Amount: 250.000 | | | | Range: 89.0 - 112.0% Recovery = 109.74% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 338721 | 269.8756 | ng | 0.003 |
| Spiked Amount: 250.000 | | | | Range: 85.0 - 114.0% Recovery = 107.95% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 179294 | 122.8538 | ng | 100 |
| T Chloromethane | 1.408 | 50.0 | 214209 | 124.6706 | ng | 99 |
| T Vinyl chloride | 1.498 | 62.0 | 191131 | 122.2091 | ng | 99 |
| T Bromomethane | 1.802 | 96.0 | 82841 | 122.2945 | ng | 95 |
| T Chloroethane | 1.899 | 64.0 | 92643 | 125.2039 | ng | 98 |
| T Trichlorofluoromethane | 2.147 | 101.0 | 241993 | 129.0344 | ng | 98 |
| T 1,1-Dichloroethene | 2.702 | 96.0 | 138463 | 126.8860 | ng | 98 |
| T Methylene chloride | 3.333 | 49.0 | 201484 | 126.9934 | ng | 100 |
| T trans-1,2-Dichloroethene | 3.720 | 96.0 | 139468 | 123.7178 | ng | 96 |
| T Methyl tert-butyl ether (MTBE) | 3.754 | 73.0 | 175206 | 124.3484 | ng | 98 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 276893 | 131.2419 | ng | 99 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 210321 | 132.2805 | ng | 98 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 145752 | 127.6944 | ng | 95 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 196601 | 1191.8644 | ng | 100 |
| T Bromochloromethane | 5.519 | 128.0 | 58151 | 123.5637 | ng | 91 |
| T Chloroform | 5.653 | 83.0 | 264533 | 125.5751 | ng | 100 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.828 | 97.0 | 251853 | 129.5776 | ng | 99 |
| T Carbon tetrachloride | 6.026 | 117.0 | 245348 | 130.1527 | ng | 97 |
| T 1,1-Dichloropropene | 6.040 | 75.0 | 207695 | 131.7763 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 562376 | 129.7039 | ng | 99 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 151276 | 126.3185 | ng | 97 |
| T Trichloroethene | 7.025 | 95.0 | 160944 | 128.5425 | ng | 97 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 144920 | 131.6450 | ng | 98 |
| T Dibromomethane | 7.396 | 93.0 | 60977 | 131.4136 | ng | 97 |
| T Bromodichloromethane | 7.585 | 83.0 | 171714 | 131.6041 | ng | 98 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 184173 | 128.6330 | ng | 97 |
| T Toluene | 8.388 | 92.0 | 363834 | 133.7770 | ng | 100 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 140025 | 134.0760 | ng | 99 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 68793 | 129.5424 | ng | 93 |
| T Tetrachloroethene | 8.935 | 163.8 | 140734 | 127.6088 | ng | 99 |
| T 1,3-Dichloropropane | 8.982 | 76.0 | 143169 | 133.2242 | ng | 97 |
| T Chlorodibromomethane | 9.203 | 129.0 | 112199 | 131.1873 | ng | 100 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 79290 | 135.1877 | ng | 98 |
| T Chlorobenzene | 9.802 | 112.0 | 389242 | 130.5546 | ng | 98 |
| T 1,1,1,2-Tetrachloroethane | 9.891 | 131.0 | 135216 | 129.2589 | ng | 99 |
| T Ethylbenzene | 9.919 | 91.0 | 663304 | 127.5540 | ng | 99 |
| T m+p-Xylenes | 10.039 | 106.0 | 531261 | 256.4164 | ng | 99 |
| T o-Xylene | 10.432 | 106.0 | 226132 | 124.9013 | ng | 96 |
| T Styrene | 10.449 | 104.0 | 379844 | 126.7941 | ng | 99 |
| T Bromoform | 10.630 | 172.5 | 60099 | 131.9404 | ng | 96 |
| T Bromobenzene | 11.093 | 156.0 | 147341 | 133.1199 | ng | 98 |
| T 1,1,2,2-Tetrachloroethane | 11.110 | 83.0 | 87414 | 138.4614 | ng | 98 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 22639 | 136.4859 | ng | 98 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 147117 | 134.2989 | ng | 98 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 483867 | 136.3755 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 260573 | 129.9382 | ng | 99 |
| T 1,4-Dichlorobenzene | 12.125 | 146.0 | 266095 | 130.1562 | ng | 98 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 214472 | 128.1012 | ng | 97 |

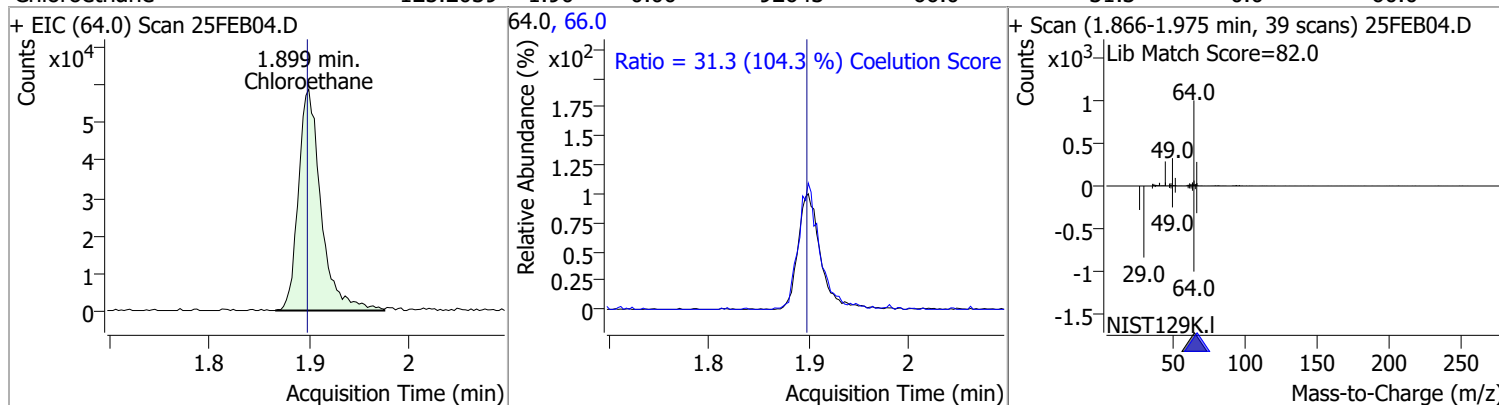
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

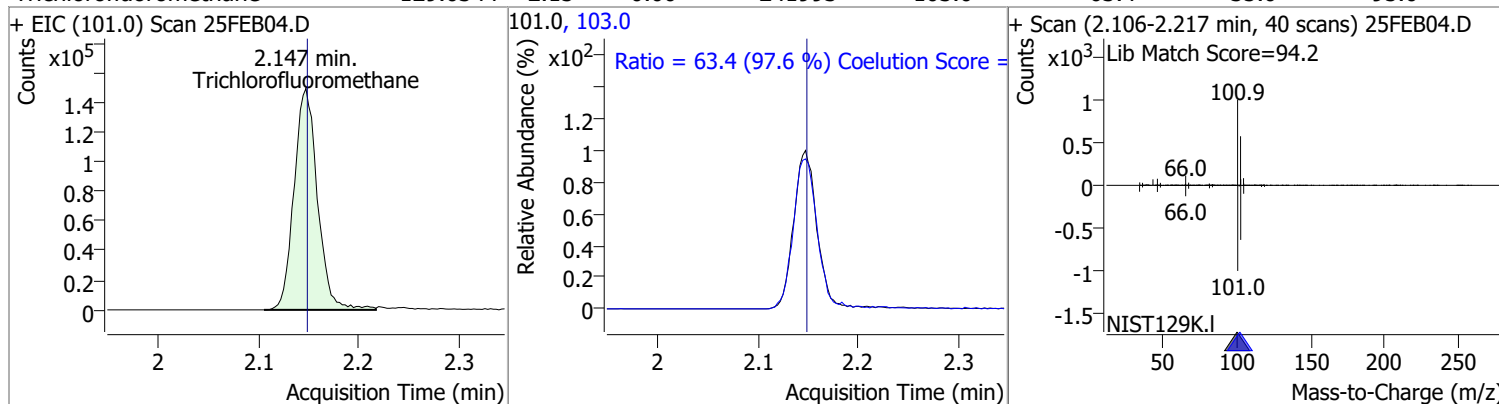
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|----------|------|--|--------|------|---|-------|-------|
| Dichlorodifluoromethane | 122.8538 | 1.24 | 0.00 | 179294 | 87.0 | 31.7 | 1.8 | 61.8 |
| + EIC (85.0) Scan 25FEB04.D  | | | 85.0, 87.0  | | | + Scan (1.219-1.353 min, 49 scans) 25FEB04.D Lib Match Score=87.3  | | |
| Chloromethane | 124.6706 | 1.41 | 0.00 | 214209 | 52.0 | 31.8 | 2.4 | 62.4 |
| + EIC (50.0) Scan 25FEB04.D  | | | 50.0, 52.0  | | | + Scan (1.375-1.484 min, 40 scans) 25FEB04.D Lib Match Score=88.2  | | |
| Vinyl chloride | 122.2091 | 1.50 | 0.00 | 191131 | 64.0 | 30.8 | 1.3 | 61.3 |
| + EIC (62.0) Scan 25FEB04.D  | | | 62.0, 64.0  | | | + Scan (1.470-1.604 min, 49 scans) 25FEB04.D Lib Match Score=82.4  | | |
| Bromomethane | 122.2945 | 1.80 | 0.00 | 82841 | 94.0 | 105.0 | 80.1 | 140.1 |
| + EIC (96.0) Scan 25FEB04.D  | | | 96.0, 94.0  | | | + Scan (1.765-1.924 min, 58 scans) 25FEB04.D Lib Match Score=70.2  | | |

Quantitation Results Report (QT Reviewed)

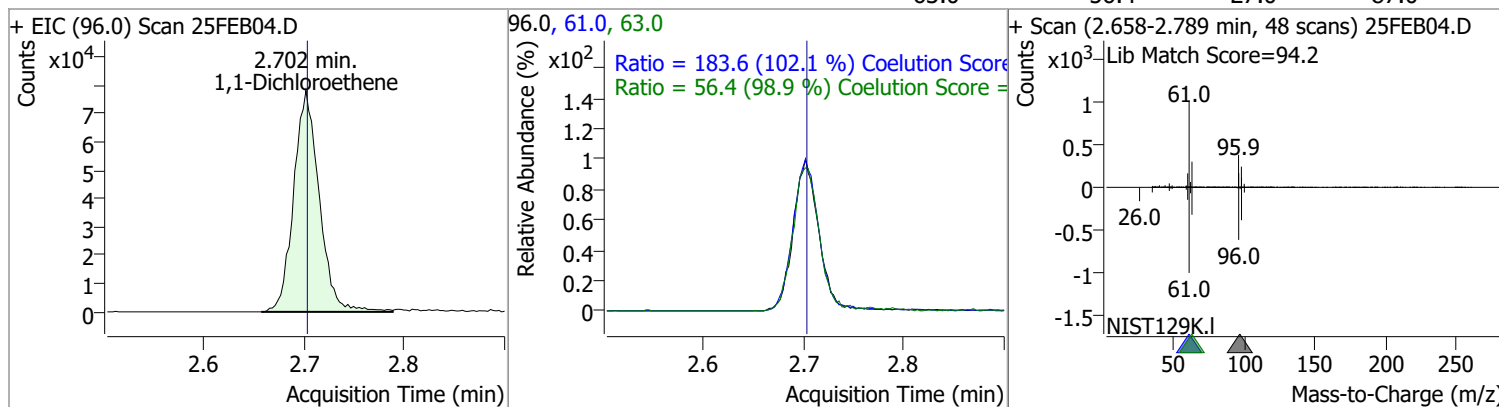
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 125.2039 | 1.90 | 0.00 | 92643 | 66.0 | 31.3 | 0.0 | 60.0 |



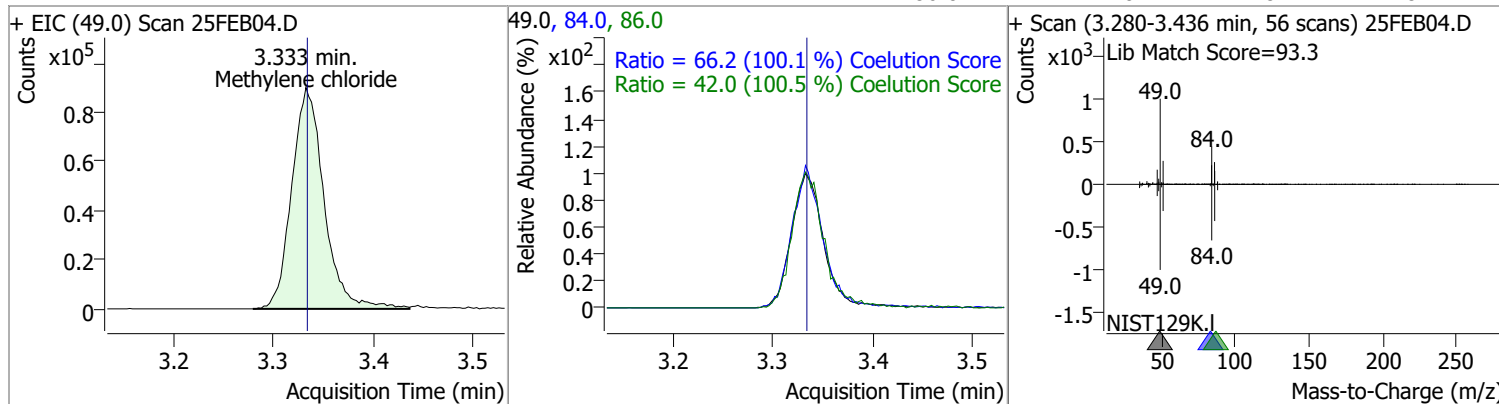
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 129.0344 | 2.15 | 0.00 | 241993 | 103.0 | 63.4 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 126.8860 | 2.70 | 0.00 | 138463 | 61.0 | 183.6 | 149.9 | 209.9 |
| | | | | | 63.0 | 56.4 | 27.0 | 87.0 |

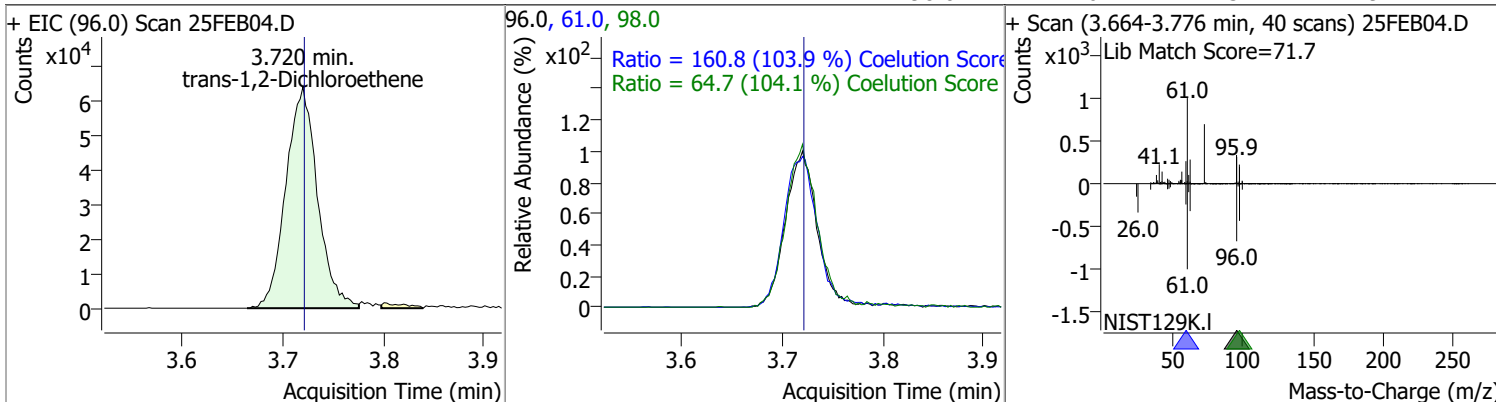


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 126.9934 | 3.33 | 0.00 | 201484 | 84.0 | 66.2 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.0 | 11.8 | 71.8 |

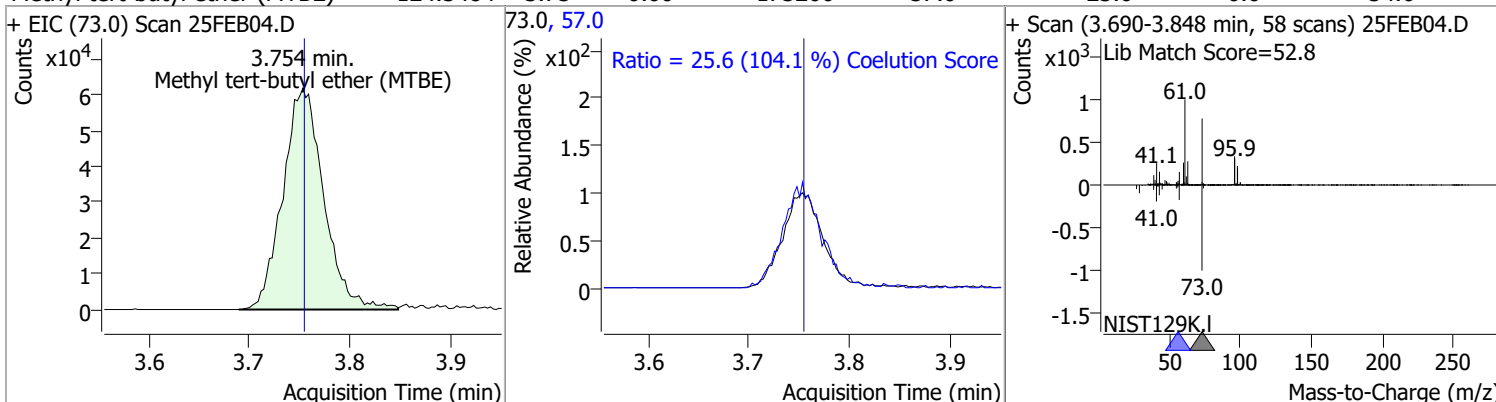


Quantitation Results Report (QT Reviewed)

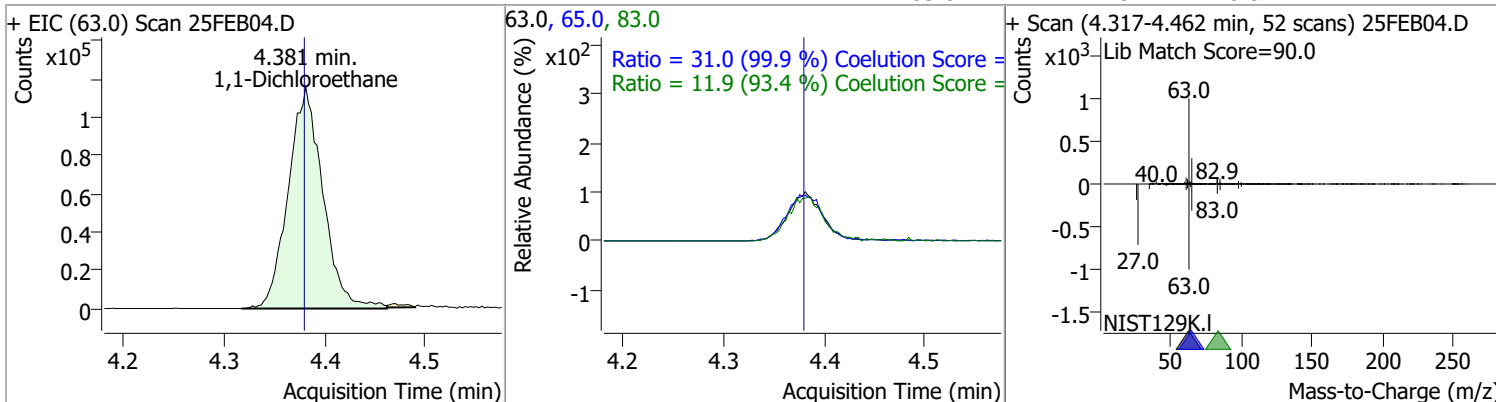
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 123.7178 | 3.72 | 0.00 | 139468 | 61.0 | 160.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 64.7 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 124.3484 | 3.75 | 0.00 | 175206 | 57.0 | 25.6 | 0.0 | 54.6 |

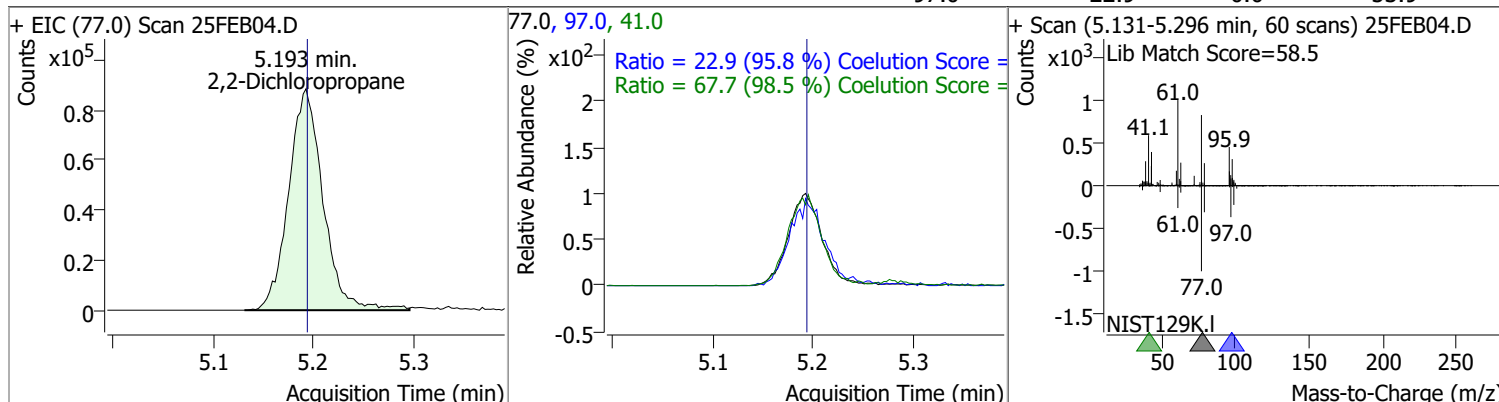


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 131.2419 | 4.38 | 0.00 | 276893 | 65.0 | 31.0 | 1.0 | 61.0 |
| | | | | | 83.0 | 11.9 | 0.0 | 42.7 |

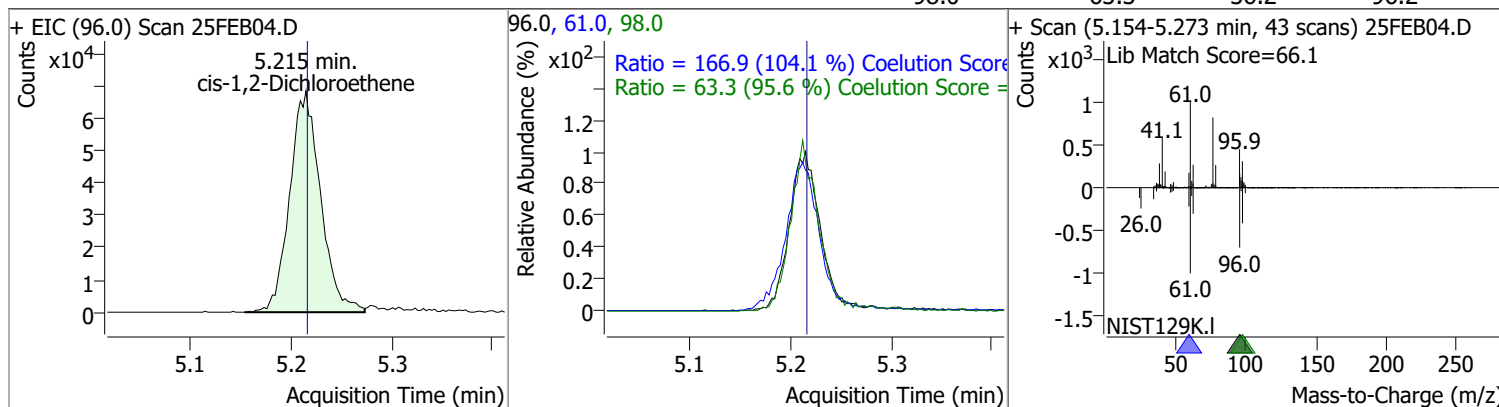


Quantitation Results Report (QT Reviewed)

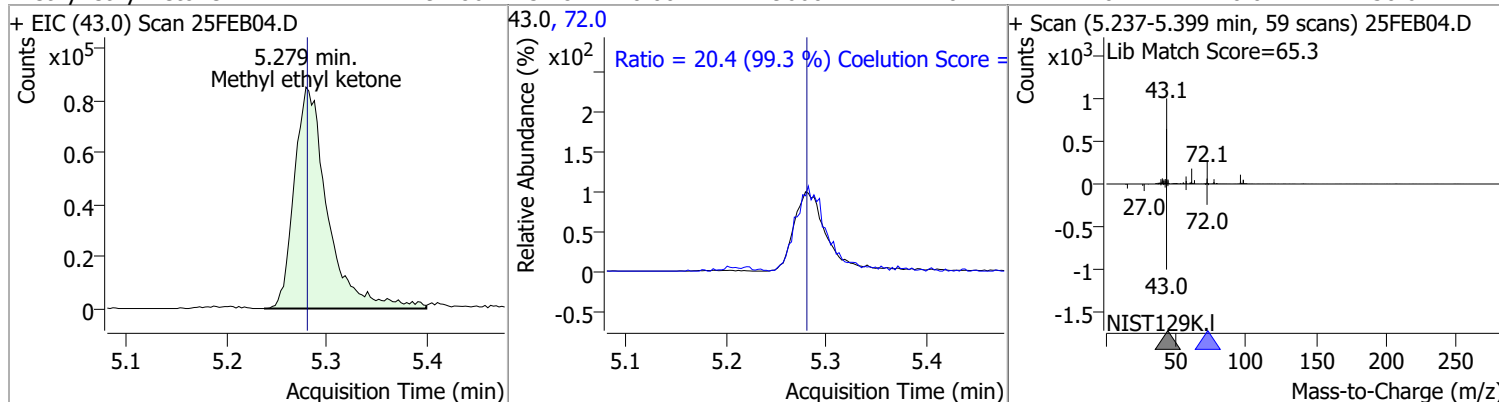
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 132.2805 | 5.19 | 0.00 | 210321 | 41.0 | 67.7 | 38.8 | 98.8 |
| | | | | | 97.0 | 22.9 | 0.0 | 53.9 |



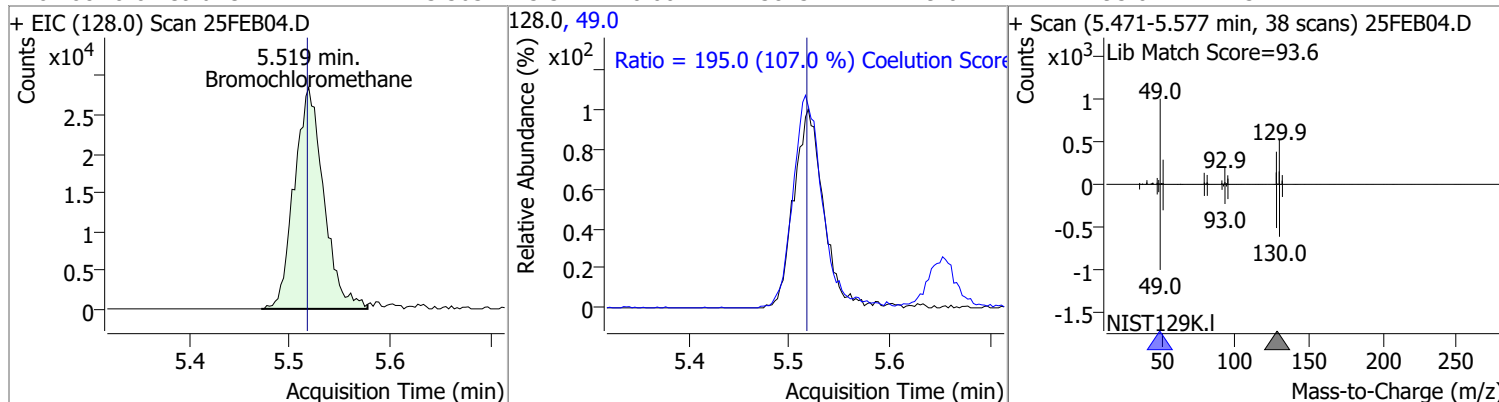
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 127.6944 | 5.21 | 0.00 | 145752 | 61.0 | 166.9 | 130.4 | 190.4 |
| | | | | | 98.0 | 63.3 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1191.8644 | 5.28 | 0.00 | 196601 | 72.0 | 20.4 | 0.0 | 50.6 |

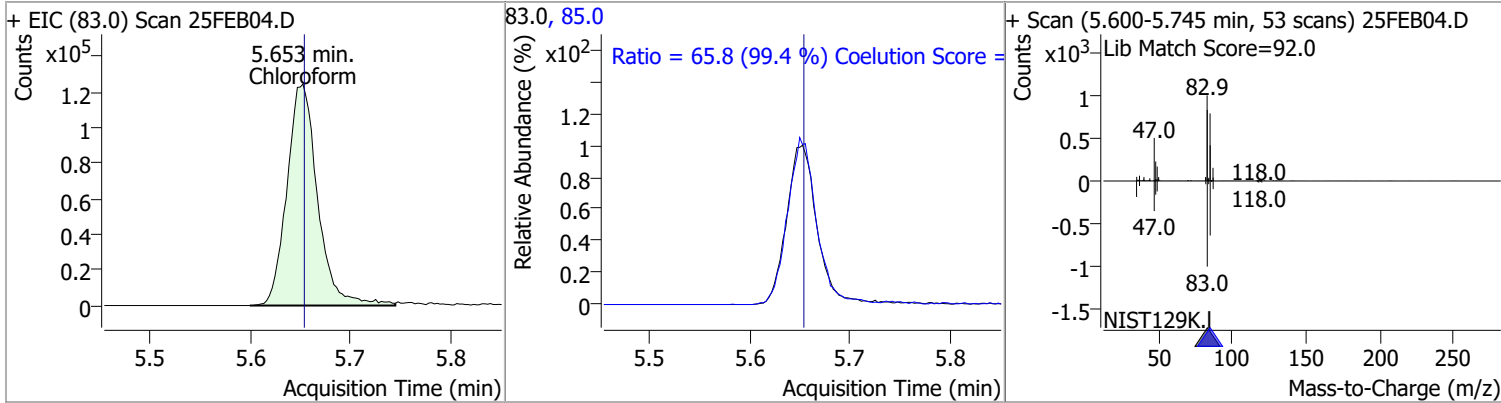


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 123.5637 | 5.52 | 0.00 | 58151 | 49.0 | 195.0 | 152.2 | 212.2 |

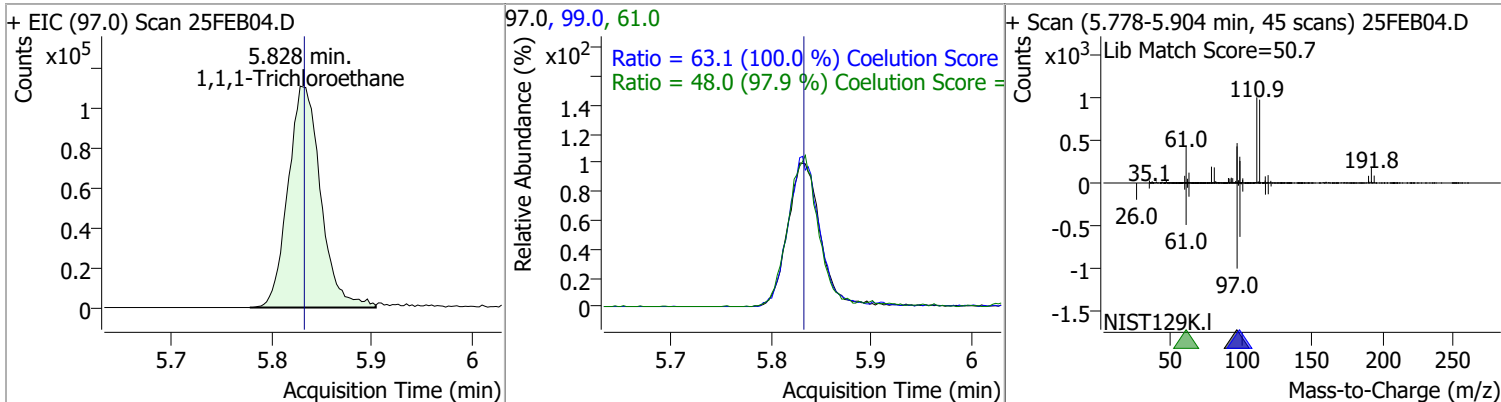


Quantitation Results Report (QT Reviewed)

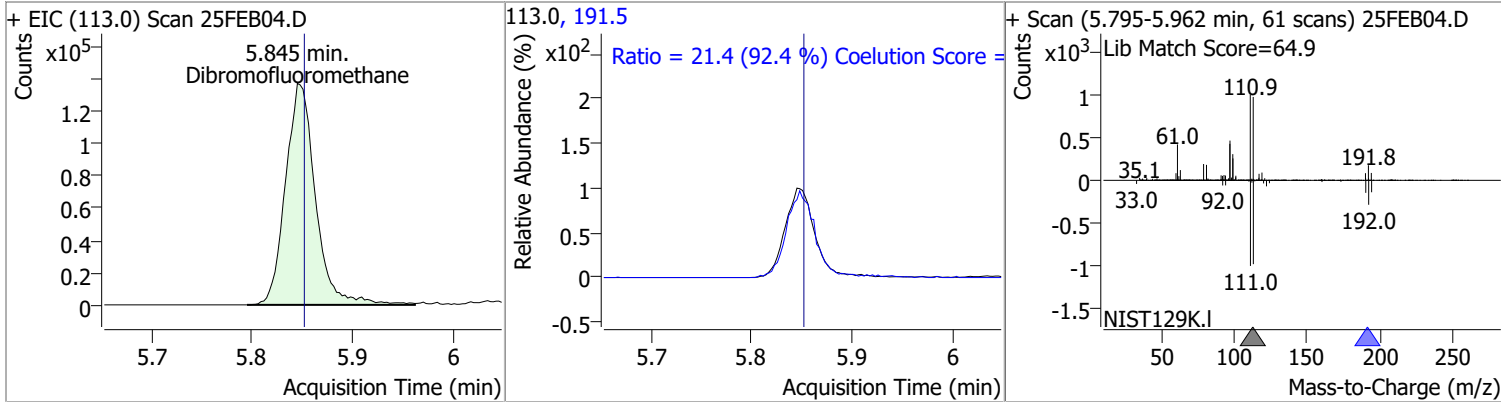
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 125.5751 | 5.65 | 0.00 | 264533 | 85.0 | 65.8 | 36.2 | 96.2 |



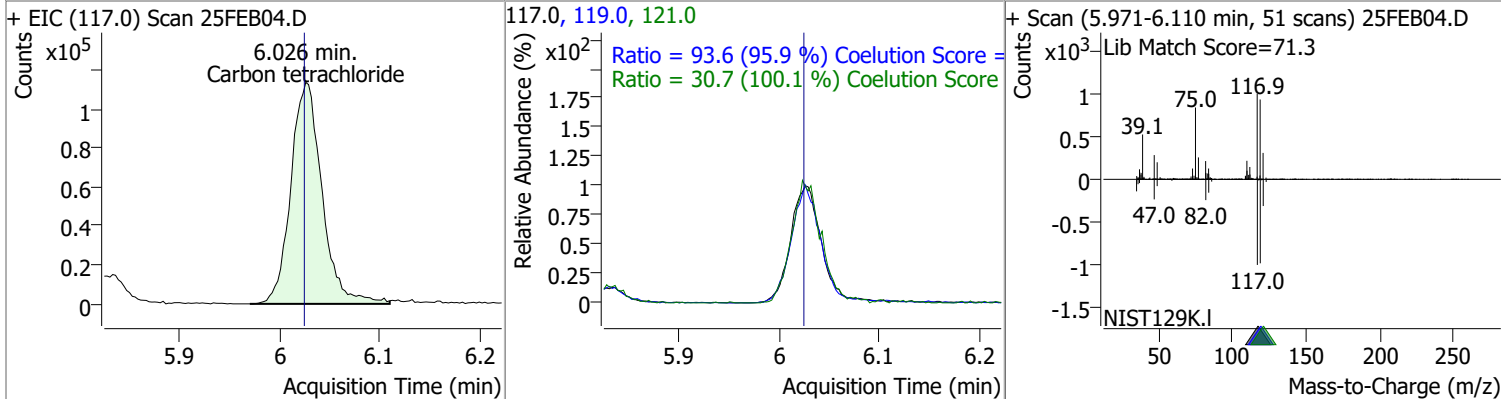
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 129.5776 | 5.83 | 0.00 | 251853 | 99.0 | 63.1 | 33.1 | 93.1 |
| | | | | | 61.0 | 48.0 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 270.9471 | 5.85 | -0.01 | 284837 | 191.5 | 21.4 | 0.0 | 53.2 |

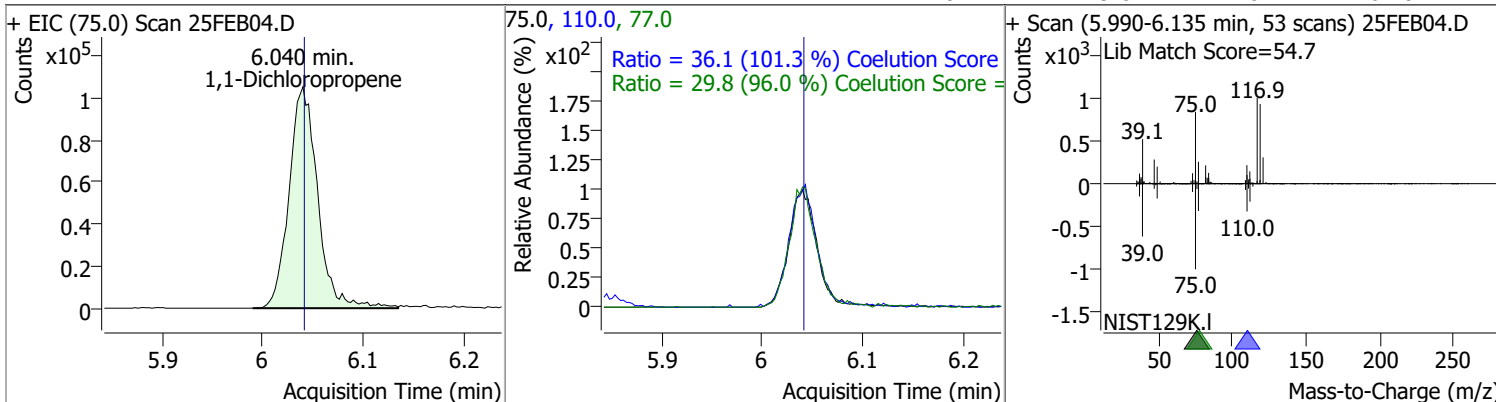


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Carbon tetrachloride | 130.1527 | 6.03 | 0.00 | 245348 | 119.0 | 93.6 | 67.6 | 127.6 |
| | | | | | 121.0 | 30.7 | 0.7 | 60.7 |

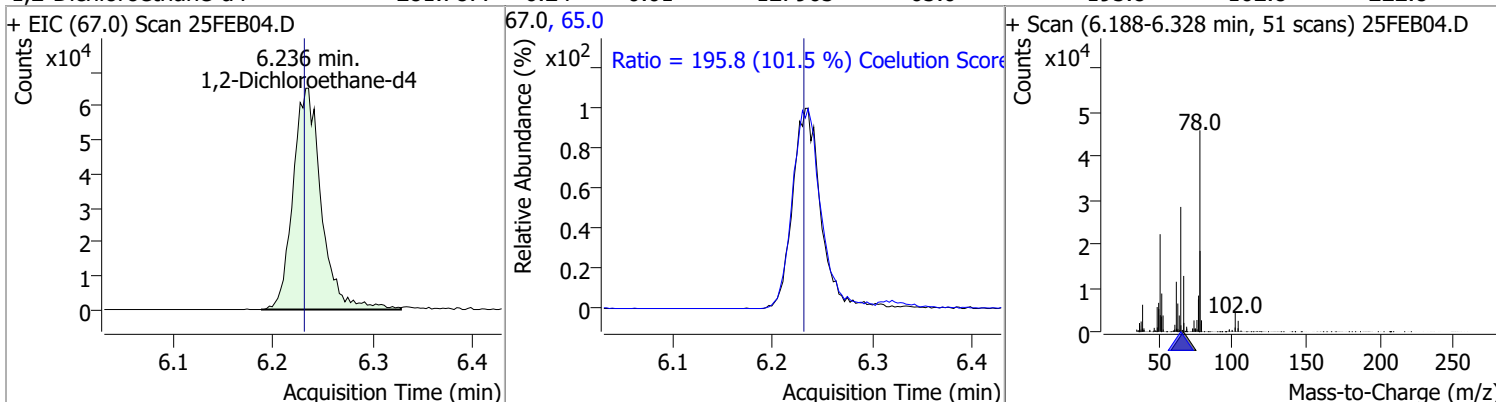


Quantitation Results Report (QT Reviewed)

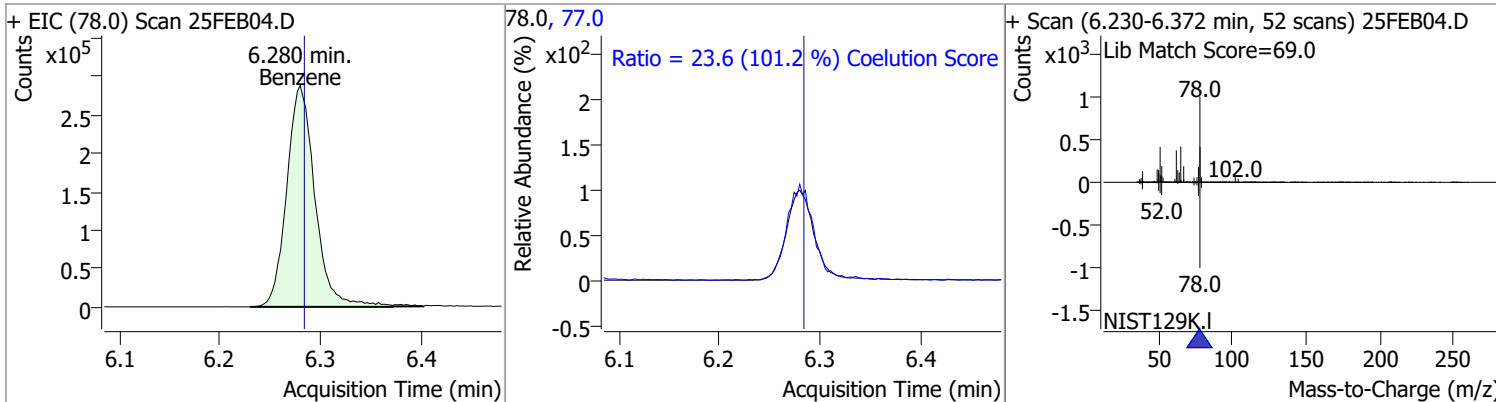
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 131.7763 | 6.04 | 0.00 | 207695 | 110.0 | 36.1 | 5.6 | 65.6 |
| | | | | | 77.0 | 29.8 | 1.0 | 61.0 |



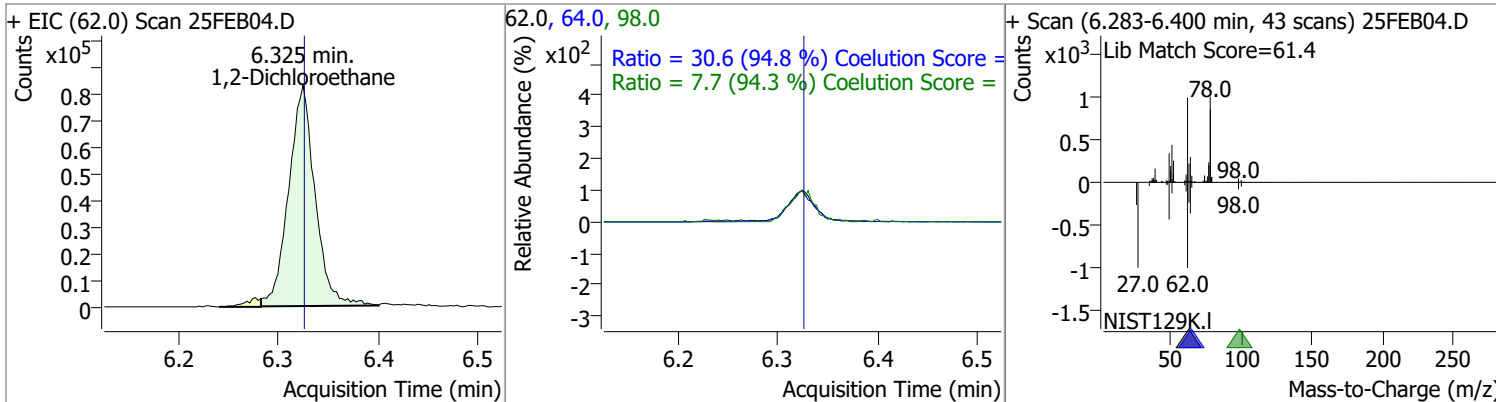
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 281.7877 | 6.24 | 0.01 | 127965 | 65.0 | 195.8 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 129.7039 | 6.28 | 0.00 | 562376 | 77.0 | 23.6 | 0.0 | 53.3 |

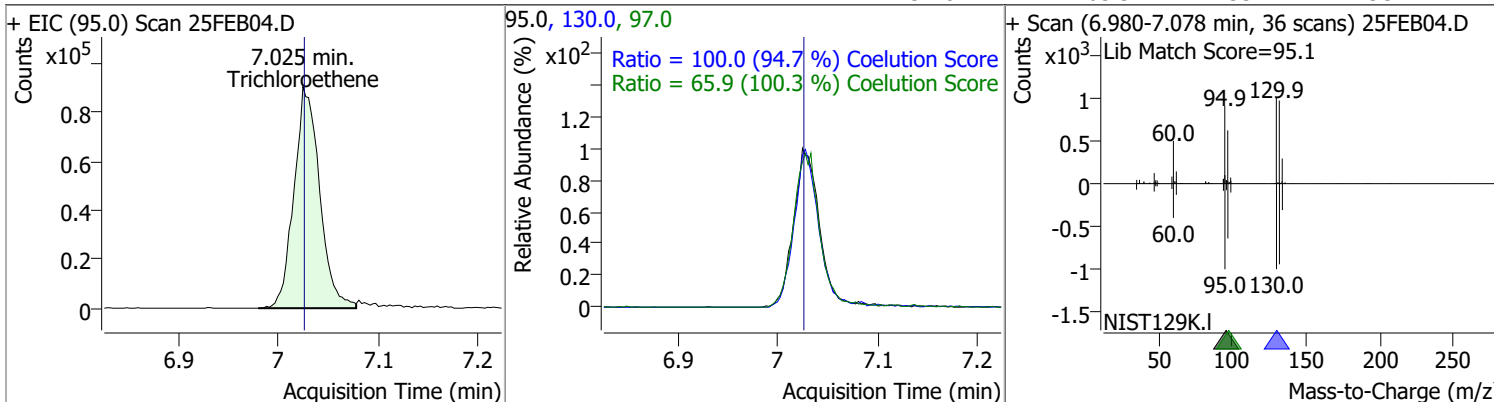


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 126.3185 | 6.32 | 0.00 | 151276 | 64.0 | 30.6 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.7 | 0.0 | 38.2 |

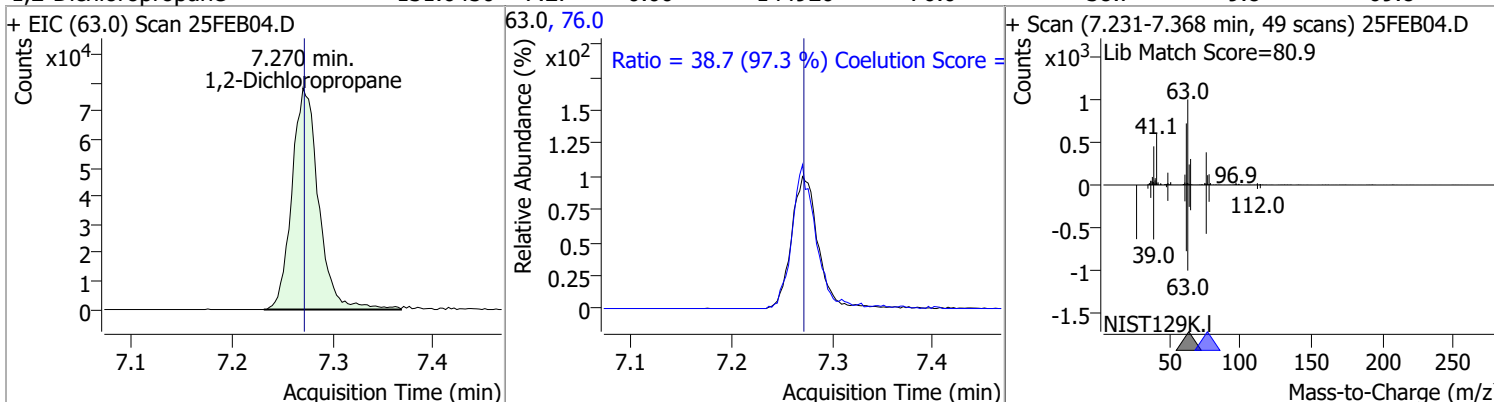


Quantitation Results Report (QT Reviewed)

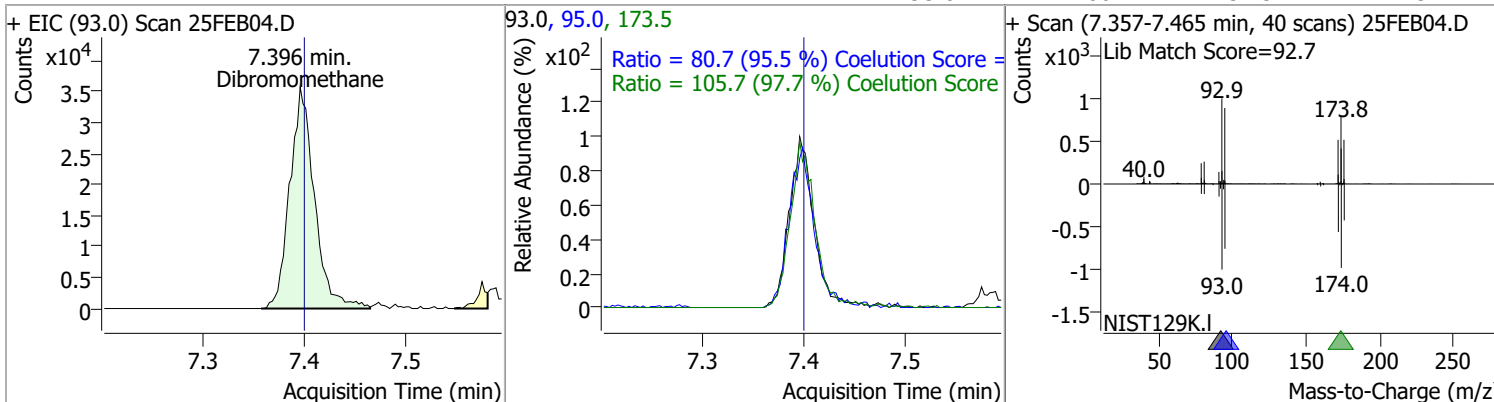
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 128.5425 | 7.02 | 0.00 | 160944 | 130.0 | 100.0 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.9 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 131.6450 | 7.27 | 0.00 | 144920 | 76.0 | 38.7 | 9.8 | 69.8 |

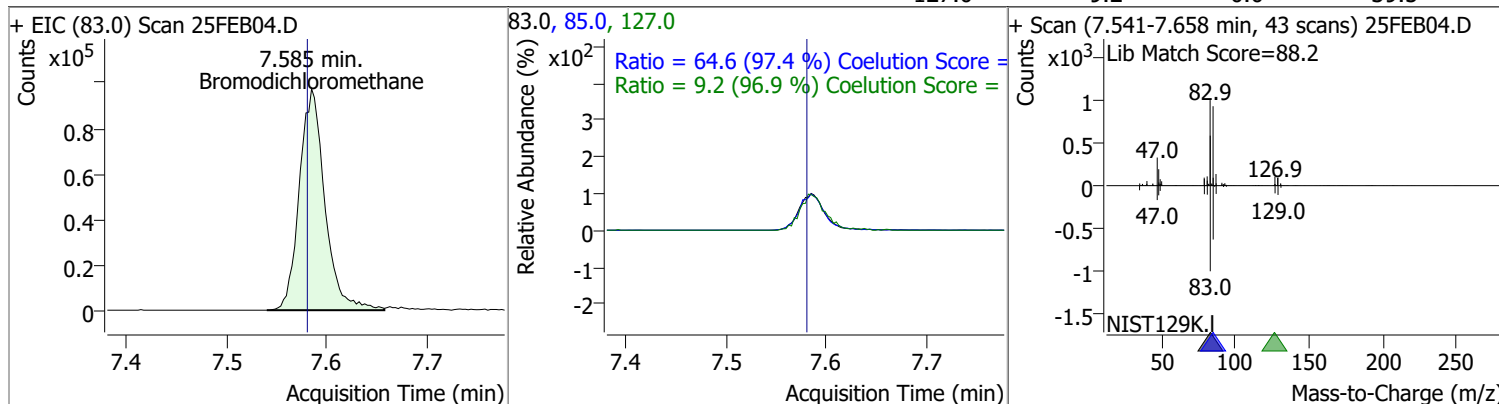


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 131.4136 | 7.40 | 0.00 | 60977 | 173.5 | 105.7 | 78.2 | 138.2 |
| | | | | | 95.0 | 80.7 | 54.5 | 114.5 |

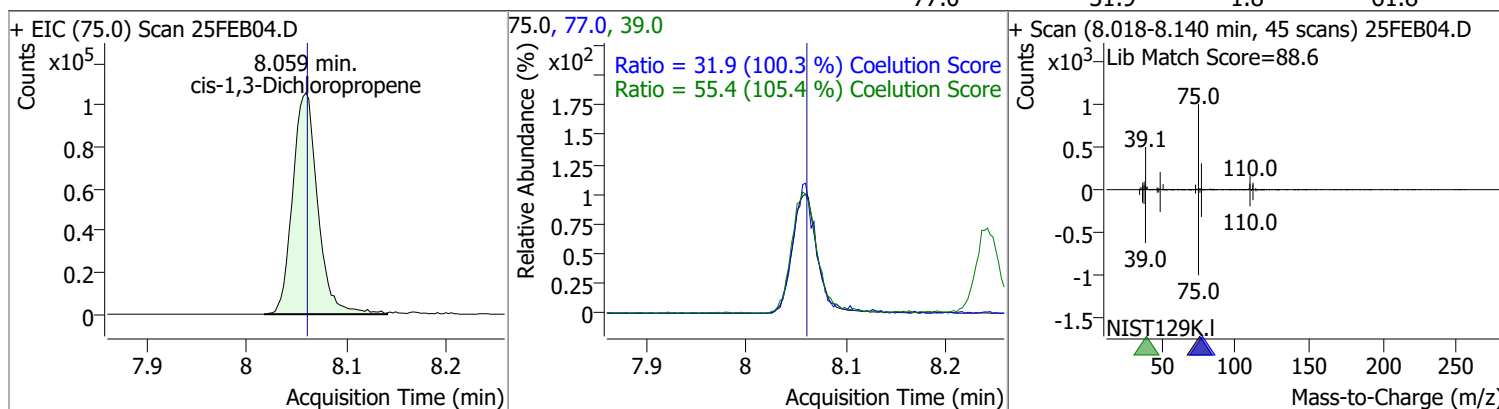


Quantitation Results Report (QT Reviewed)

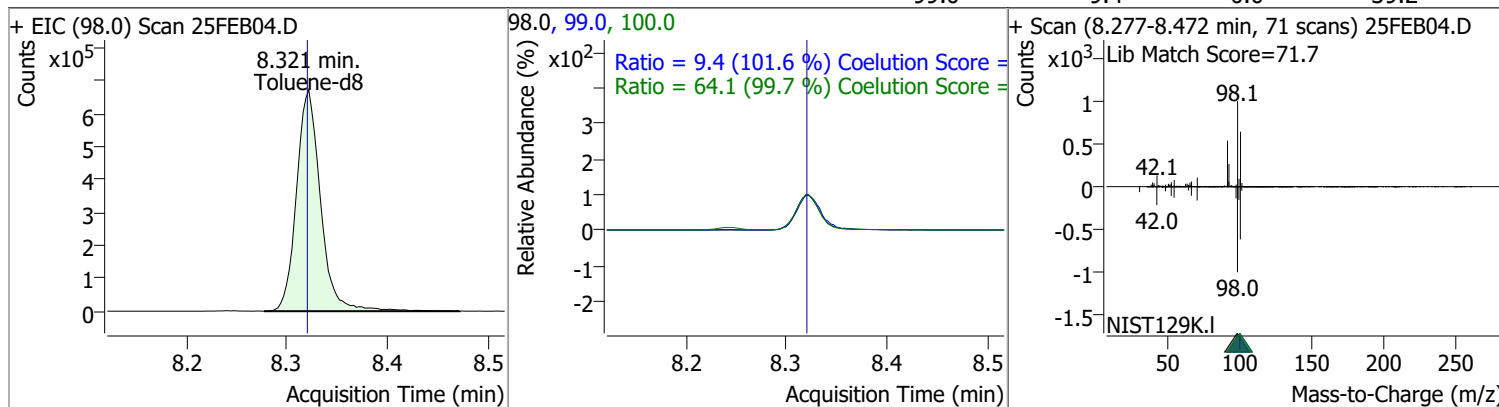
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 131.6041 | 7.59 | 0.01 | 171714 | 85.0 | 64.6 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.2 | 0.0 | 39.5 |



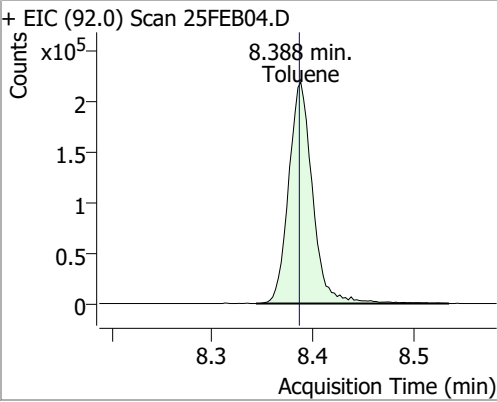
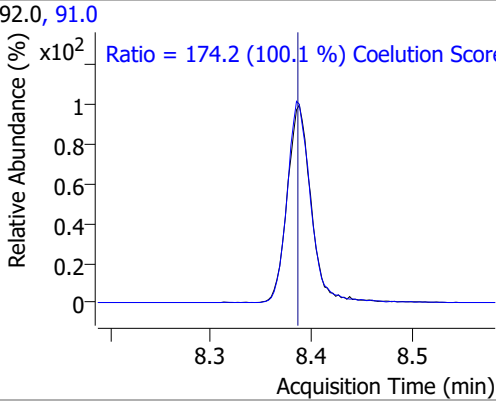
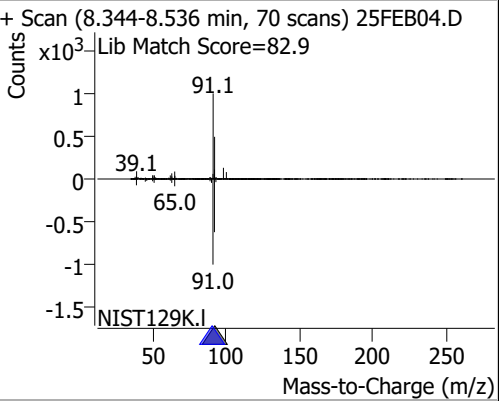
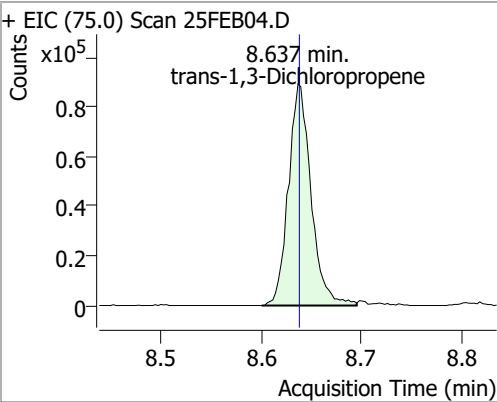
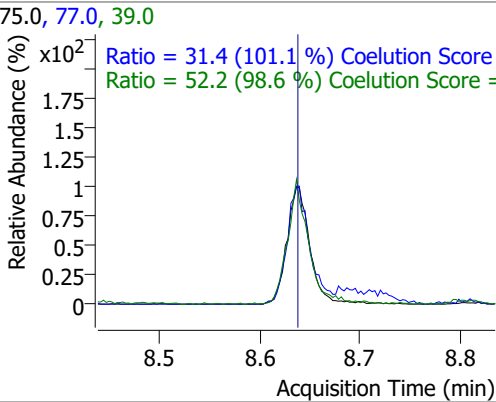
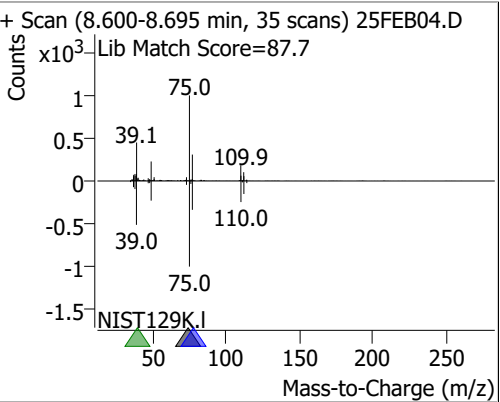
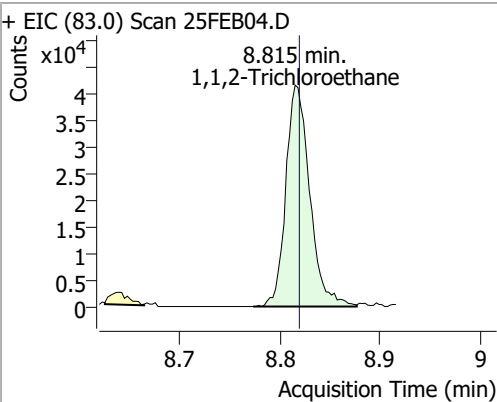
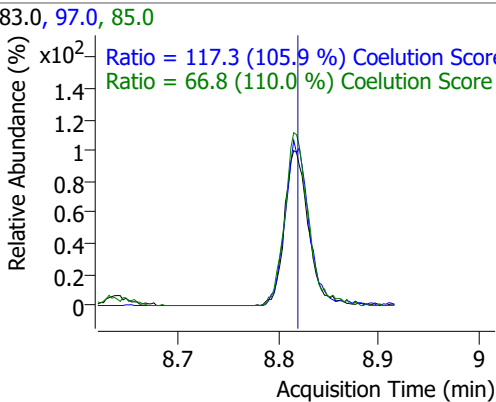
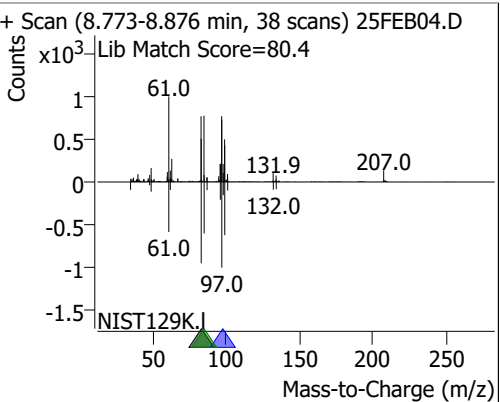
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 128.6330 | 8.06 | 0.00 | 184173 | 39.0 | 55.4 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.9 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 274.3559 | 8.32 | 0.00 | 1119429 | 100.0 | 64.1 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |

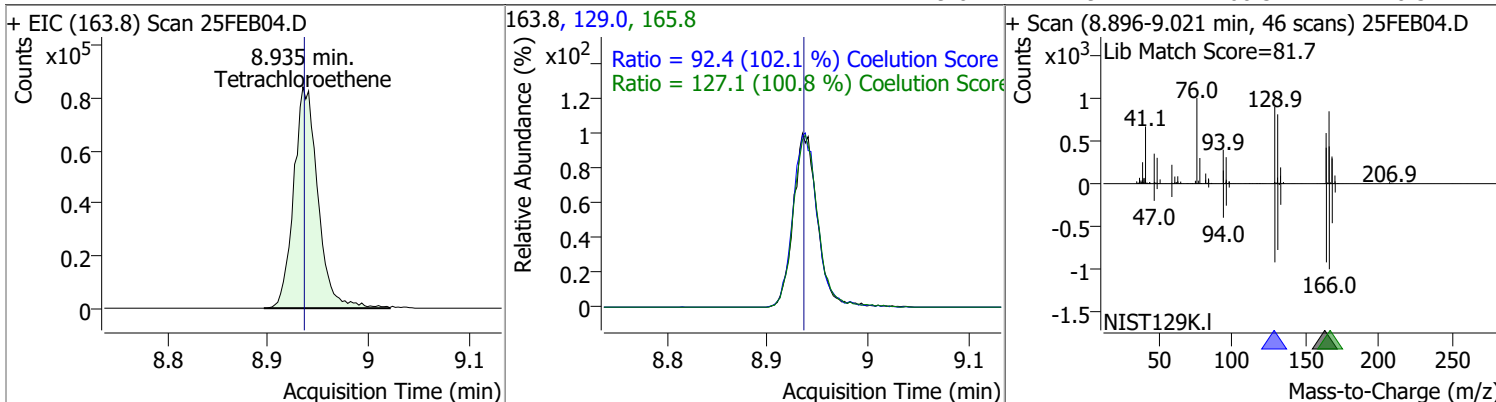


Quantitation Results Report (QT Reviewed)

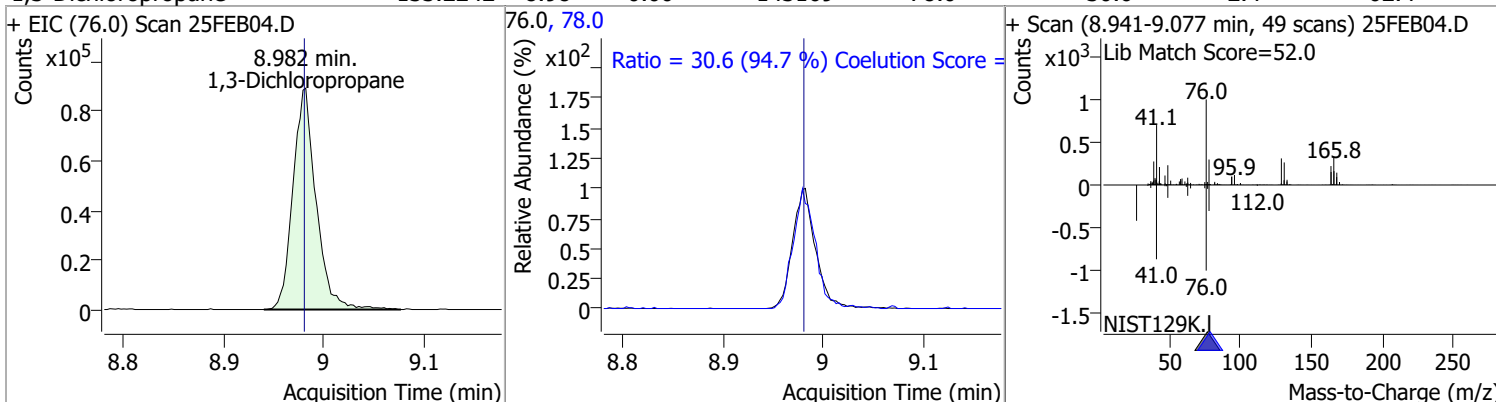
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|------|---|--------|------|--|-------|-------|
| Toluene | 133.7770 | 8.39 | 0.00 | 363834 | 91.0 | 174.2 | 144.1 | 204.1 |
| + EIC (92.0) Scan 25FEB04.D | | | 92.0, 91.0 | | | + Scan (8.344-8.536 min, 70 scans) 25FEB04.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 174.2 (100.1 %) Coelution Score | | |
| trans-1,3-Dichloropropene | 134.0760 | 8.64 | 0.00 | 140025 | 39.0 | 52.2 | 23.0 | 83.0 |
| + EIC (75.0) Scan 25FEB04.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.600-8.695 min, 35 scans) 25FEB04.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 31.4 (101.1 %) Coelution Score | | |
| | | | | | | Ratio = 52.2 (98.6 %) Coelution Score | | |
| 1,1,2-Trichloroethane | 129.5424 | 8.82 | 0.00 | 68793 | 97.0 | 117.3 | 80.7 | 140.7 |
| + EIC (83.0) Scan 25FEB04.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.773-8.876 min, 38 scans) 25FEB04.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 117.3 (105.9 %) Coelution Score | | |
| | | | | | | Ratio = 66.8 (110.0 %) Coelution Score | | |

Quantitation Results Report (QT Reviewed)

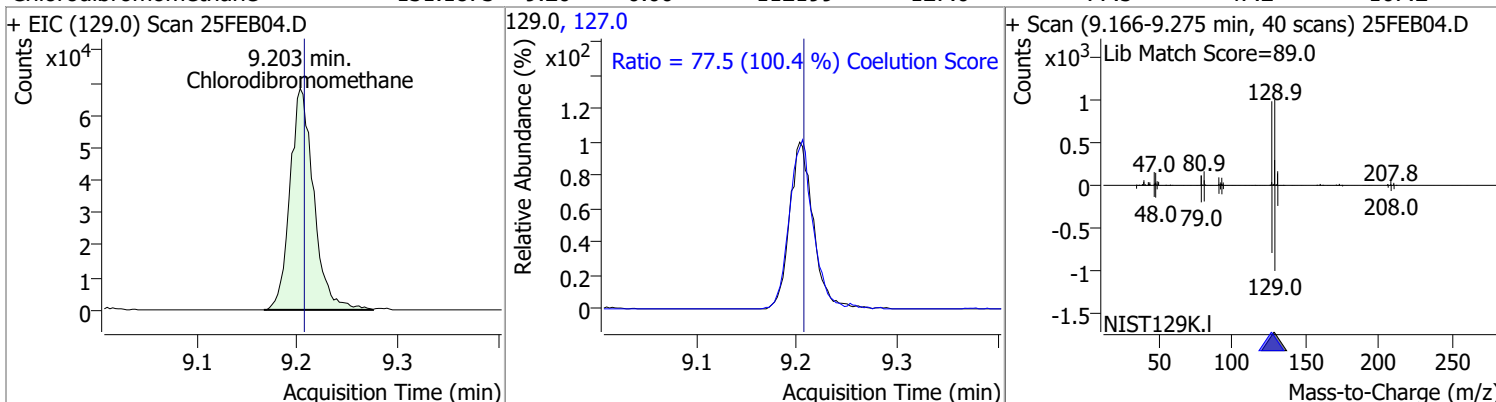
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 127.6088 | 8.93 | 0.00 | 140734 | 165.8 | 127.1 | 96.1 | 156.1 |
| | | | | | 129.0 | 92.4 | 60.5 | 120.5 |



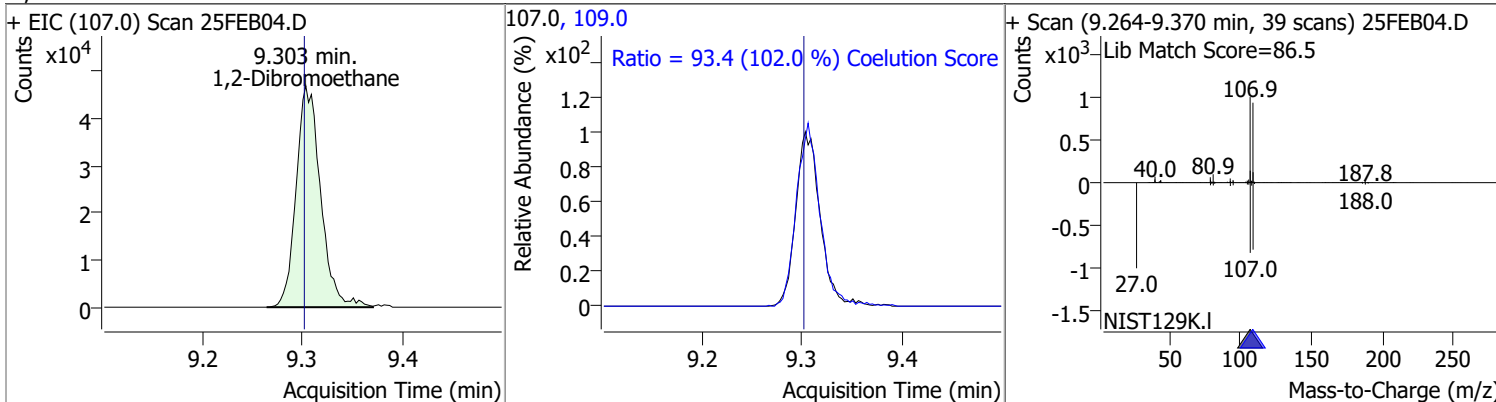
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 133.2242 | 8.98 | 0.00 | 143169 | 78.0 | 30.6 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 131.1873 | 9.20 | 0.00 | 112199 | 127.0 | 77.5 | 47.2 | 107.2 |

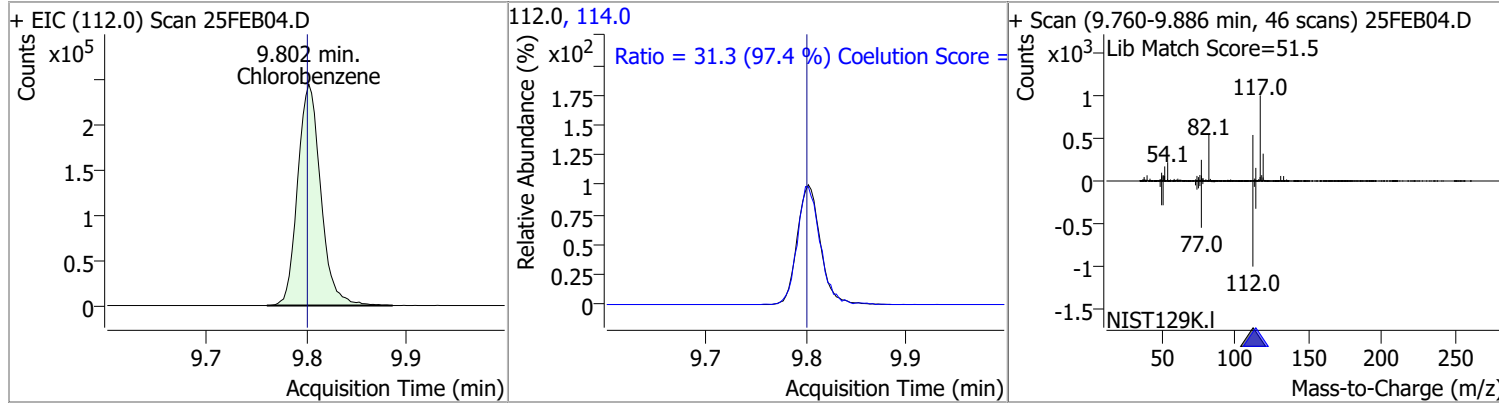


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 135.1877 | 9.30 | 0.00 | 79290 | 109.0 | 93.4 | 61.5 | 121.5 |

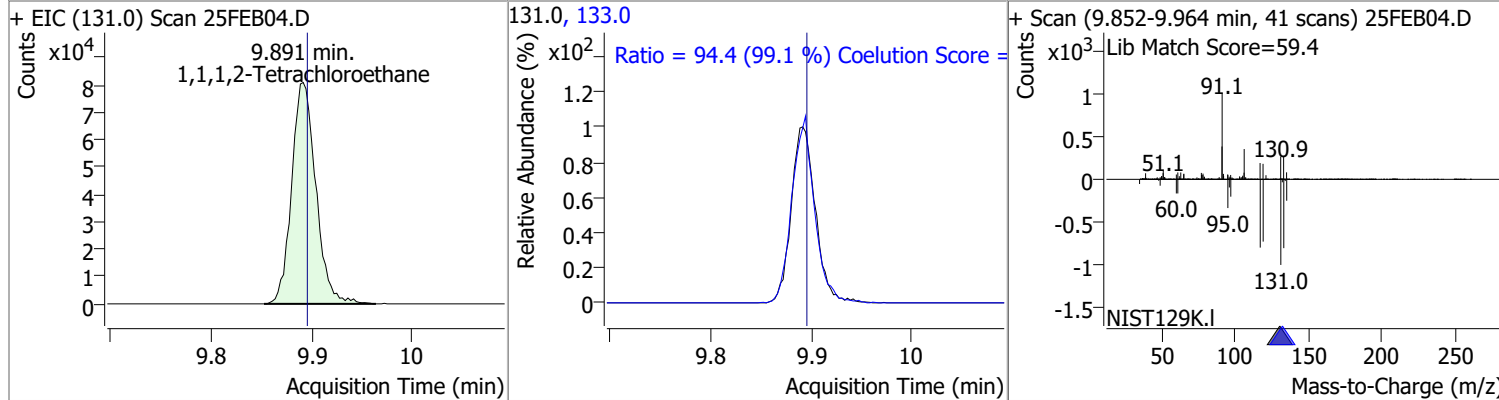


Quantitation Results Report (QT Reviewed)

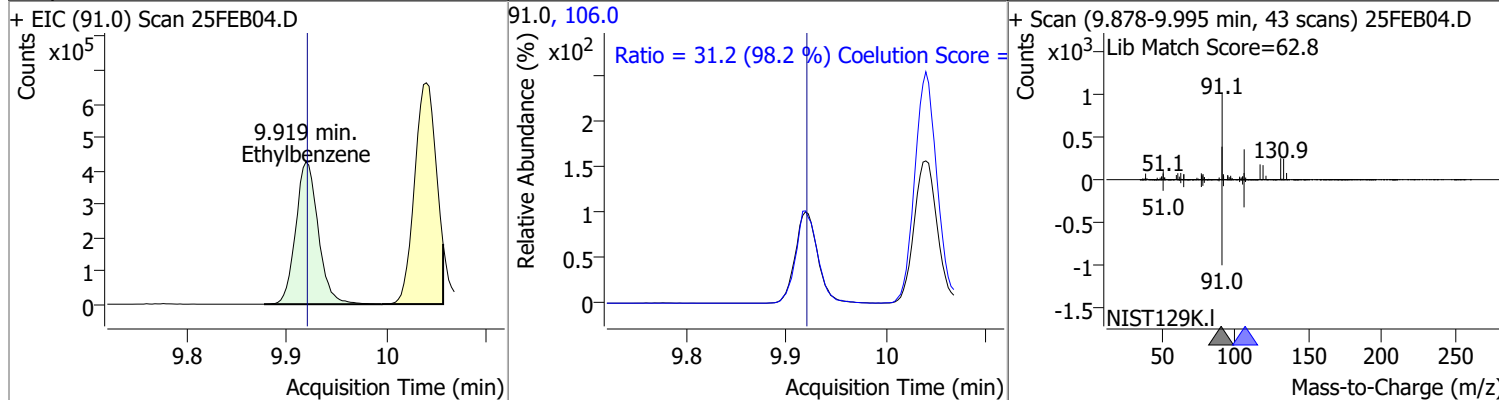
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorobenzene | 130.5546 | 9.80 | 0.00 | 389242 | 114.0 | 31.3 | 2.2 | 62.2 |



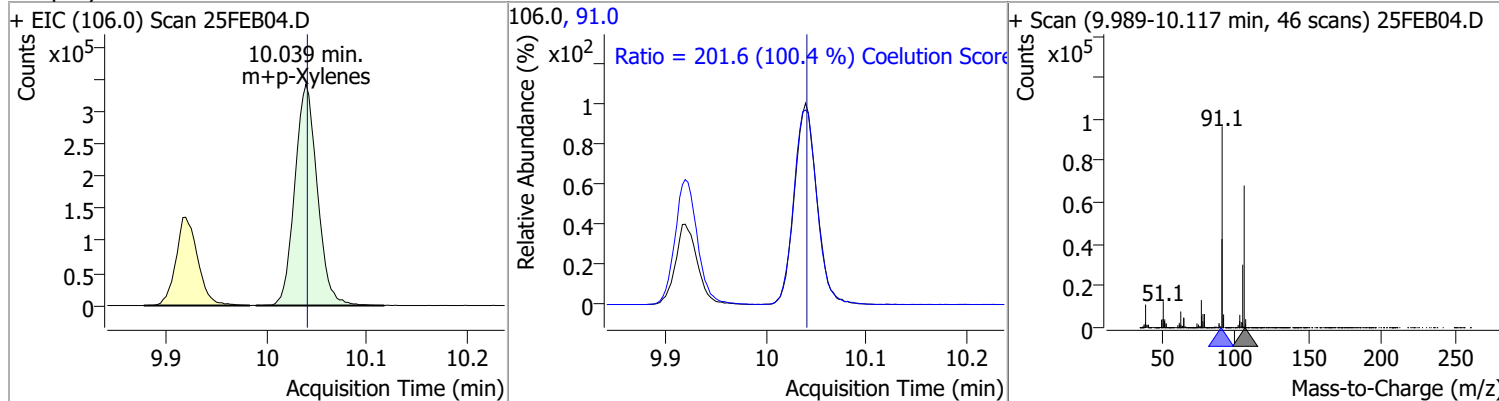
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1,1,2-Tetrachloroethane | 129.2589 | 9.89 | 0.00 | 135216 | 133.0 | 94.4 | 65.3 | 125.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|-------|--------|-------|-------|
| Ethylbenzene | 127.5540 | 9.92 | 0.00 | 663304 | 106.0 | 31.2 | 1.7 | 61.7 |

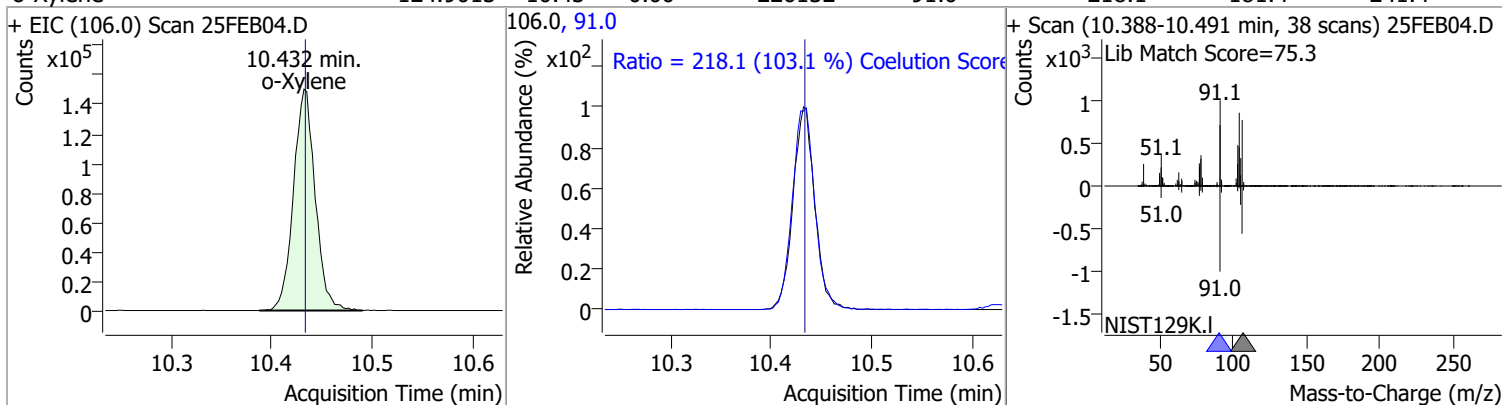


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------|----------|-------|----------|--------|------|--------|-------|-------|
| m+p-Xylenes | 256.4164 | 10.04 | 0.00 | 531261 | 91.0 | 201.6 | 170.7 | 230.7 |

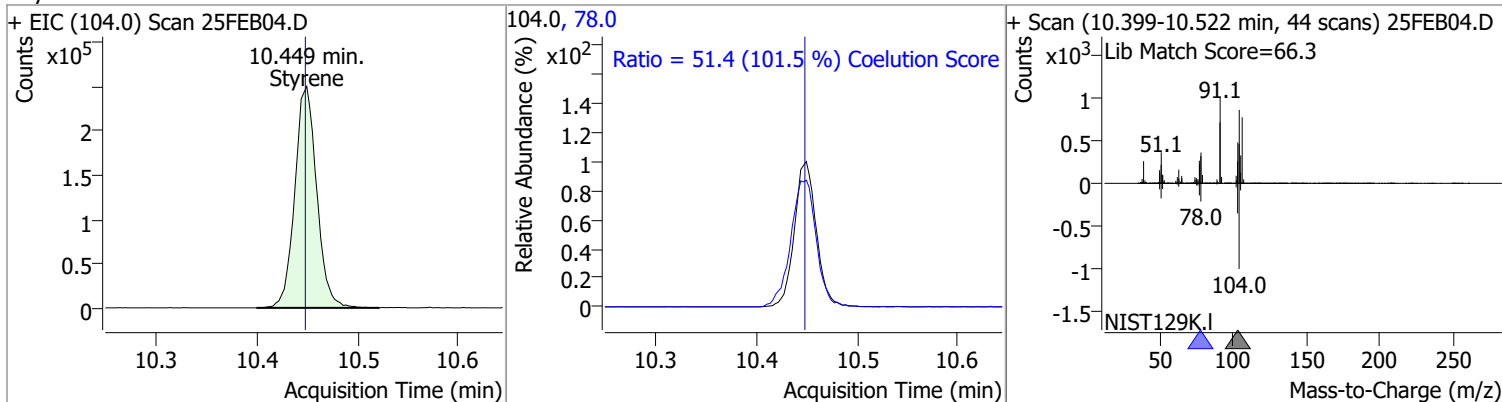


Quantitation Results Report (QT Reviewed)

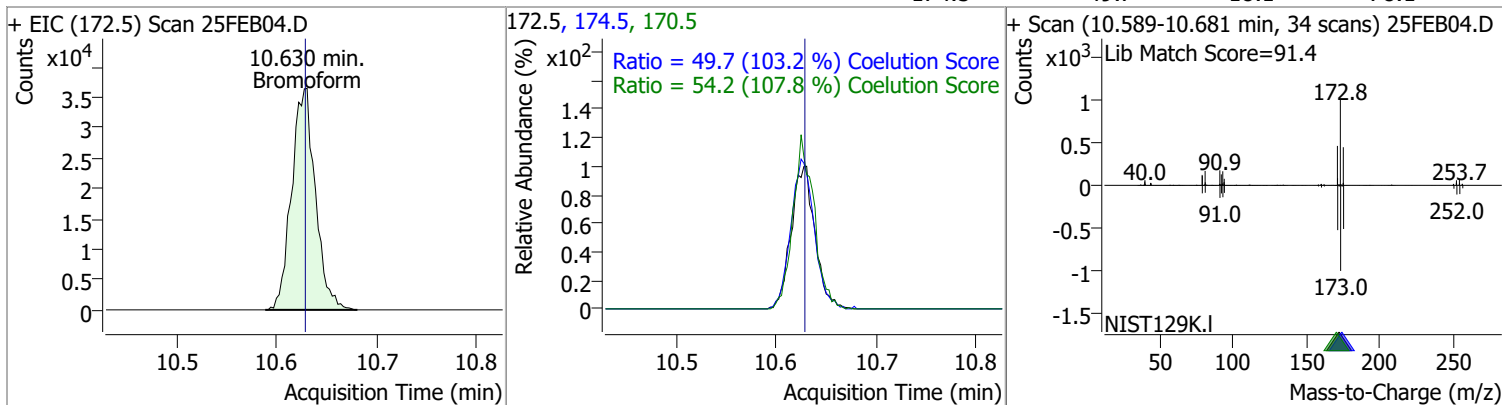
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 124.9013 | 10.43 | 0.00 | 226132 | 91.0 | 218.1 | 181.4 | 241.4 |



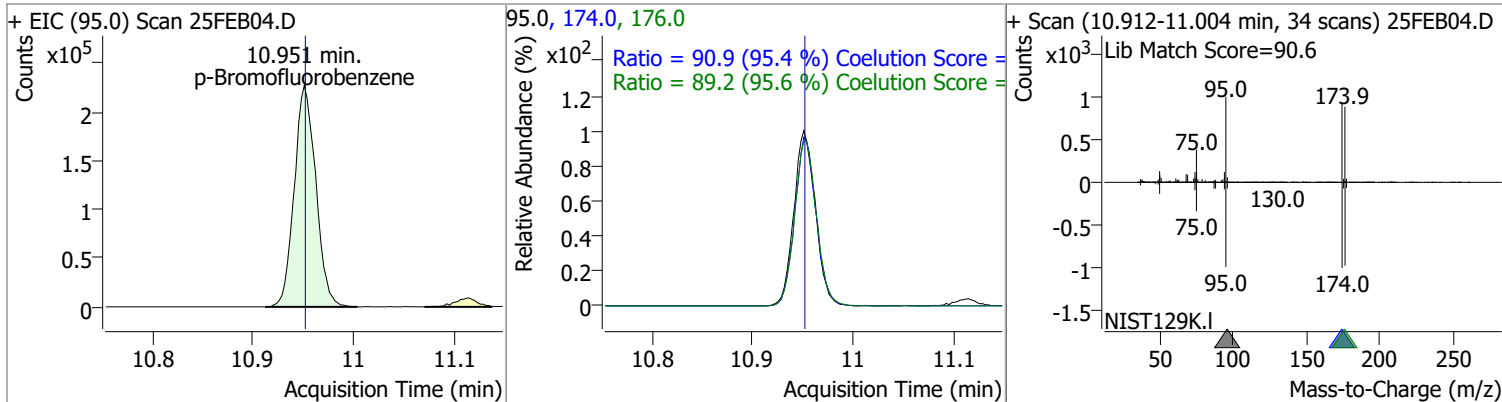
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 126.7941 | 10.45 | 0.00 | 379844 | 78.0 | 51.4 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 131.9404 | 10.63 | 0.01 | 60099 | 170.5 | 54.2 | 20.3 | 80.3 |
| | | | | | 174.5 | 49.7 | 18.1 | 78.1 |

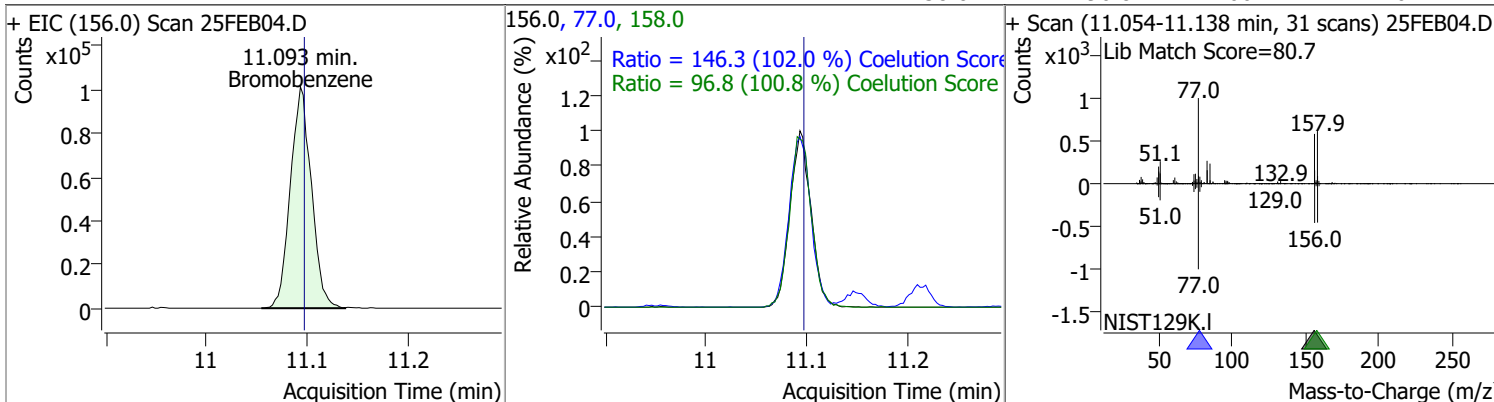


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 269.8756 | 10.95 | 0.00 | 338721 | 174.0 | 90.9 | 65.3 | 125.3 |
| | | | | | 176.0 | 89.2 | 63.3 | 123.3 |

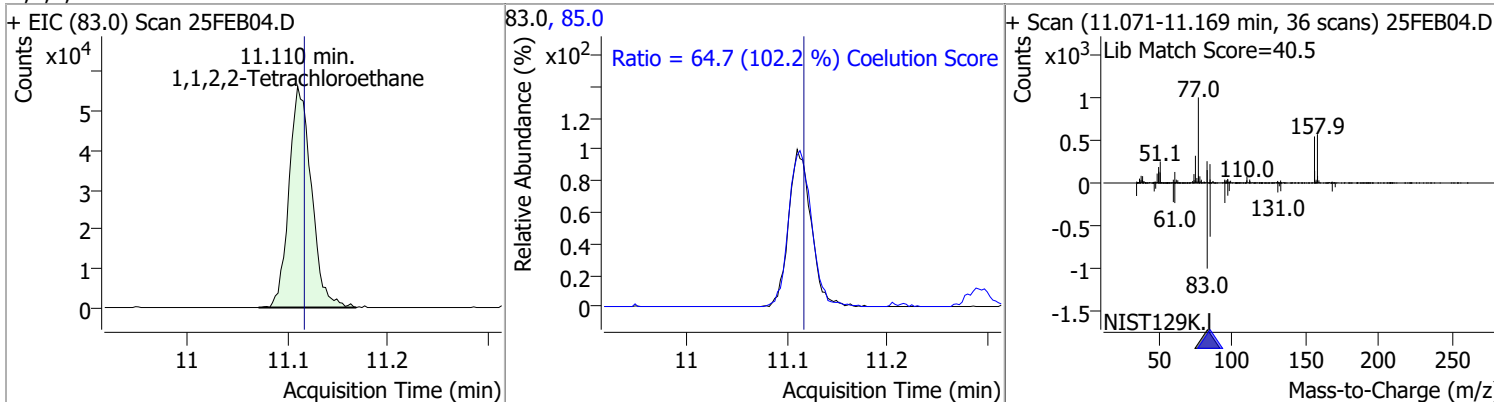


Quantitation Results Report (QT Reviewed)

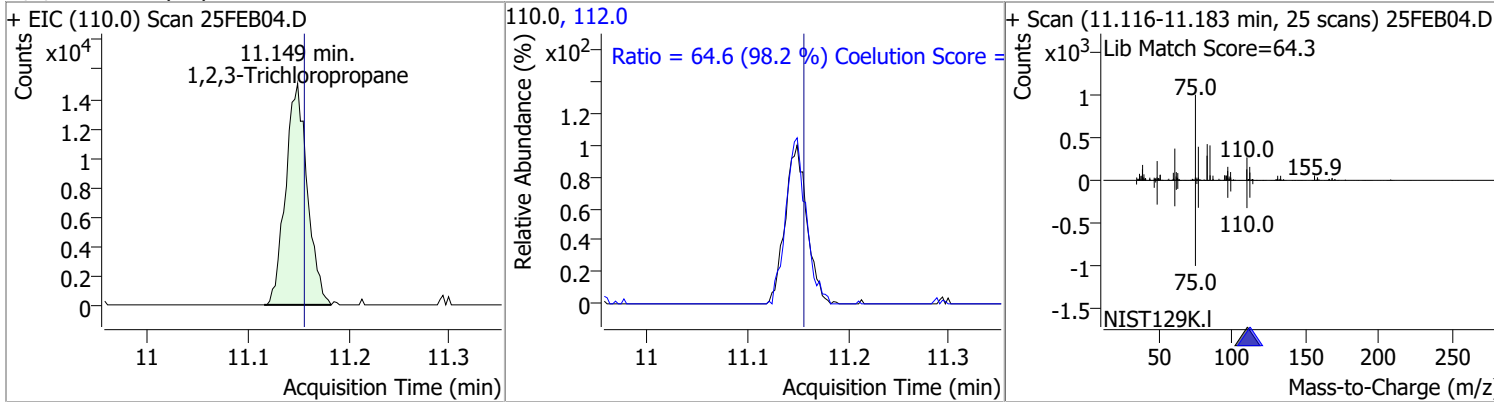
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 133.1199 | 11.09 | 0.00 | 147341 | 77.0 | 146.3 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.8 | 66.1 | 126.1 |



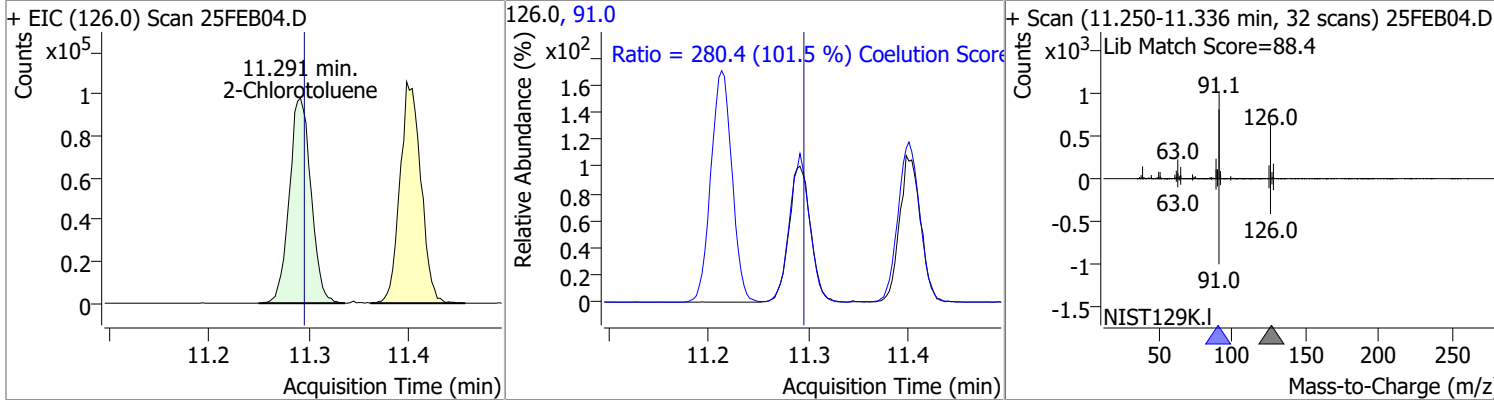
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 138.4614 | 11.11 | 0.00 | 87414 | 85.0 | 64.7 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 136.4859 | 11.15 | 0.00 | 22639 | 112.0 | 64.6 | 35.8 | 95.8 |

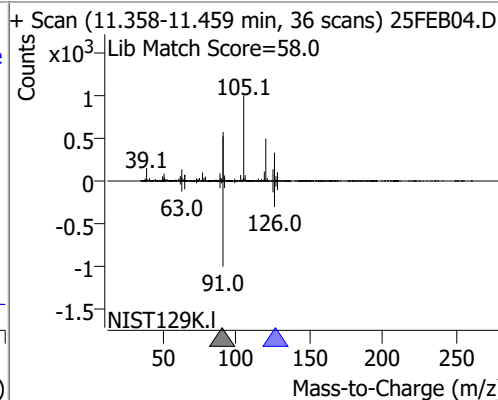
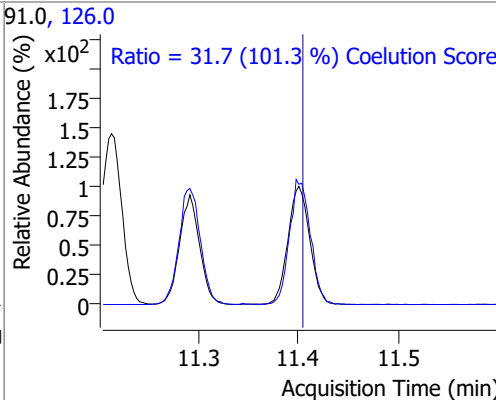
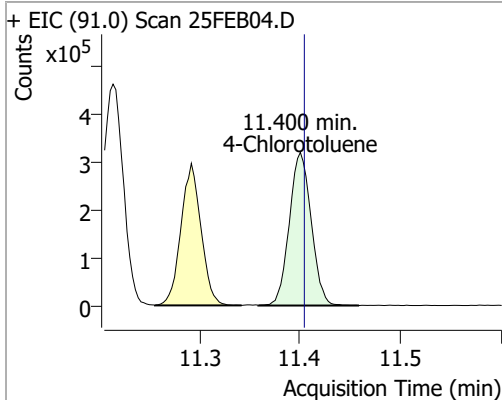


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 134.2989 | 11.29 | 0.00 | 147117 | 91.0 | 280.4 | 246.2 | 306.2 |

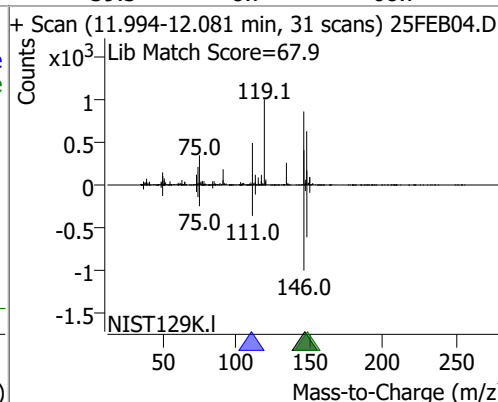
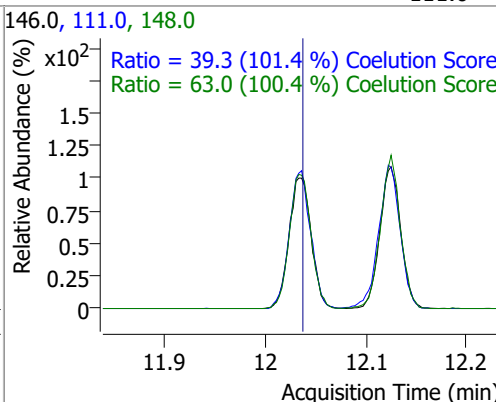
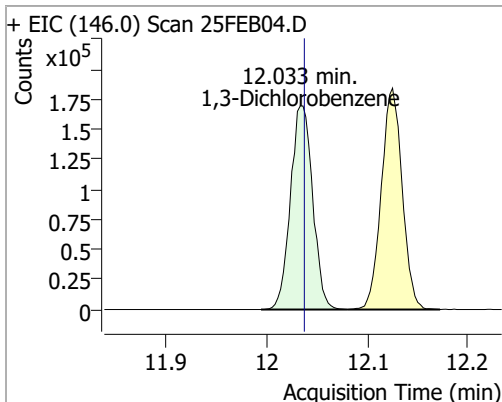


Quantitation Results Report (QT Reviewed)

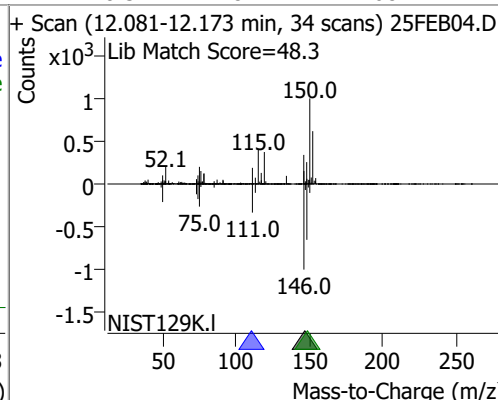
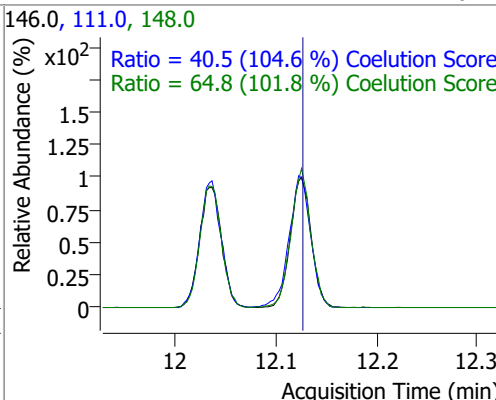
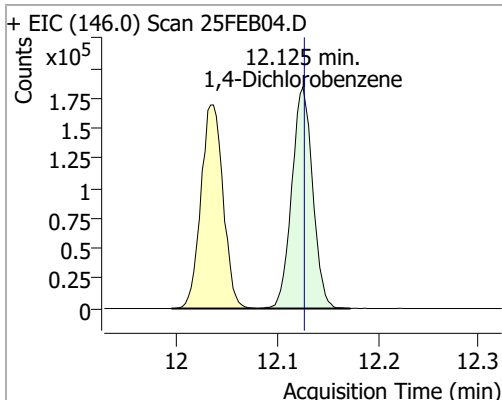
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 136.3755 | 11.40 | 0.00 | 483867 | 126.0 | 31.7 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 129.9382 | 12.03 | 0.00 | 260573 | 148.0 | 63.0 | 32.8 | 92.8 |
| | | | | | 111.0 | 39.3 | 8.7 | 68.7 |

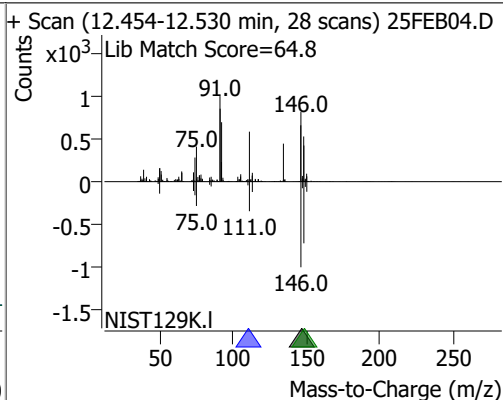
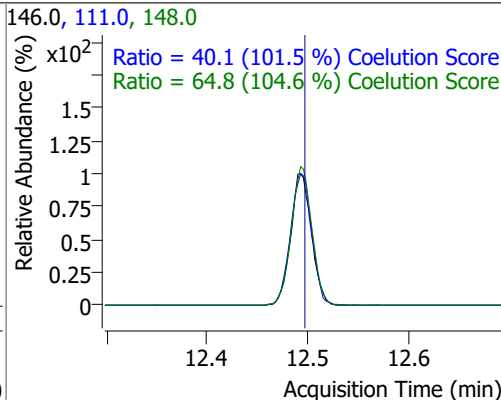
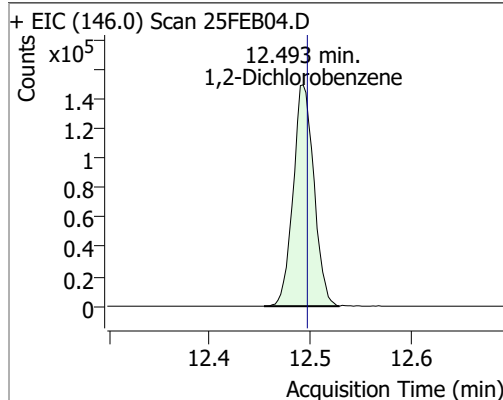


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 130.1562 | 12.13 | 0.00 | 266095 | 148.0 | 64.8 | 33.7 | 93.7 |
| | | | | | 111.0 | 40.5 | 8.7 | 68.7 |



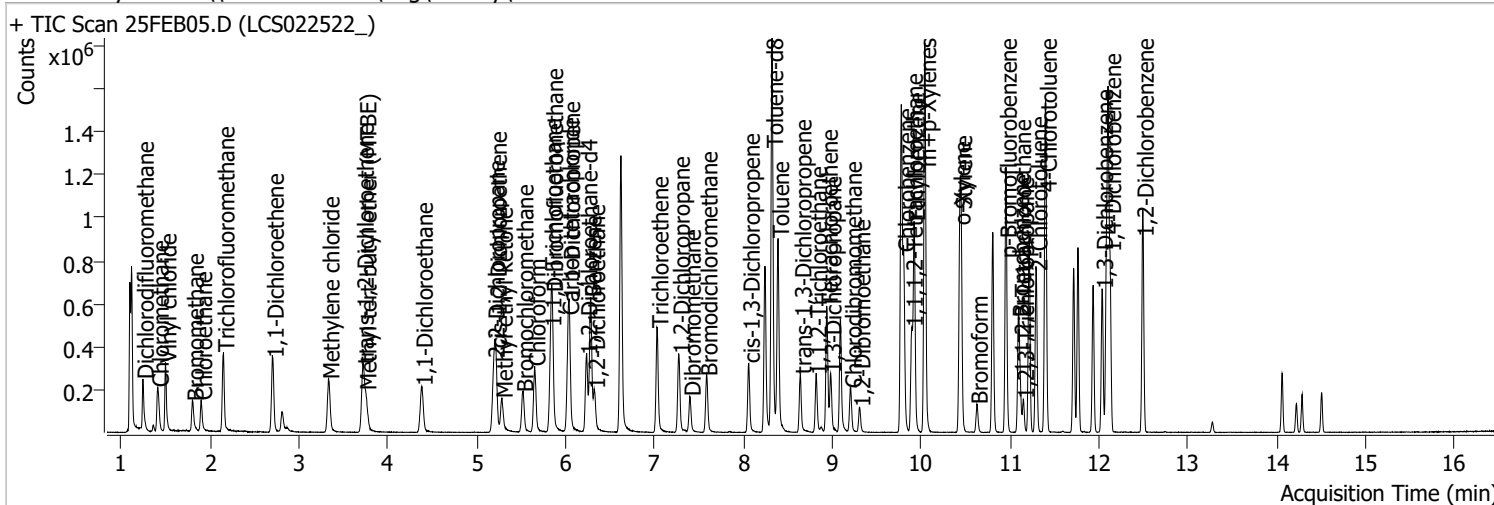
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 128.1012 | 12.49 | 0.00 | 214472 | 148.0 | 64.8 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.1 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB05.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 11:42:59 AM |
| Sample Name | LCS022522_ | Instrument | VOA5975C |
| Vial | 5 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



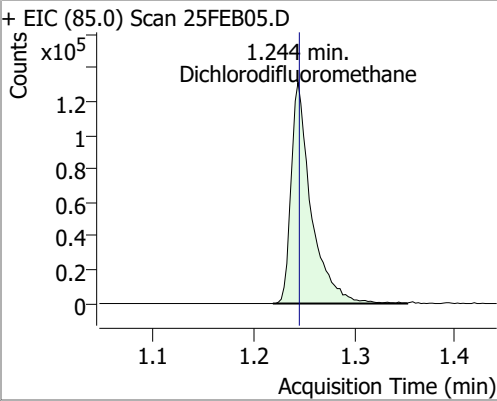
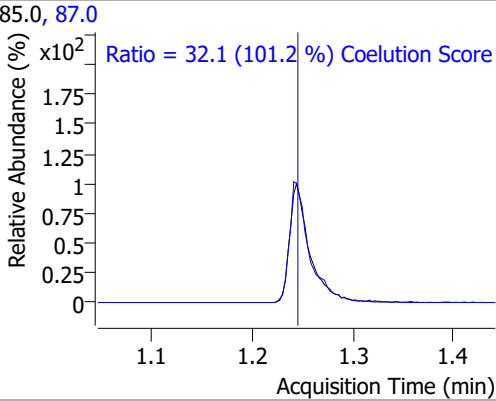
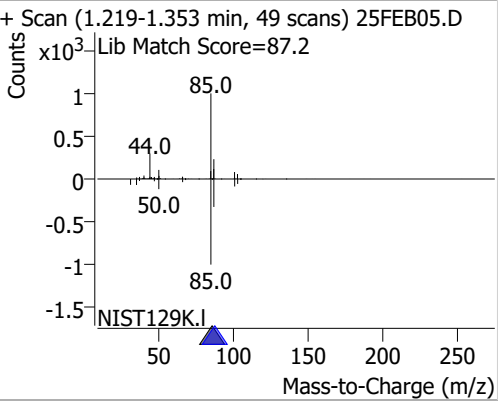
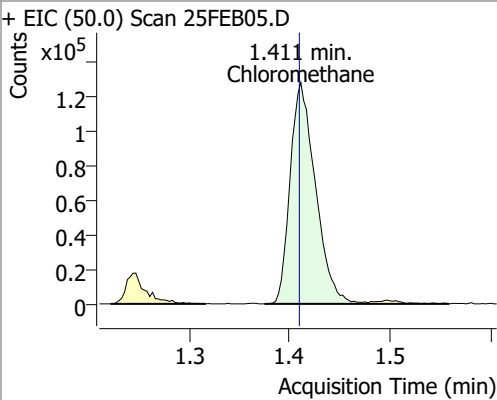
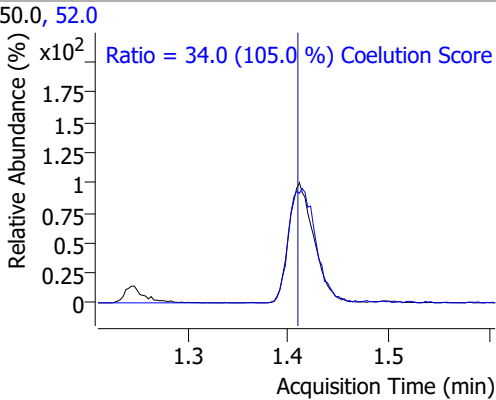
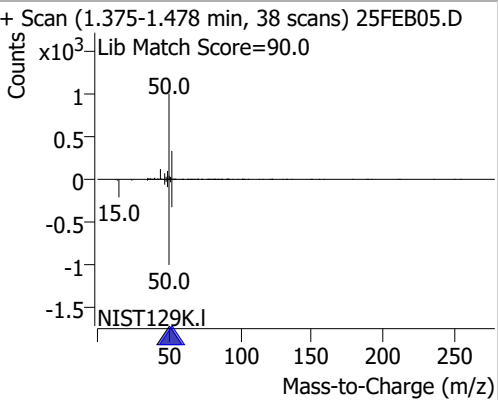
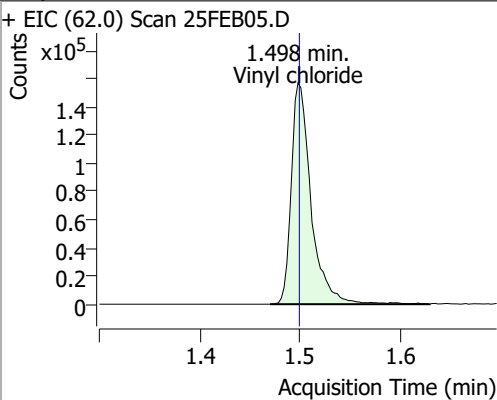
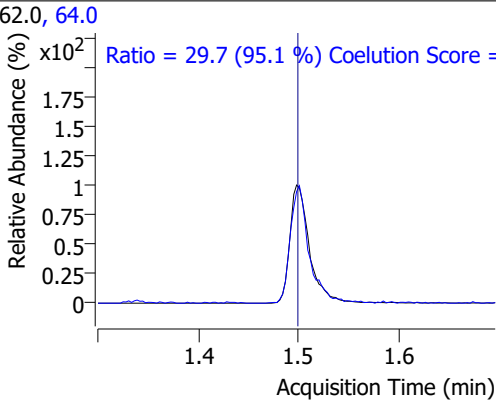
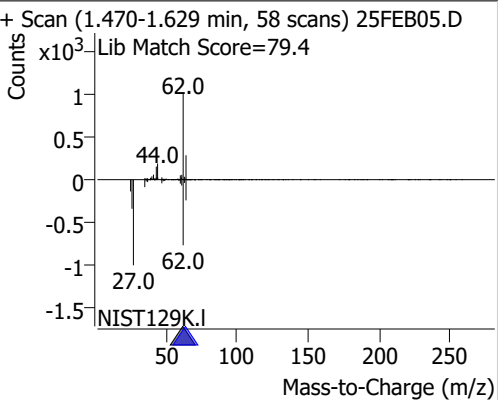
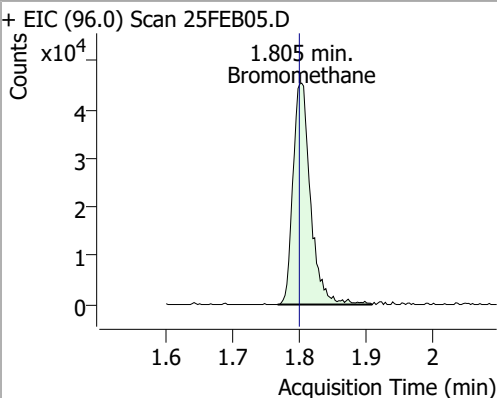
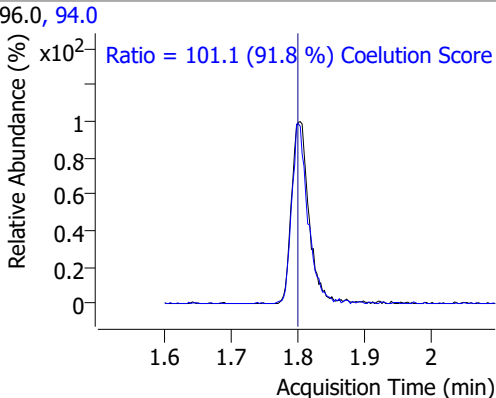
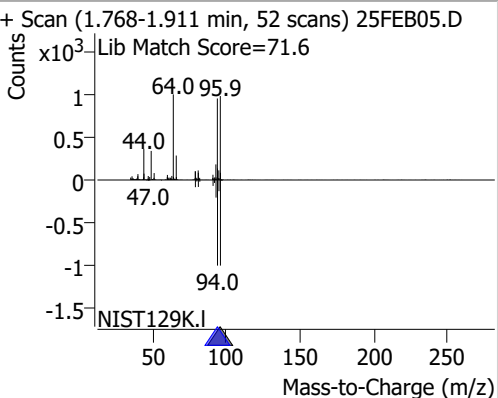
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 1108453 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 425773 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 347844 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 292463 | 272.4063 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 108.96% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 131915 | 284.4351 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 113.77% | | |
| S Toluene-d8 | 8.322 | 98.0 | 1134063 | 273.0165 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 109.21% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 345234 | 268.8066 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 107.52% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 182931 | 122.7350 | ng | 99 |
| T Chloromethane | 1.411 | 50.0 | 223690 | 127.4768 | ng | 97 |
| T Vinyl chloride | 1.498 | 62.0 | 216080 | 135.2836 | ng | 97 |
| T Bromomethane | 1.805 | 96.0 | 83538 | 120.8436 | ng | 91 |
| T Chloroethane | 1.899 | 64.0 | 99335 | 131.4515 | ng | 97 |
| T Trichlorofluoromethane | 2.150 | 101.0 | 261532 | 136.5481 | ng | 99 |
| T 1,1-Dichloroethene | 2.705 | 96.0 | 128800 | 115.5724 | ng | 98 |
| T Methylene chloride | 3.330 | 49.0 | 188249 | 116.1800 | ng | 98 |
| T trans-1,2-Dichloroethene | 3.718 | 96.0 | 136491 | 118.5550 | ng | 99 |
| T Methyl tert-butyl ether (MTBE) | 3.748 | 73.0 | 167338 | 116.2904 | ng | 99 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 255536 | 118.5962 | ng | 99 |
| T 2,2-Dichloropropane | 5.190 | 77.0 | 194699 | 119.9043 | ng | 97 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 135140 | 115.9309 | ng | 95 |
| T Methyl ethyl ketone | 5.282 | 43.0 | 208978 | 1240.5088 | ng | 99 |
| T Bromochloromethane | 5.513 | 128.0 | 55006 | 114.4464 | ng | 93 |
| T Chloroform | 5.650 | 83.0 | 239509 | 111.3278 | ng | 98 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.829 | 97.0 | 228770 | 115.2497 | ng | 98 |
| T Carbon tetrachloride | 6.027 | 117.0 | 221801 | 115.2106 | ng | 97 |
| T 1,1-Dichloropropene | 6.038 | 75.0 | 179809 | 111.7071 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 523699 | 118.2677 | ng | 98 |
| T 1,2-Dichloroethane | 6.319 | 62.0 | 140313 | 114.7237 | ng | 98 |
| T Trichloroethene | 7.030 | 95.0 | 152163 | 119.3754 | ng | 97 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 135458 | 120.8689 | ng | 98 |
| T Dibromomethane | 7.396 | 93.0 | 56970 | 120.6020 | ng | 98 |
| T Bromodichloromethane | 7.583 | 83.0 | 162460 | 122.3050 | ng | 99 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 165634 | 113.6344 | ng | 98 |
| T Toluene | 8.389 | 92.0 | 335738 | 121.2586 | ng | 98 |
| T trans-1,3-Dichloropropene | 8.639 | 75.0 | 131562 | 123.7400 | ng | 96 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 67058 | 124.0373 | ng | 98 |
| T Tetrachloroethene | 8.935 | 163.8 | 128413 | 114.3733 | ng | 98 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 132007 | 120.6605 | ng | 100 |
| T Chlorodibromomethane | 9.206 | 129.0 | 102070 | 117.2289 | ng | 96 |
| T 1,2-Dibromoethane | 9.306 | 107.0 | 71753 | 120.1690 | ng | 100 |
| T Chlorobenzene | 9.802 | 112.0 | 370085 | 121.9293 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.894 | 131.0 | 122714 | 115.2286 | ng | 98 |
| T Ethylbenzene | 9.919 | 91.0 | 620248 | 117.5284 | ng | 99 |
| T m+p-Xylenes | 10.042 | 106.0 | 480893 | 228.8523 | ng | 98 |
| T o-Xylene | 10.430 | 106.0 | 218384 | 118.7391 | ng | 98 |
| T Styrene | 10.449 | 104.0 | 362897 | 119.2539 | ng | 99 |
| T Bromoform | 10.625 | 172.5 | 57566 | 123.5041 | ng | 98 |
| T Bromobenzene | 11.091 | 156.0 | 142109 | 125.4718 | ng | 100 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 81239 | 125.7527 | ng | 99 |
| T 1,2,3-Trichloropropane | 11.146 | 110.0 | 20323 | 119.7356 | ng | 98 |
| T 2-Chlorotoluene | 11.294 | 126.0 | 137920 | 123.0387 | ng | 97 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 466032 | 128.3604 | ng | 98 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 257277 | 125.3757 | ng | 99 |
| T 1,4-Dichlorobenzene | 12.123 | 146.0 | 256234 | 122.4813 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 208872 | 121.9179 | ng | 96 |

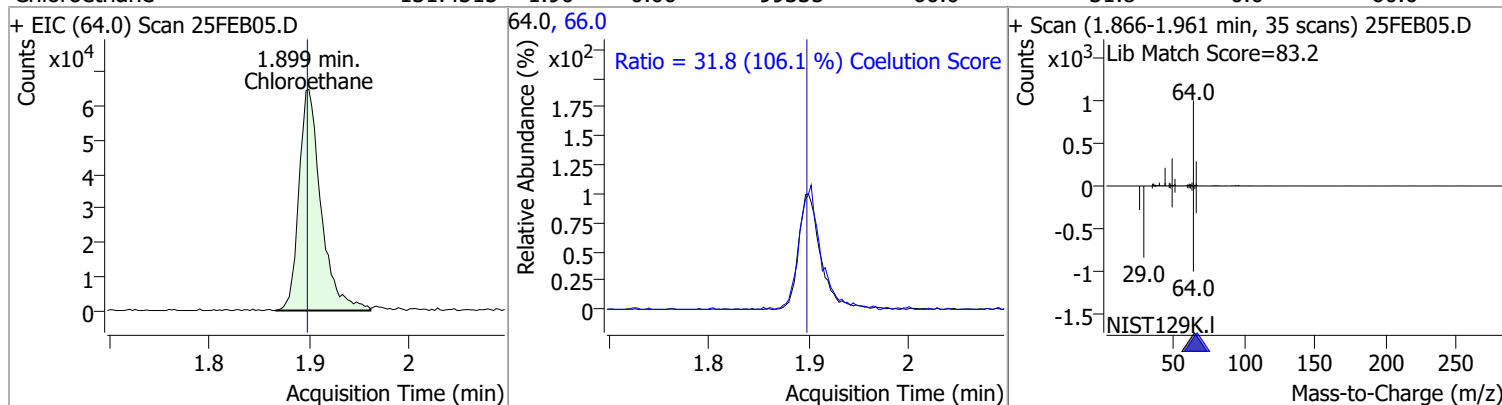
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

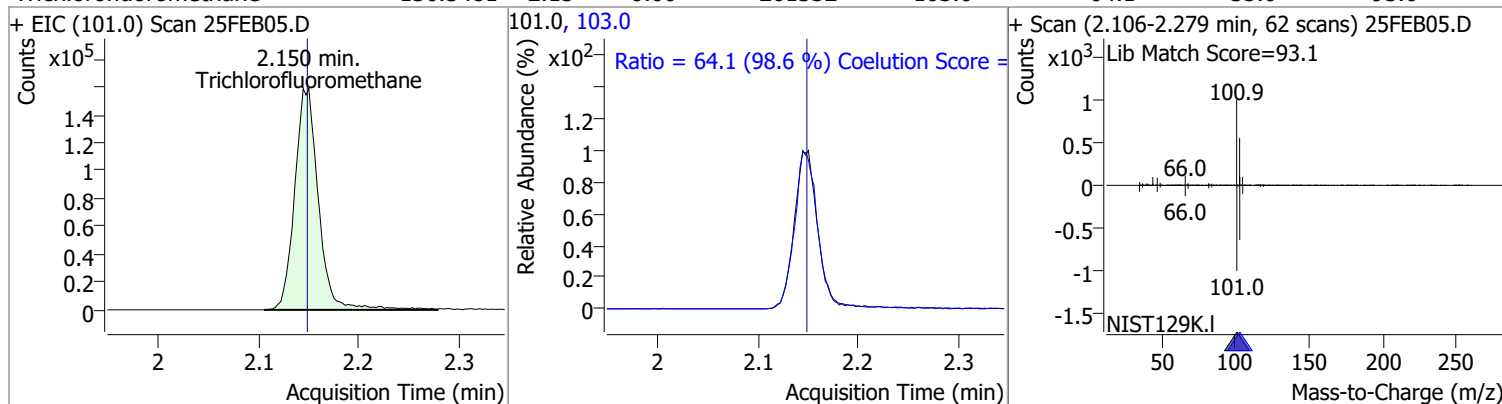
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|----------|------|--|--------|------|---|-------|-------|
| Dichlorodifluoromethane | 122.7350 | 1.24 | 0.00 | 182931 | 87.0 | 32.1 | 1.8 | 61.8 |
| + EIC (85.0) Scan 25FEB05.D  | | | 85.0, 87.0  | | | + Scan (1.219-1.353 min, 49 scans) 25FEB05.D Lib Match Score=87.2  | | |
| Chloromethane | 127.4768 | 1.41 | 0.00 | 223690 | 52.0 | 34.0 | 2.4 | 62.4 |
| + EIC (50.0) Scan 25FEB05.D  | | | 50.0, 52.0  | | | + Scan (1.375-1.478 min, 38 scans) 25FEB05.D Lib Match Score=90.0  | | |
| Vinyl chloride | 135.2836 | 1.50 | 0.00 | 216080 | 64.0 | 29.7 | 1.3 | 61.3 |
| + EIC (62.0) Scan 25FEB05.D  | | | 62.0, 64.0  | | | + Scan (1.470-1.629 min, 58 scans) 25FEB05.D Lib Match Score=79.4  | | |
| Bromomethane | 120.8436 | 1.80 | 0.01 | 83538 | 94.0 | 101.1 | 80.1 | 140.1 |
| + EIC (96.0) Scan 25FEB05.D  | | | 96.0, 94.0  | | | + Scan (1.768-1.911 min, 52 scans) 25FEB05.D Lib Match Score=71.6  | | |

Quantitation Results Report (QT Reviewed)

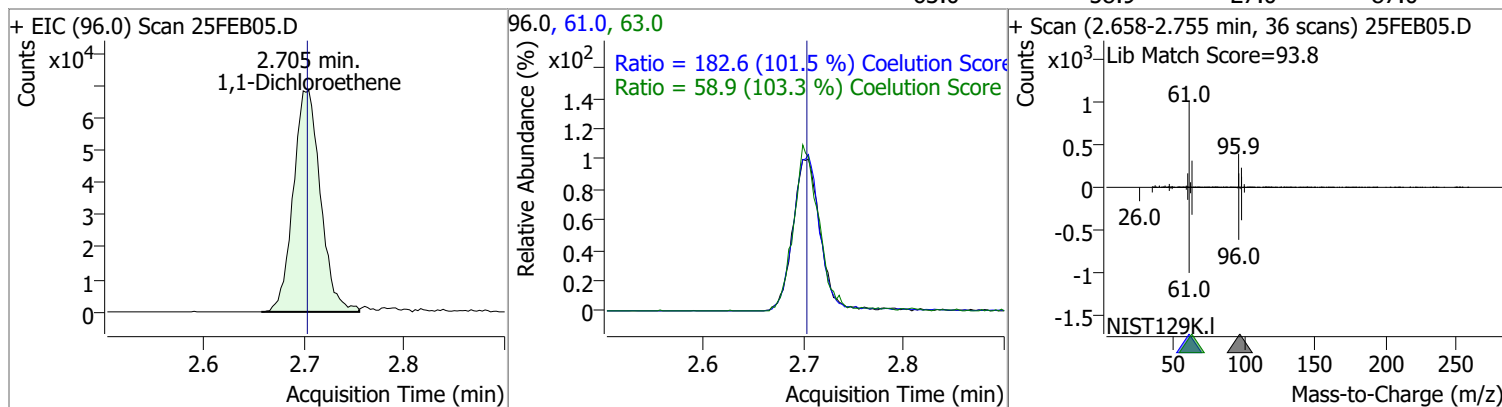
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 131.4515 | 1.90 | 0.00 | 99335 | 66.0 | 31.8 | 0.0 | 60.0 |



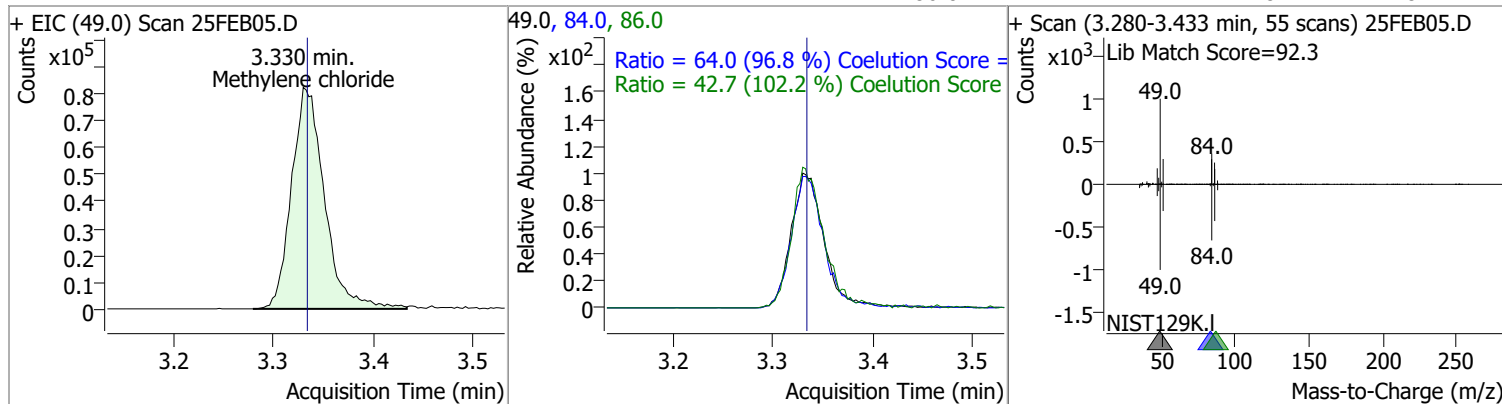
| | | | | | | | | |
|------------------------|----------|------|------|--------|-------|------|------|------|
| Trichlorofluoromethane | 136.5481 | 2.15 | 0.00 | 261532 | 103.0 | 64.1 | 35.0 | 95.0 |
|------------------------|----------|------|------|--------|-------|------|------|------|



| | | | | | | | | |
|--------------------|----------|------|------|--------|------|-------|-------|-------|
| 1,1-Dichloroethene | 115.5724 | 2.71 | 0.00 | 128800 | 61.0 | 182.6 | 149.9 | 209.9 |
| | | | | | 63.0 | 58.9 | 27.0 | 87.0 |

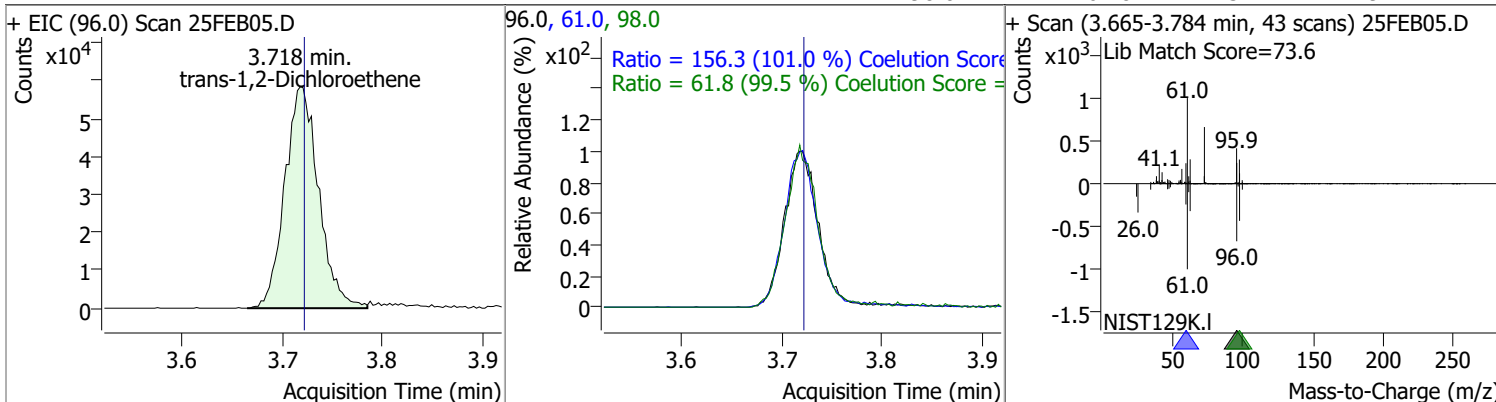


| | | | | | | | | |
|--------------------|----------|------|------|--------|------|------|------|------|
| Methylene chloride | 116.1800 | 3.33 | 0.00 | 188249 | 84.0 | 64.0 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.7 | 11.8 | 71.8 |

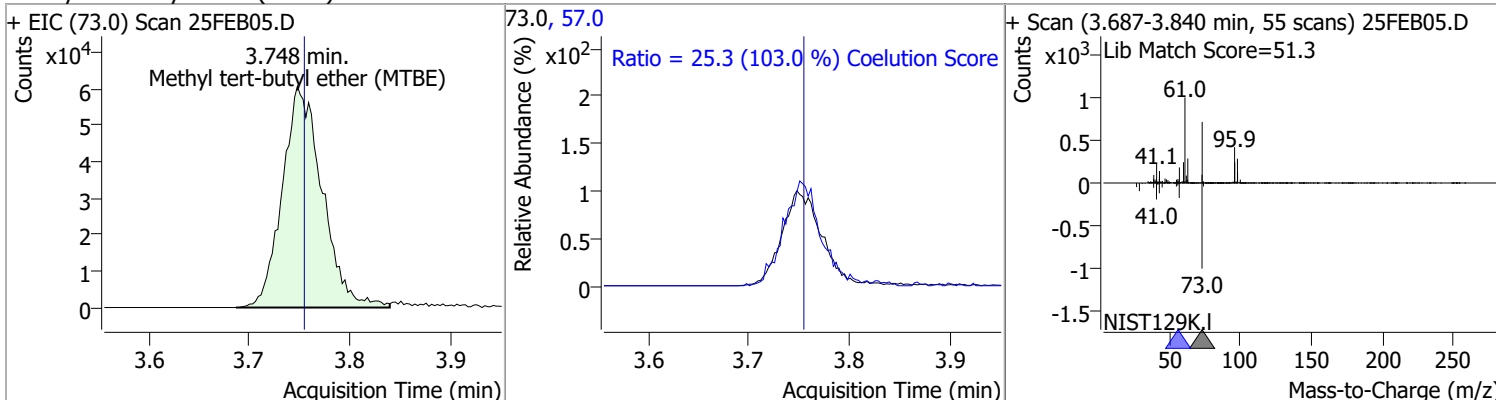


Quantitation Results Report (QT Reviewed)

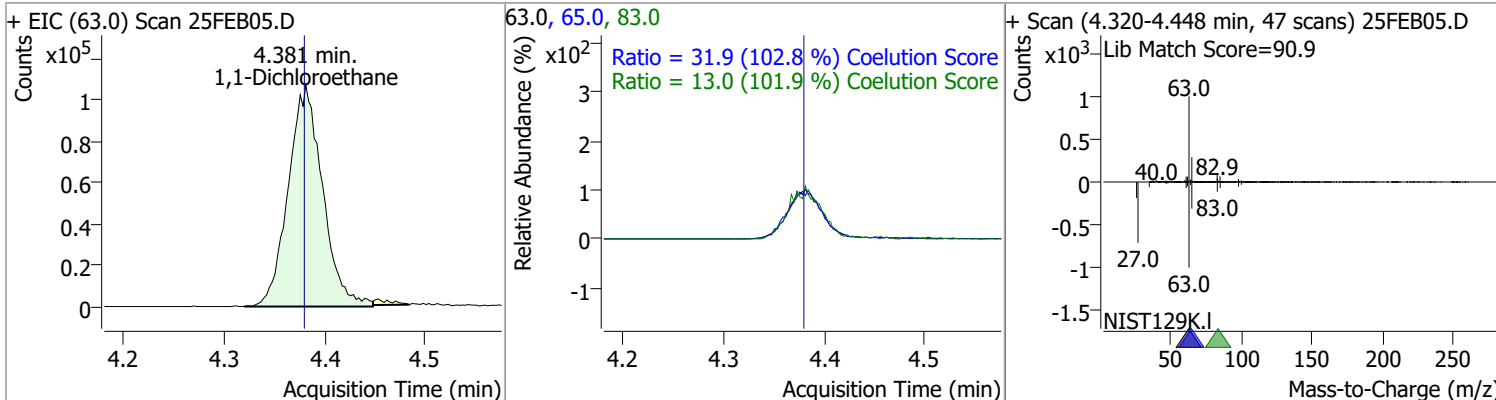
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 118.5550 | 3.72 | 0.00 | 136491 | 61.0 | 156.3 | 124.8 | 184.8 |
| | | | | | 98.0 | 61.8 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 116.2904 | 3.75 | -0.01 | 167338 | 57.0 | 25.3 | 0.0 | 54.6 |

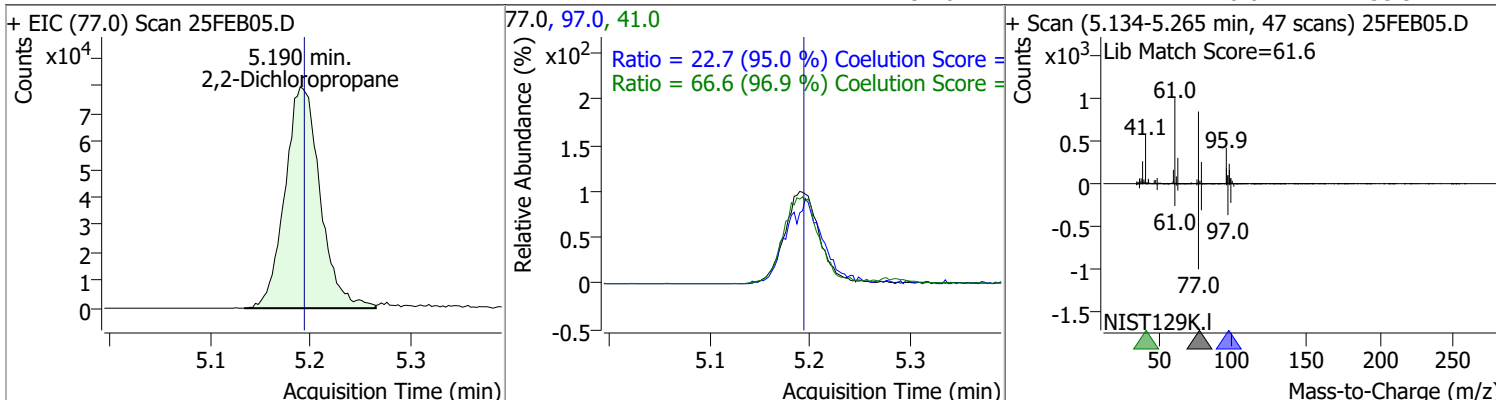


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 118.5962 | 4.38 | 0.00 | 255536 | 65.0 | 31.9 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.0 | 0.0 | 42.7 |

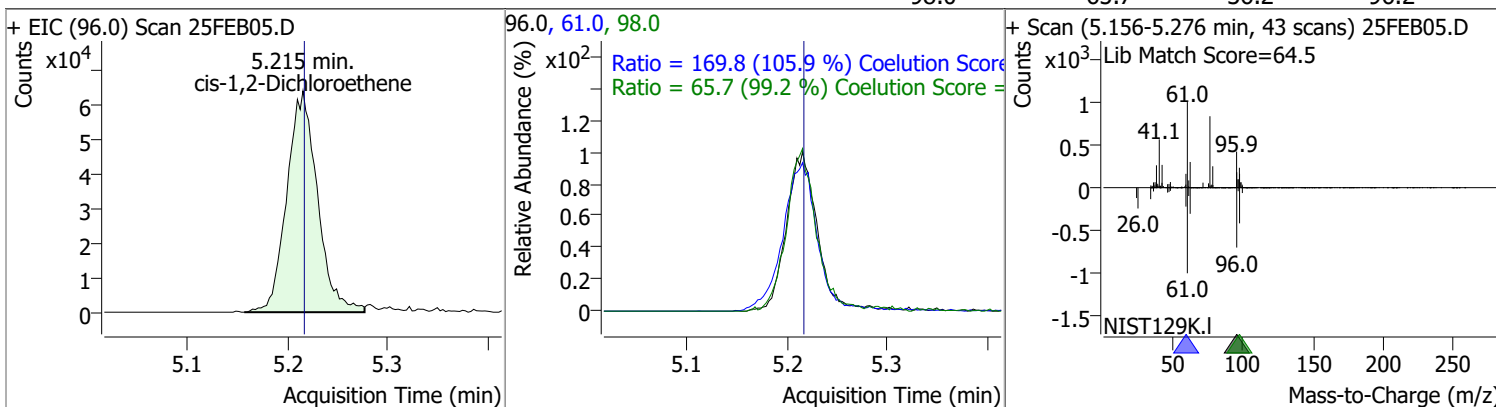


Quantitation Results Report (QT Reviewed)

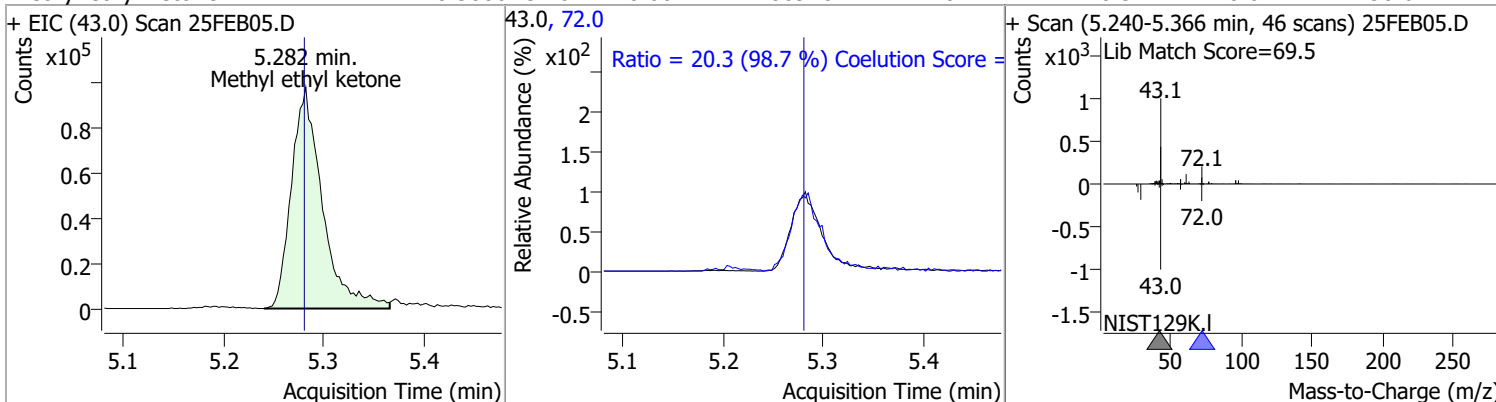
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 119.9043 | 5.19 | 0.00 | 194699 | 41.0 | 66.6 | 38.8 | 98.8 |
| | | | | | 97.0 | 22.7 | 0.0 | 53.9 |



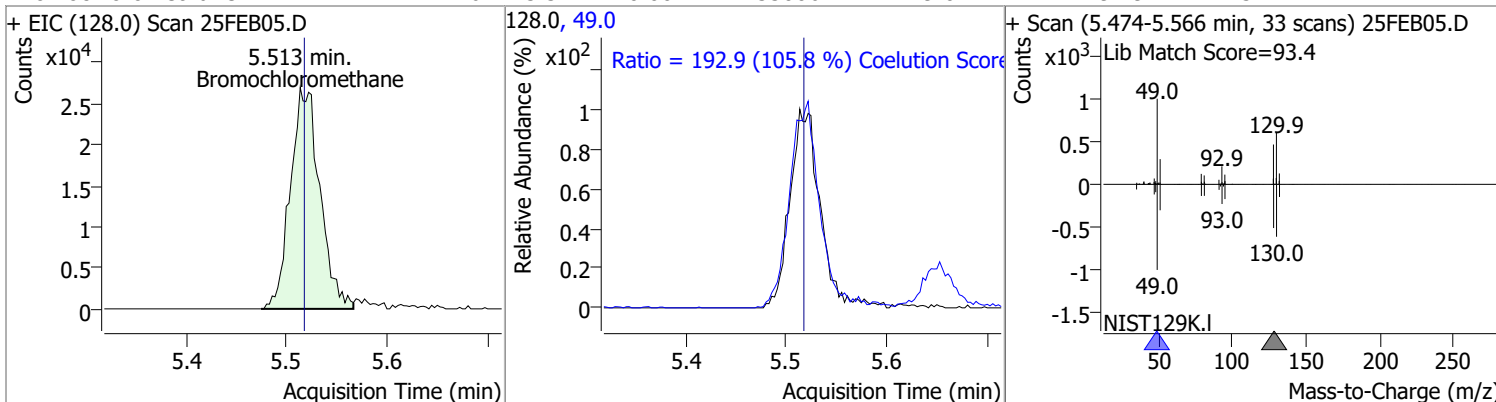
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 115.9309 | 5.22 | 0.00 | 135140 | 61.0 | 169.8 | 130.4 | 190.4 |
| | | | | | 98.0 | 65.7 | 36.2 | 96.2 |



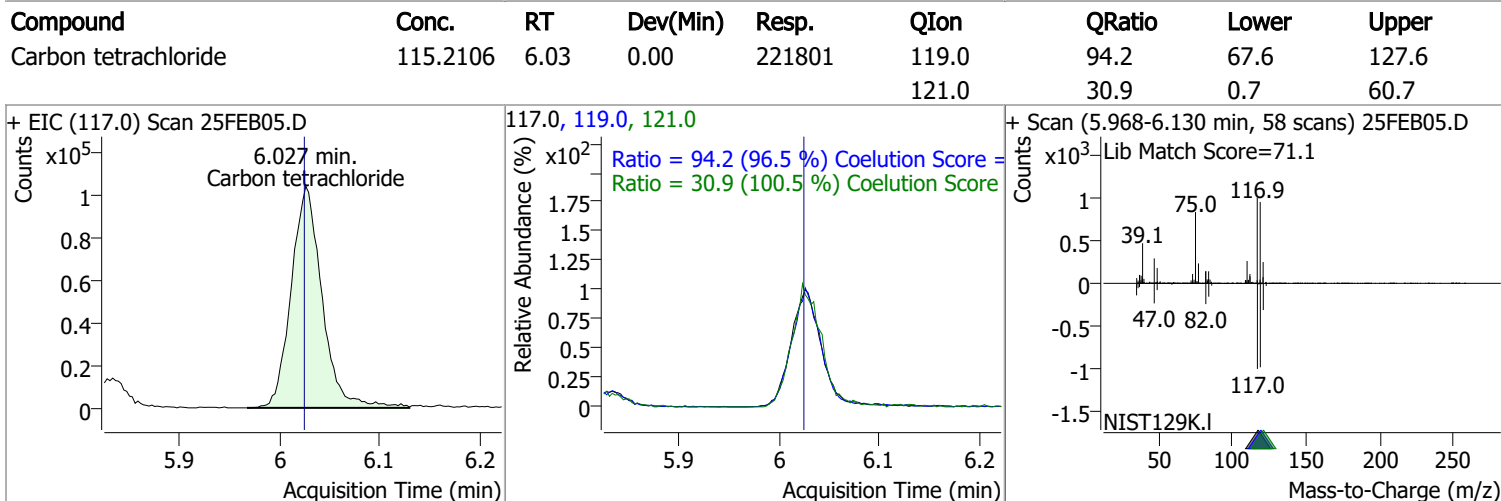
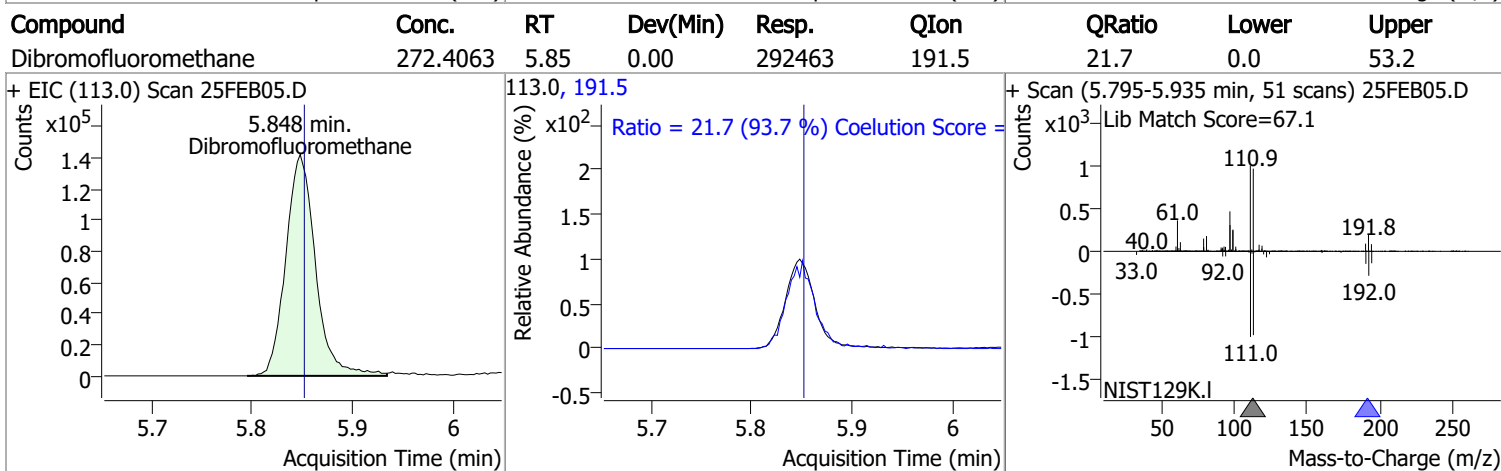
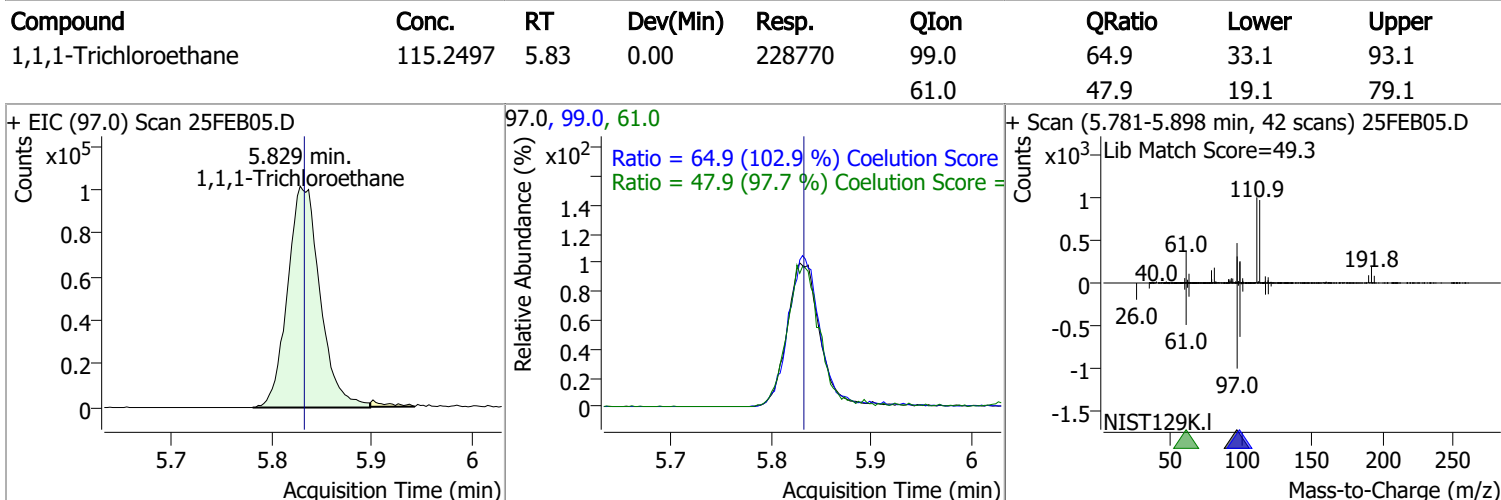
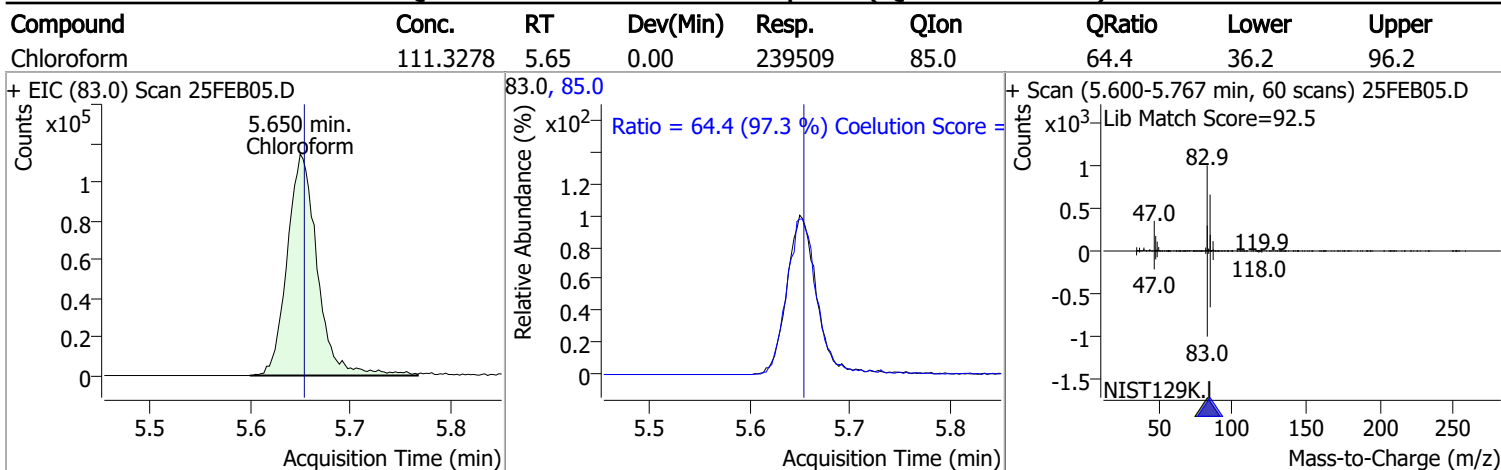
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1240.5088 | 5.28 | 0.00 | 208978 | 72.0 | 20.3 | 0.0 | 50.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 114.4464 | 5.51 | 0.00 | 55006 | 49.0 | 192.9 | 152.2 | 212.2 |

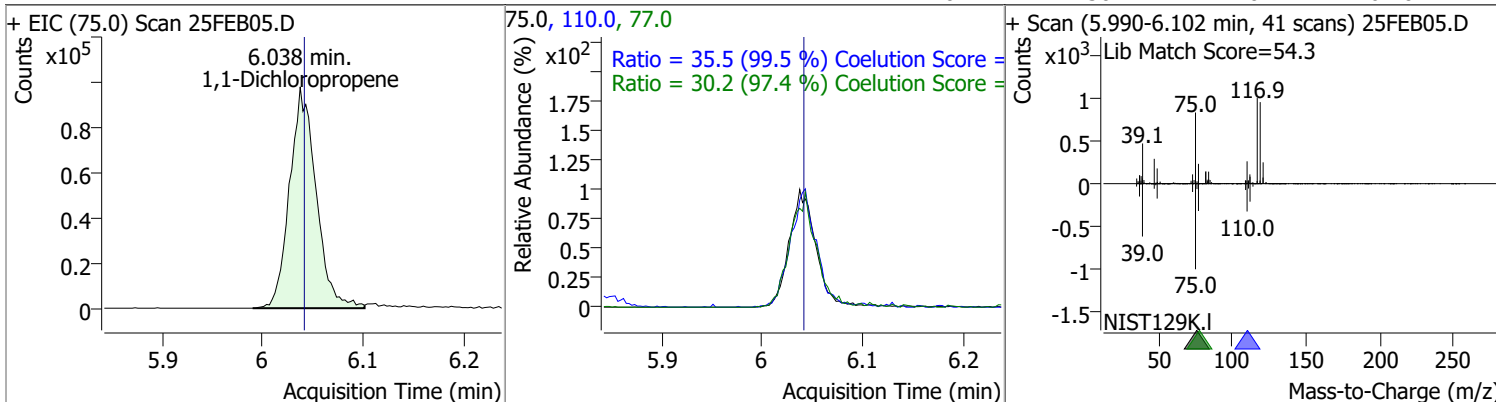


Quantitation Results Report (QT Reviewed)

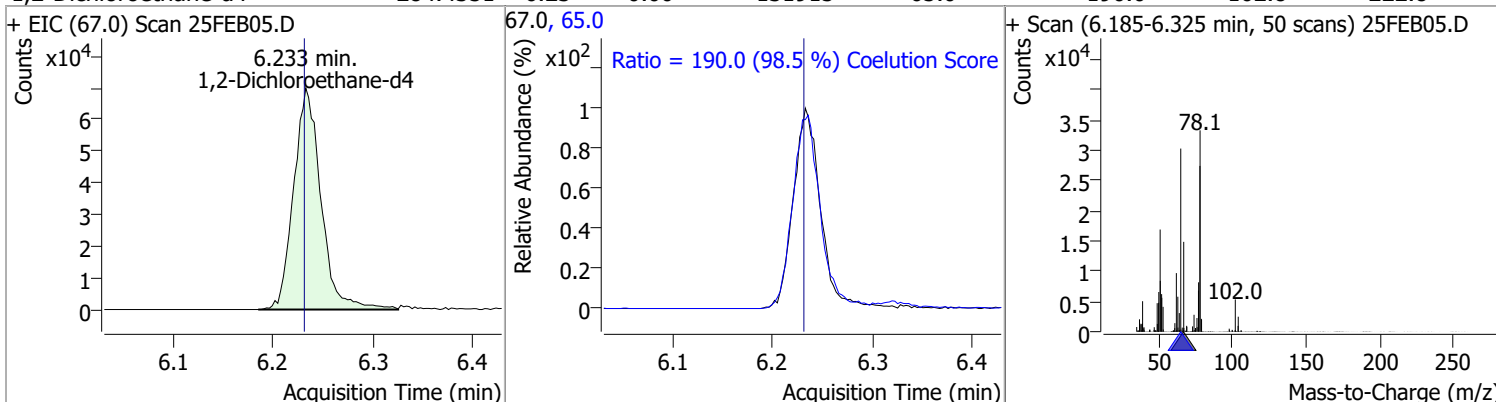


Quantitation Results Report (QT Reviewed)

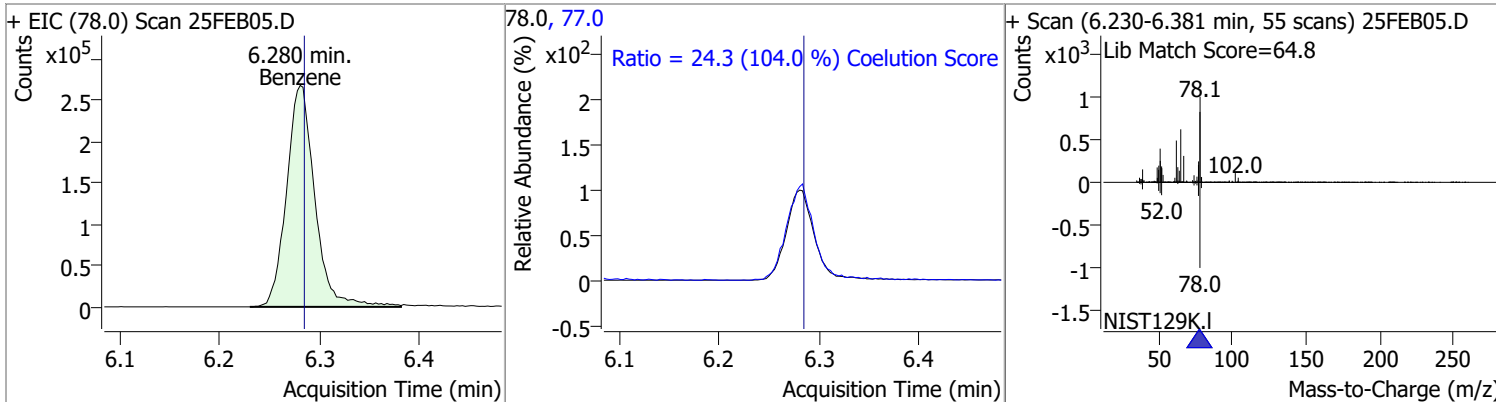
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 111.7071 | 6.04 | 0.00 | 179809 | 110.0 | 35.5 | 5.6 | 65.6 |
| | | | | | 77.0 | 30.2 | 1.0 | 61.0 |



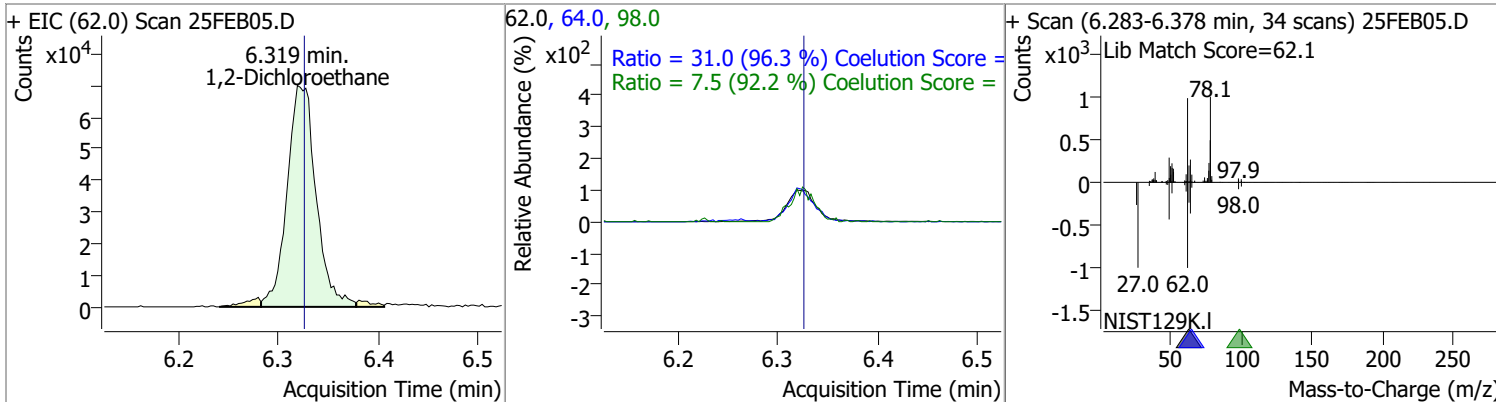
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 284.4351 | 6.23 | 0.00 | 131915 | 65.0 | 190.0 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 118.2677 | 6.28 | 0.00 | 523699 | 77.0 | 24.3 | 0.0 | 53.3 |

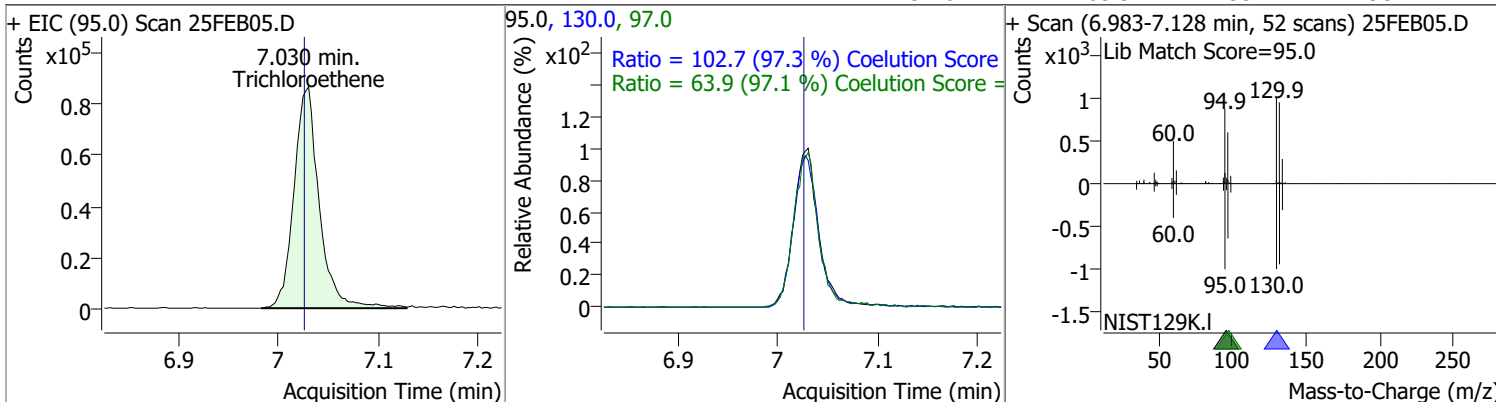


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 114.7237 | 6.32 | -0.01 | 140313 | 64.0 | 31.0 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.5 | 0.0 | 38.2 |

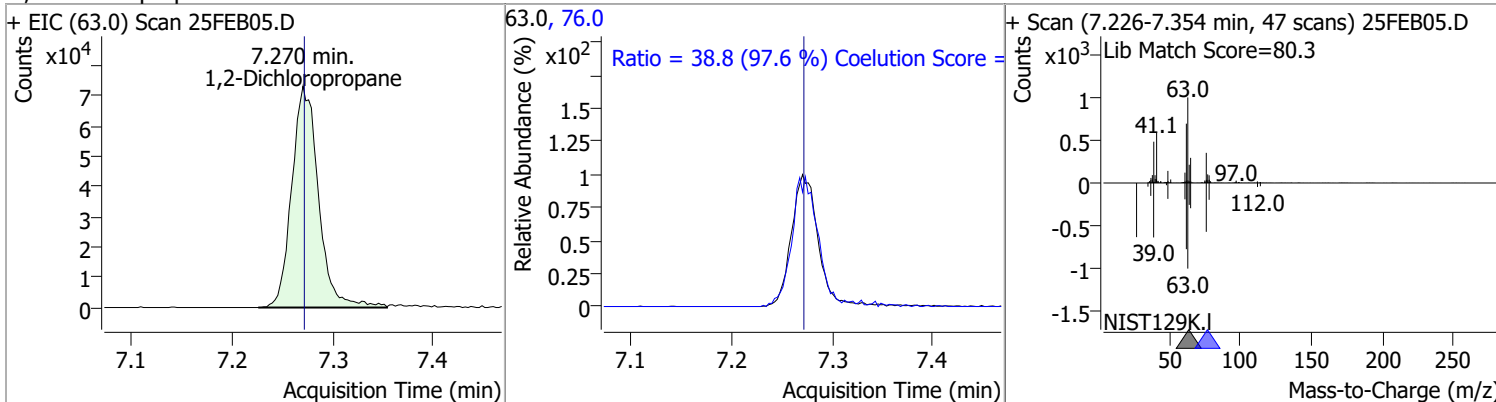


Quantitation Results Report (QT Reviewed)

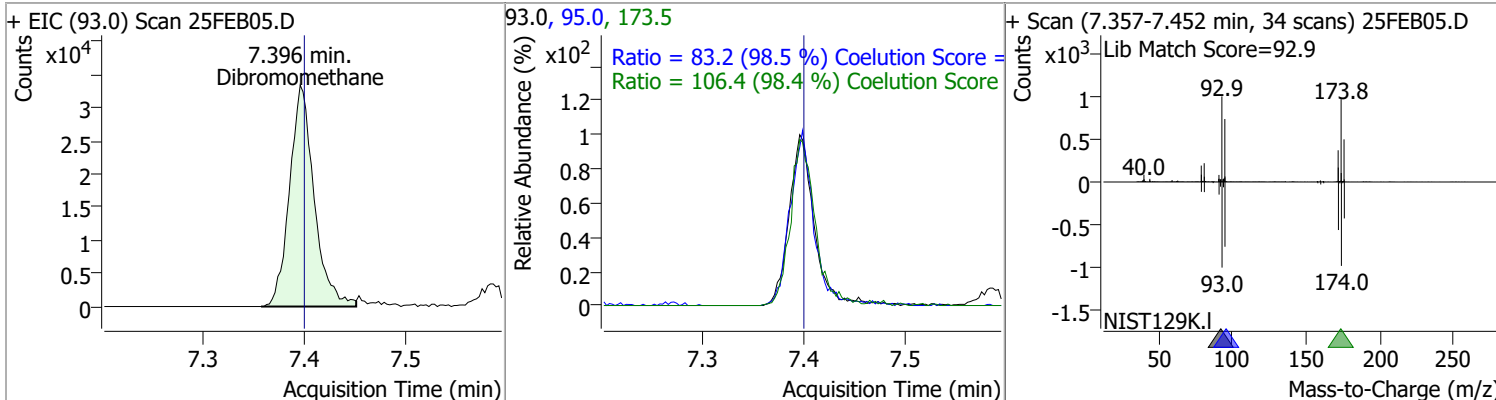
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 119.3754 | 7.03 | 0.01 | 152163 | 130.0 | 102.7 | 75.6 | 135.6 |
| | | | | | 97.0 | 63.9 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 120.8689 | 7.27 | 0.00 | 135458 | 76.0 | 38.8 | 9.8 | 69.8 |

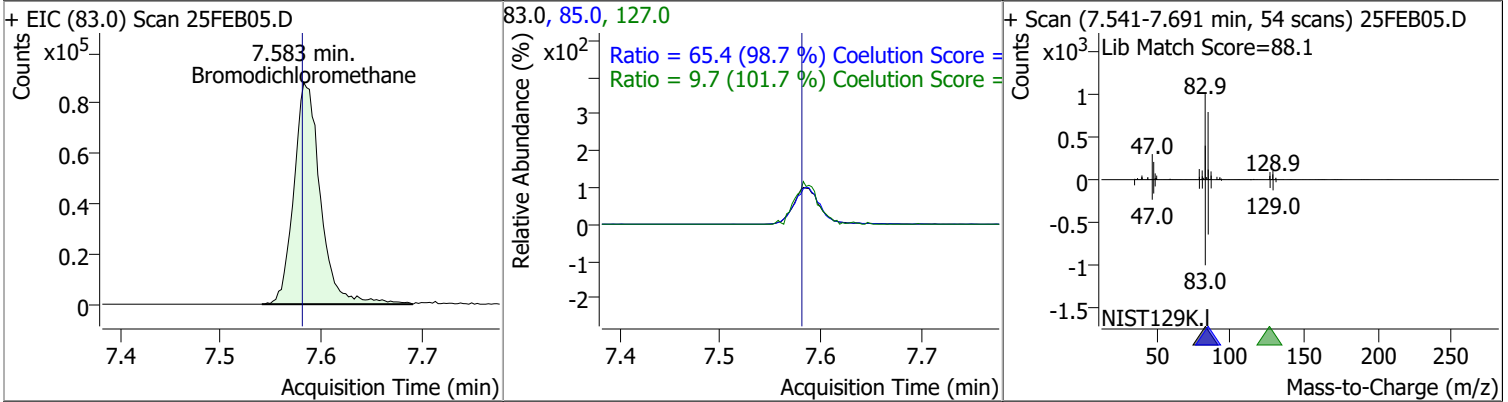


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 120.6020 | 7.40 | 0.00 | 56970 | 173.5 | 106.4 | 78.2 | 138.2 |
| | | | | | 95.0 | 83.2 | 54.5 | 114.5 |

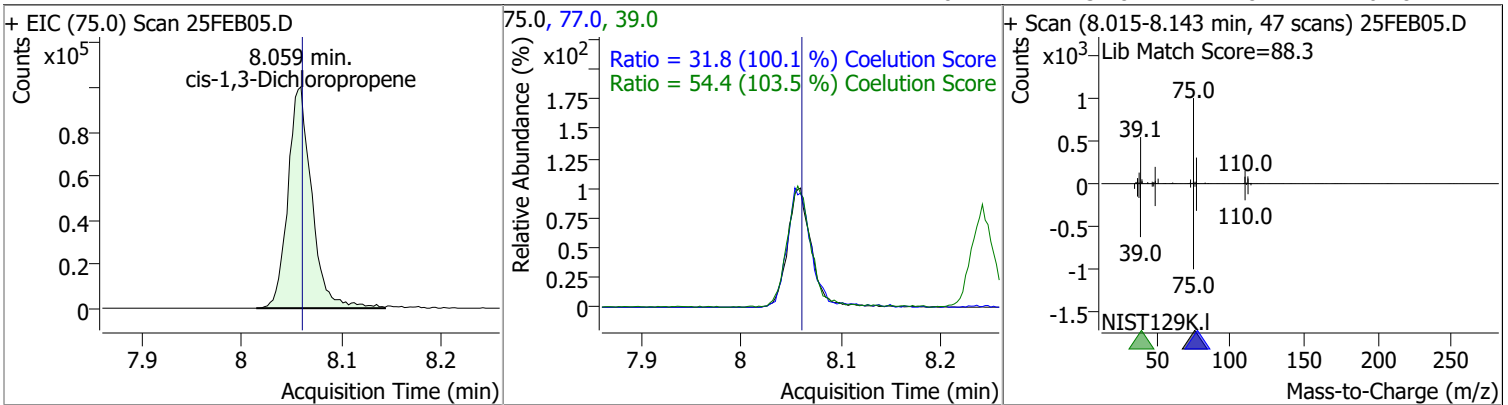


Quantitation Results Report (QT Reviewed)

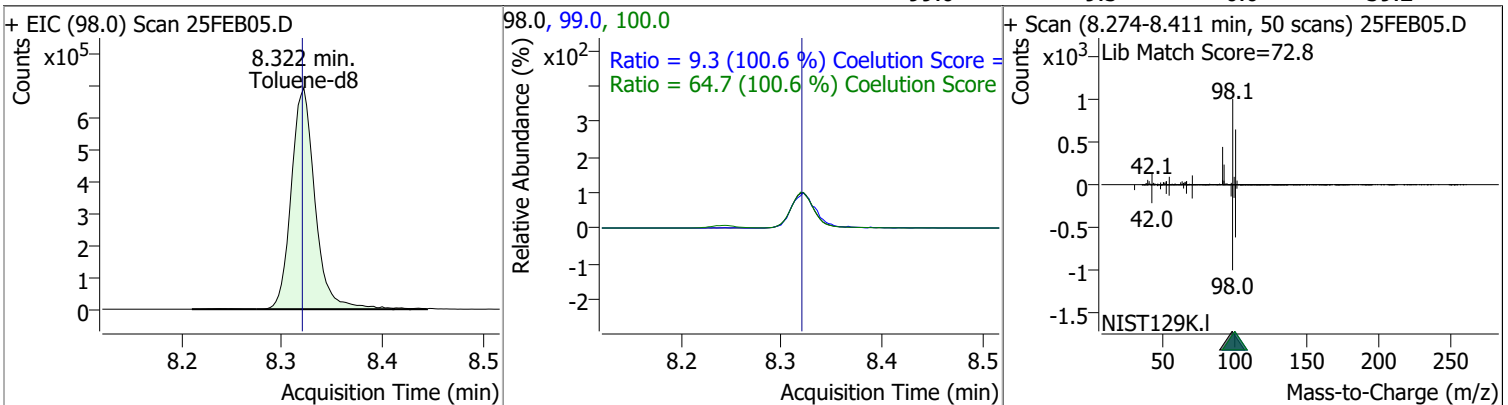
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 122.3050 | 7.58 | 0.00 | 162460 | 85.0 | 65.4 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.7 | 0.0 | 39.5 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 113.6344 | 8.06 | 0.00 | 165634 | 39.0 | 54.4 | 22.5 | 82.5 |
| | | | | | 77.0 | 31.8 | 1.8 | 61.8 |

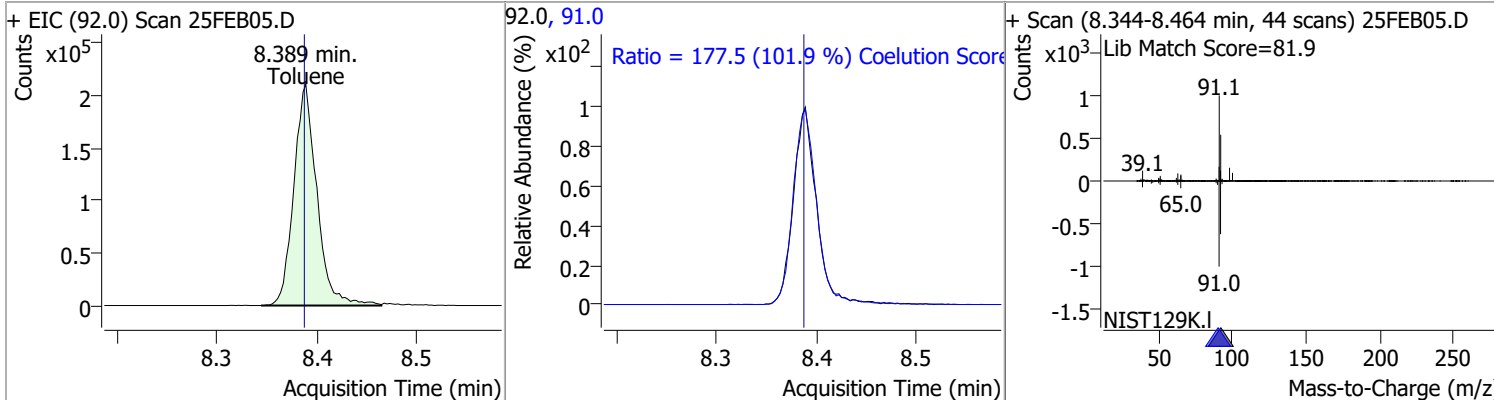


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 273.0165 | 8.32 | 0.00 | 1134063 | 100.0 | 64.7 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.3 | 0.0 | 39.2 |

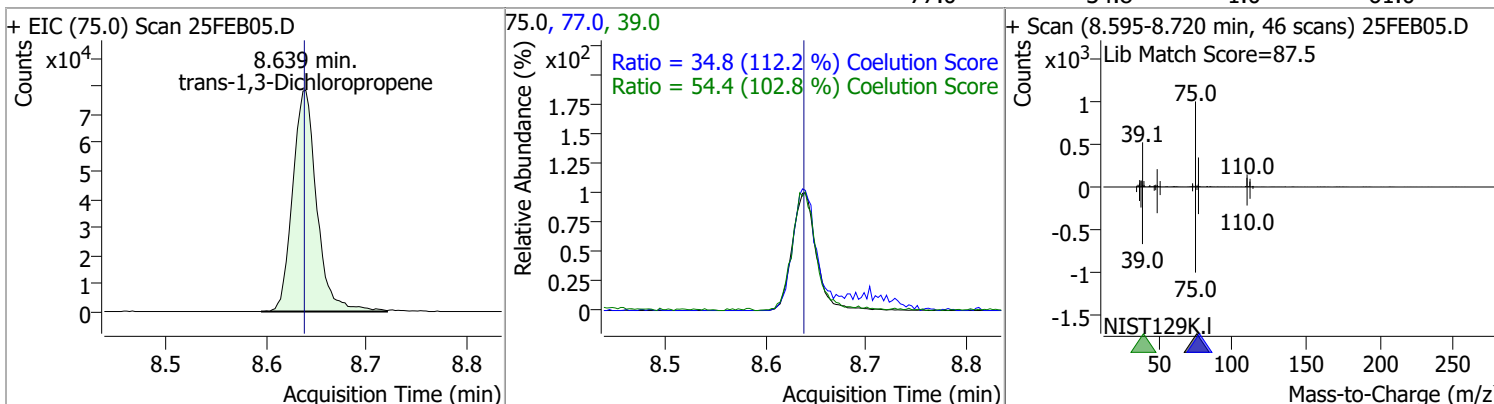


Quantitation Results Report (QT Reviewed)

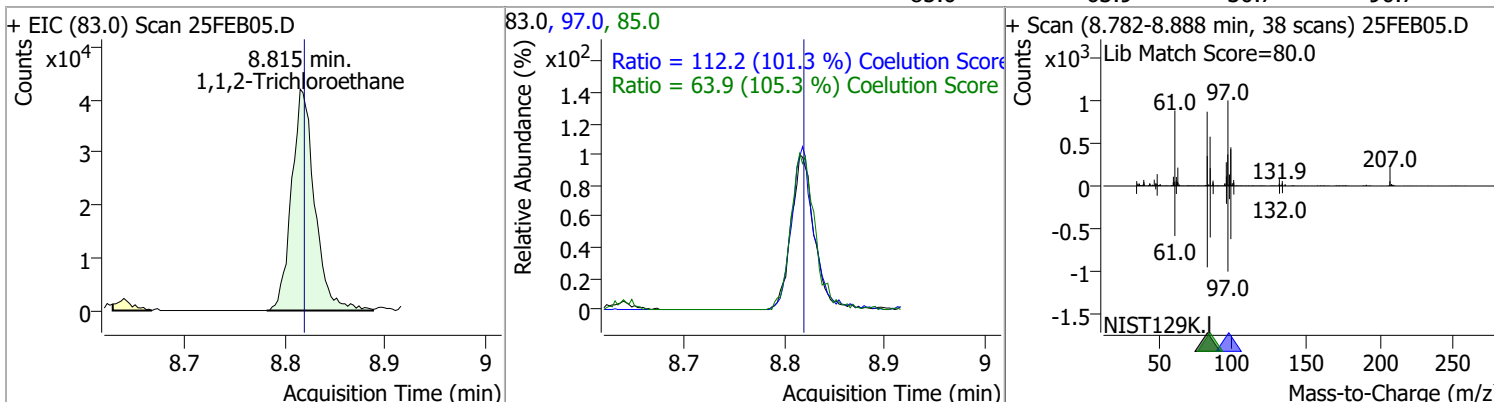
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Toluene | 121.2586 | 8.39 | 0.00 | 335738 | 91.0 | 177.5 | 144.1 | 204.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,3-Dichloropropene | 123.7400 | 8.64 | 0.00 | 131562 | 39.0 | 54.4 | 23.0 | 83.0 |
| | | | | | 77.0 | 34.8 | 1.0 | 61.0 |

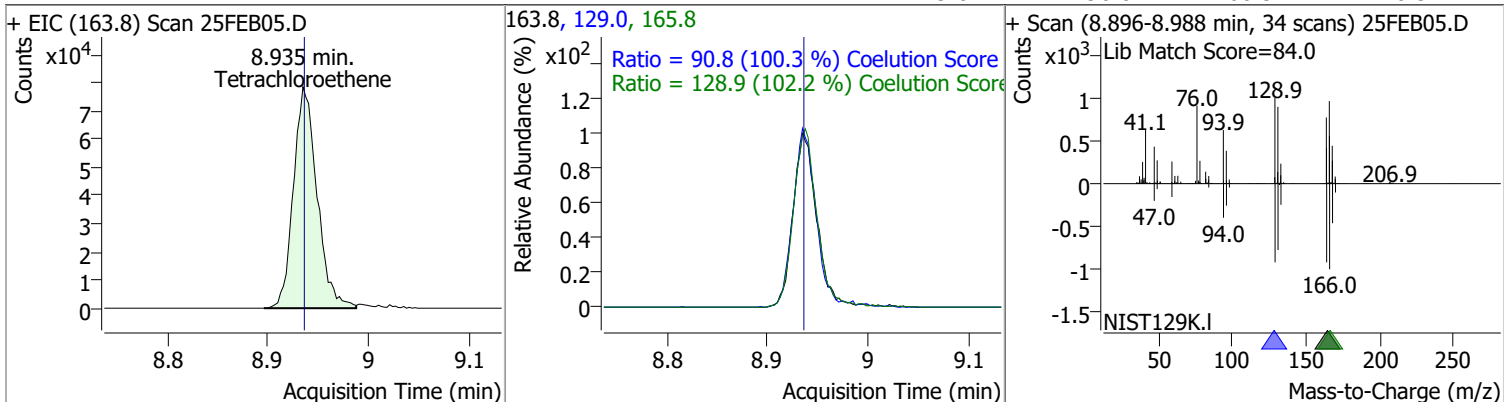


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|-------|------|--------|-------|-------|
| 1,1,2-Trichloroethane | 124.0373 | 8.82 | 0.00 | 67058 | 97.0 | 112.2 | 80.7 | 140.7 |
| | | | | | 85.0 | 63.9 | 30.7 | 90.7 |

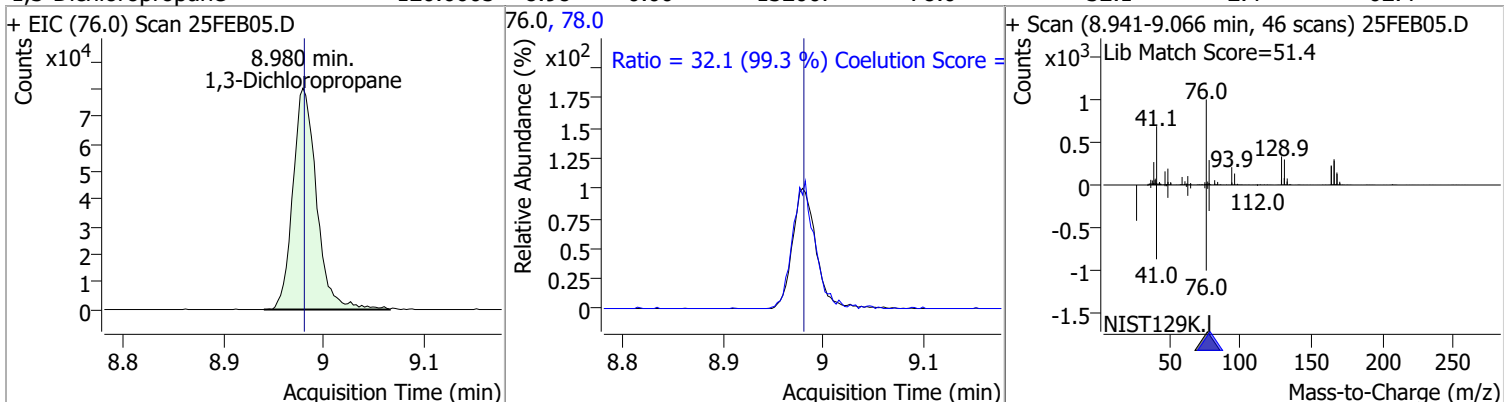


Quantitation Results Report (QT Reviewed)

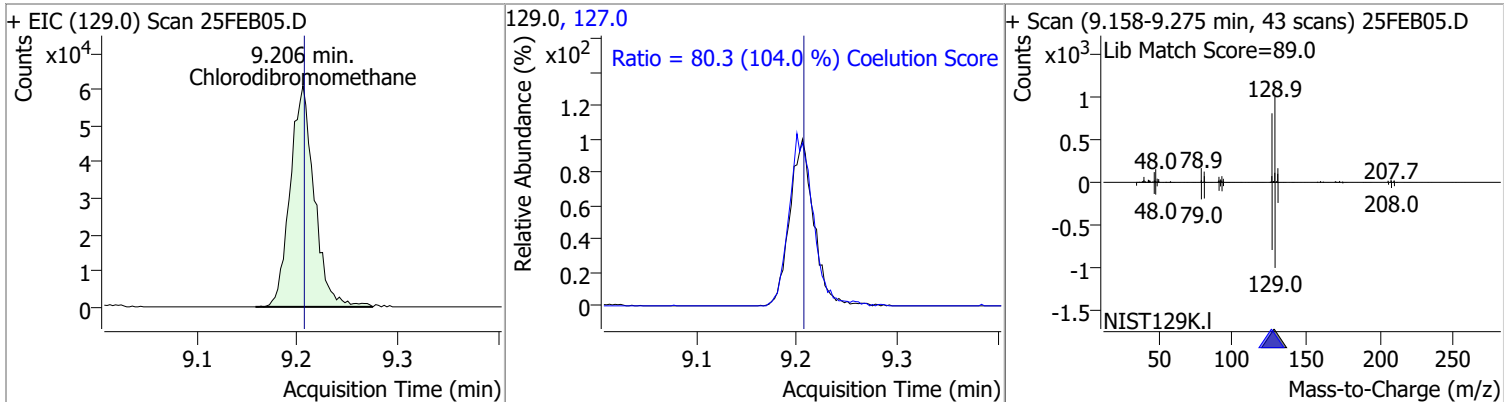
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 114.3733 | 8.94 | 0.00 | 128413 | 165.8 | 128.9 | 96.1 | 156.1 |
| | | | | | 129.0 | 90.8 | 60.5 | 120.5 |



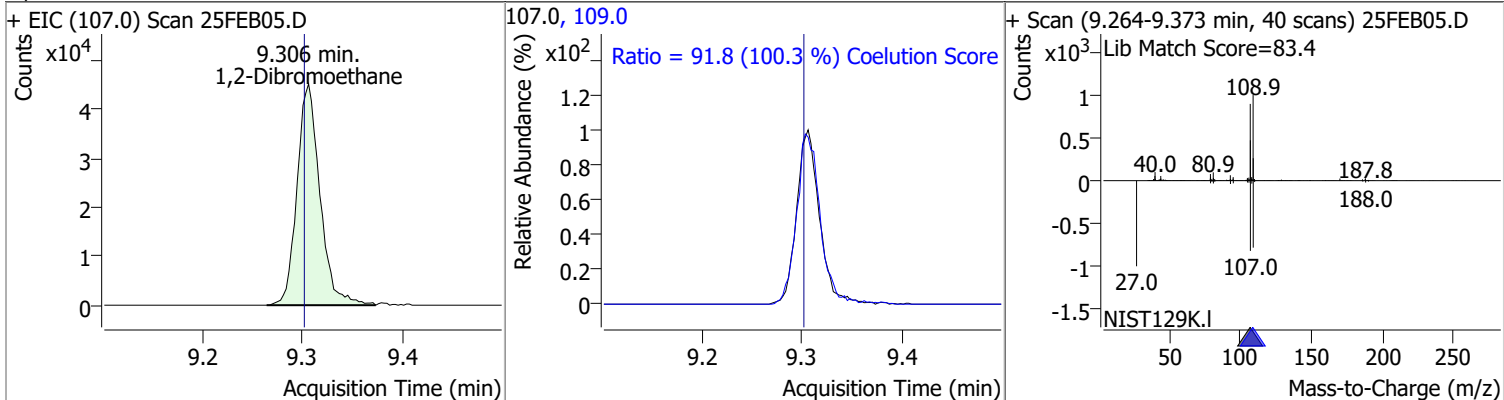
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 120.6605 | 8.98 | 0.00 | 132007 | 78.0 | 32.1 | 2.4 | 62.4 |



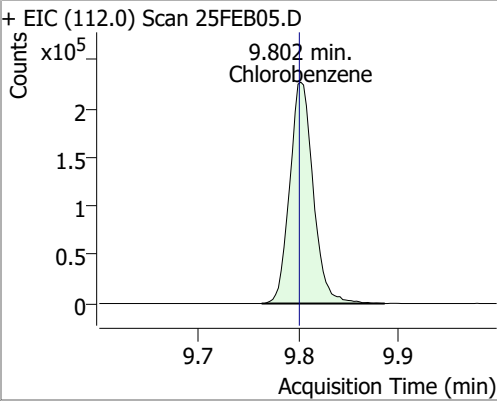
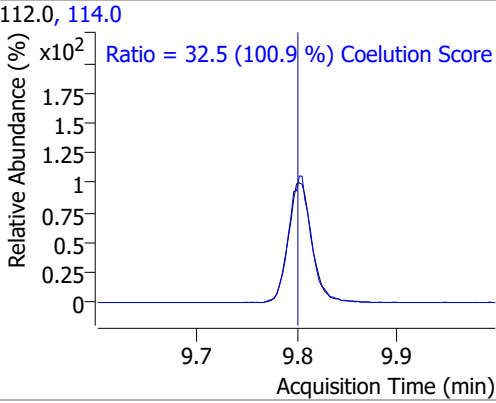
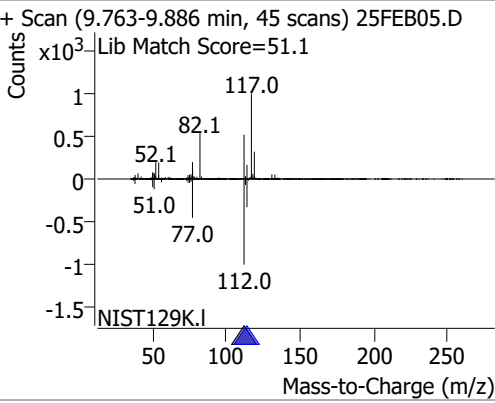
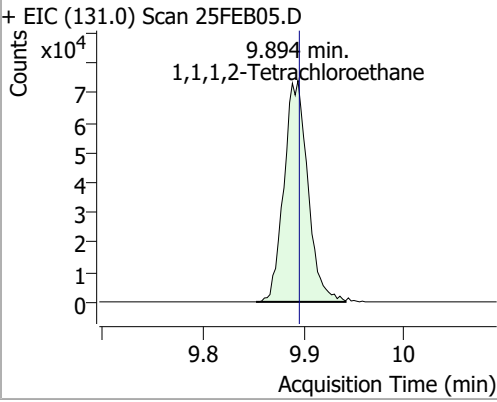
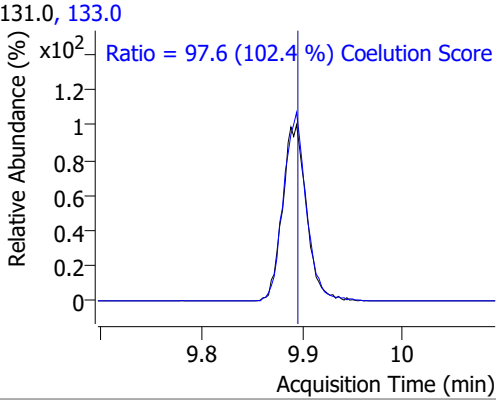
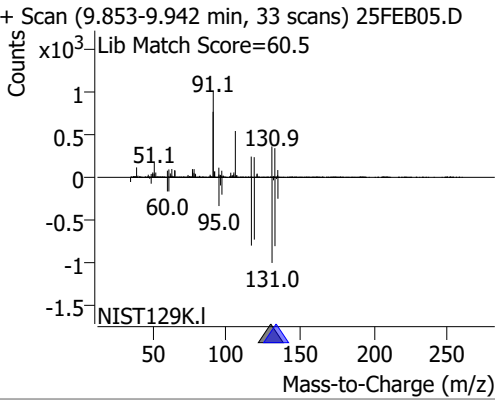
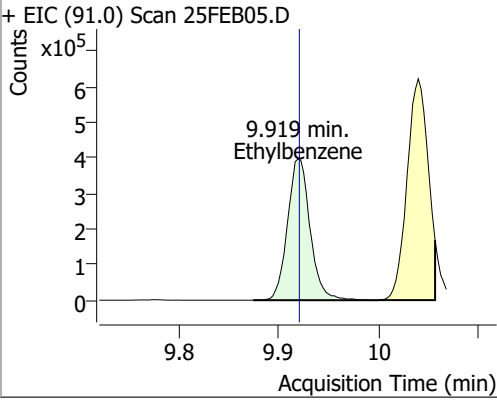
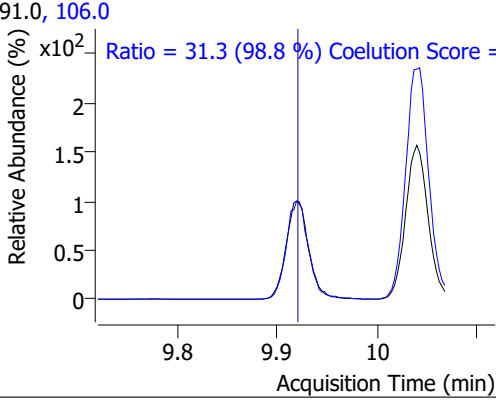
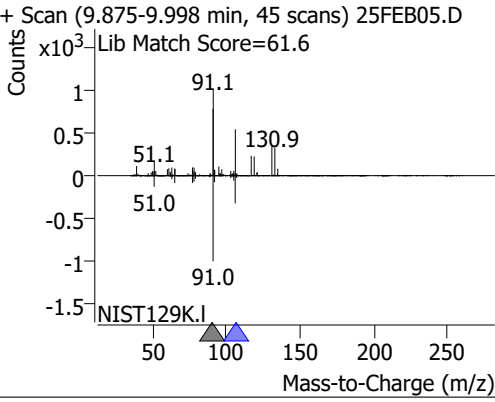
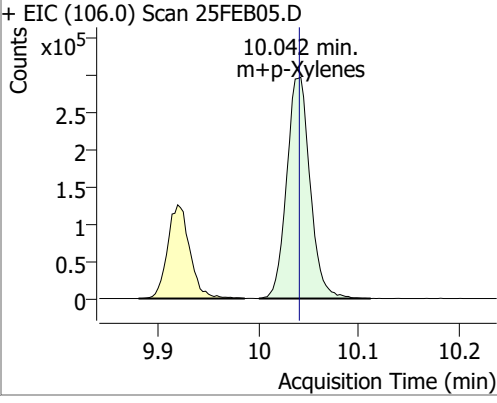
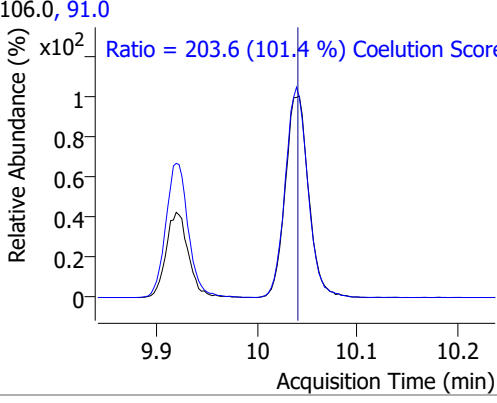
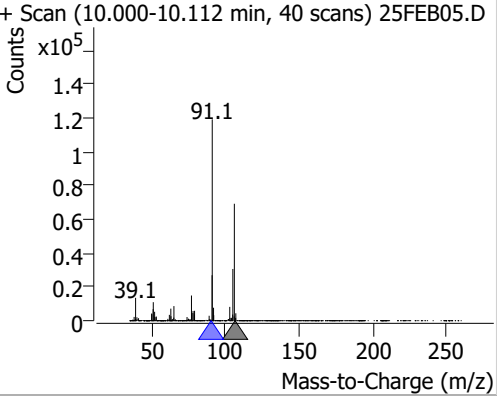
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 117.2289 | 9.21 | 0.00 | 102070 | 127.0 | 80.3 | 47.2 | 107.2 |



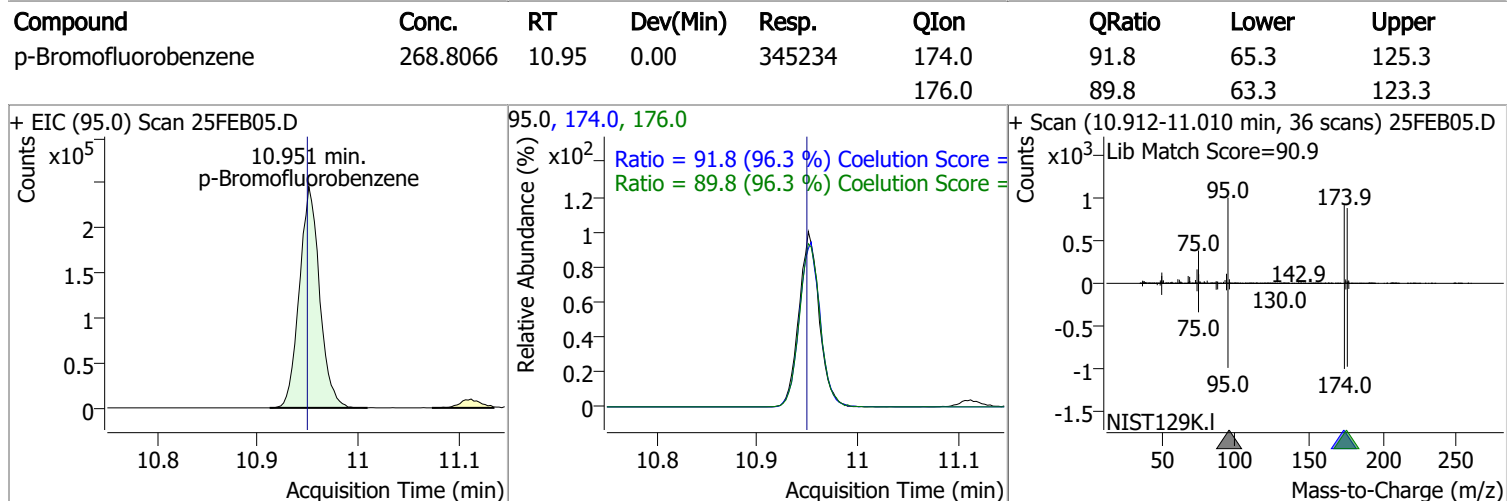
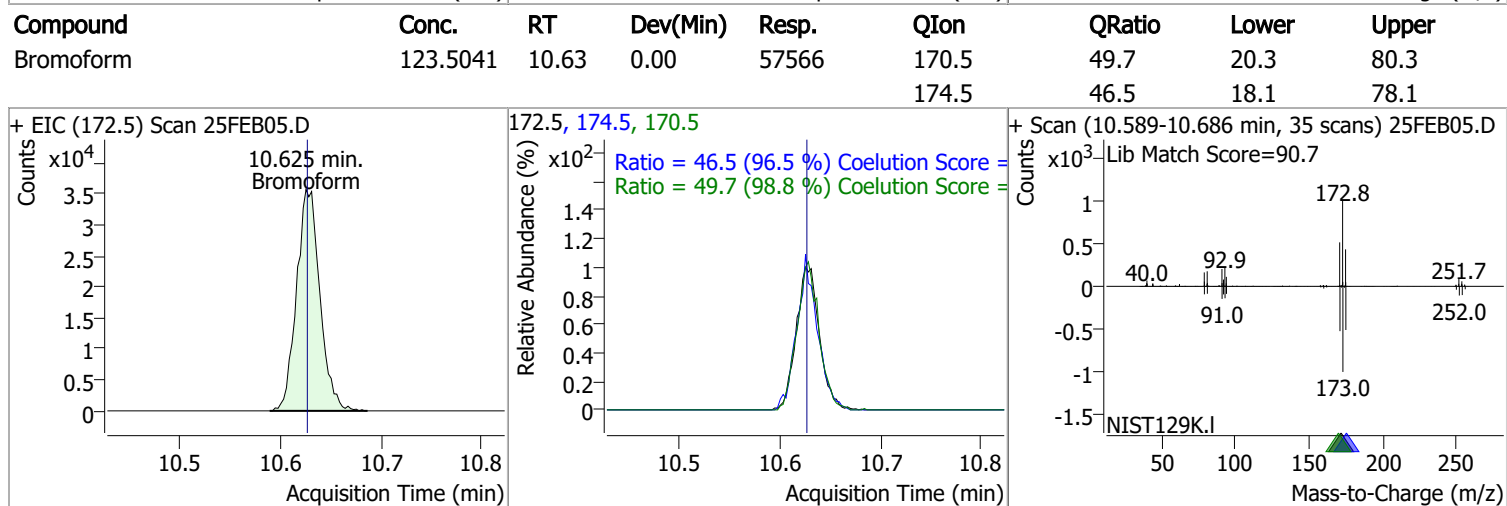
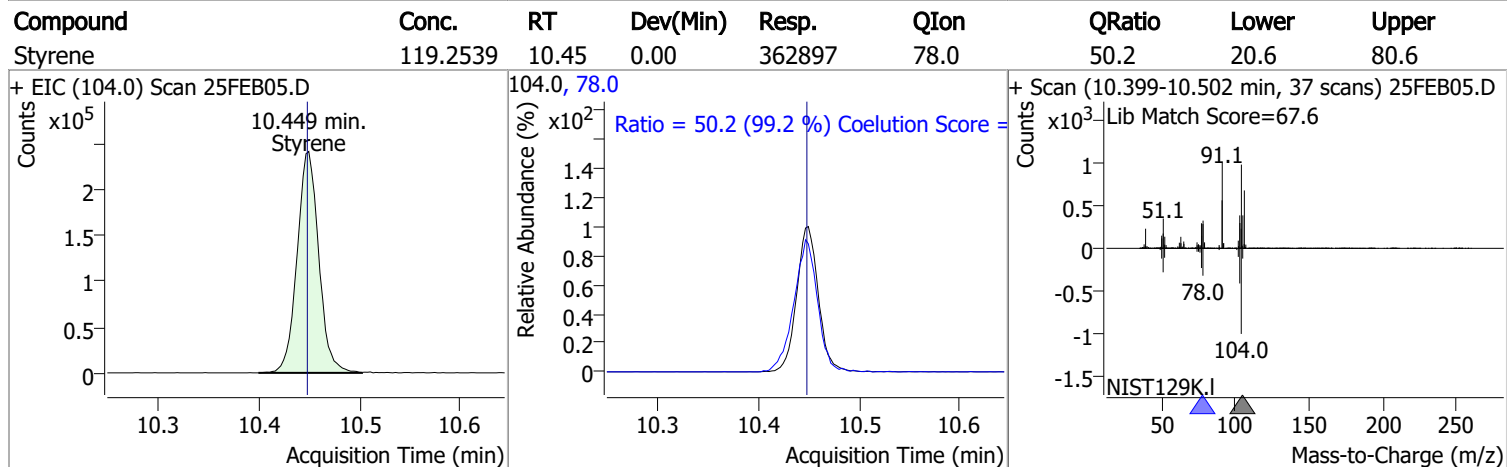
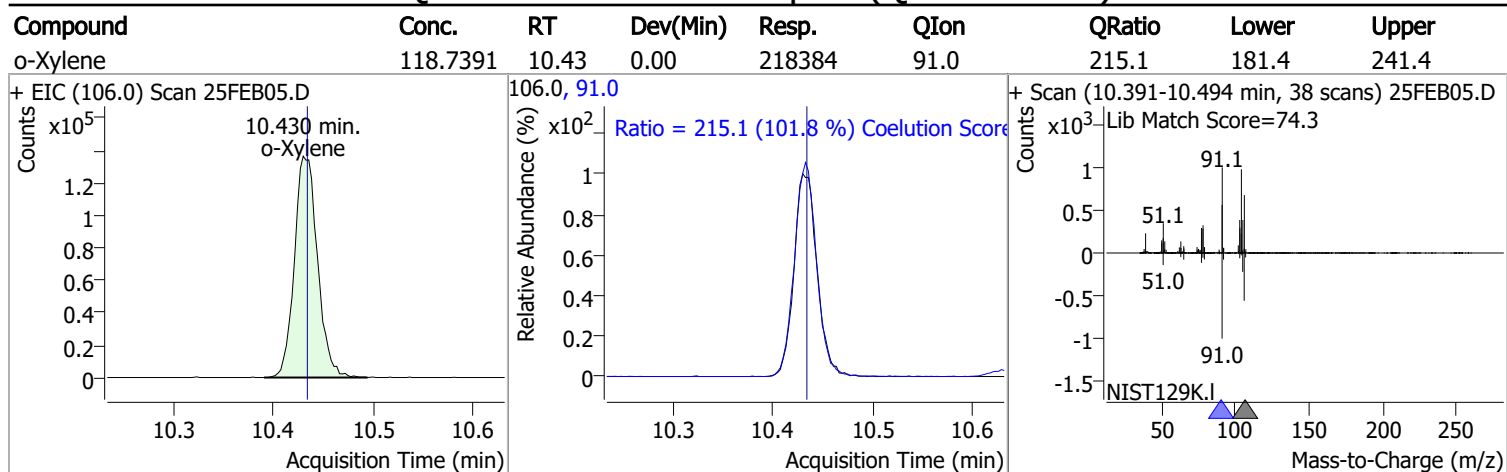
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 120.1690 | 9.31 | 0.01 | 71753 | 109.0 | 91.8 | 61.5 | 121.5 |



Quantitation Results Report (QT Reviewed)

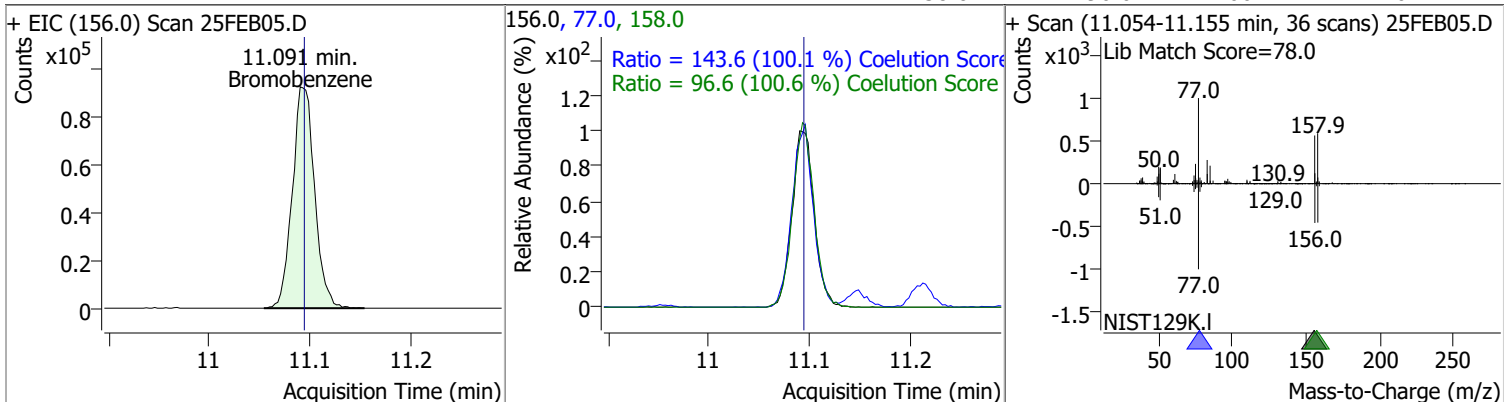
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|-------|---|--------|-------|--|-------|-------|
| Chlorobenzene | 121.9293 | 9.80 | 0.00 | 370085 | 114.0 | 32.5 | 2.2 | 62.2 |
| + EIC (112.0) Scan 25FEB05.D | | | 112.0, 114.0 | | | + Scan (9.763-9.886 min, 45 scans) 25FEB05.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 32.5 (100.9 %) Coelution Score | | |
| 1,1,1,2-Tetrachloroethane | 115.2286 | 9.89 | 0.00 | 122714 | 133.0 | 97.6 | 65.3 | 125.3 |
| + EIC (131.0) Scan 25FEB05.D | | | 131.0, 133.0 | | | + Scan (9.853-9.942 min, 33 scans) 25FEB05.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 97.6 (102.4 %) Coelution Score | | |
| Ethylbenzene | 117.5284 | 9.92 | 0.00 | 620248 | 106.0 | 31.3 | 1.7 | 61.7 |
| + EIC (91.0) Scan 25FEB05.D | | | 91.0, 106.0 | | | + Scan (9.875-9.998 min, 45 scans) 25FEB05.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 31.3 (98.8 %) Coelution Score | | |
| m+p-Xylenes | 228.8523 | 10.04 | 0.00 | 480893 | 91.0 | 203.6 | 170.7 | 230.7 |
| + EIC (106.0) Scan 25FEB05.D | | | 106.0, 91.0 | | | + Scan (10.000-10.112 min, 40 scans) 25FEB05.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 203.6 (101.4 %) Coelution Score | | |

Quantitation Results Report (QT Reviewed)

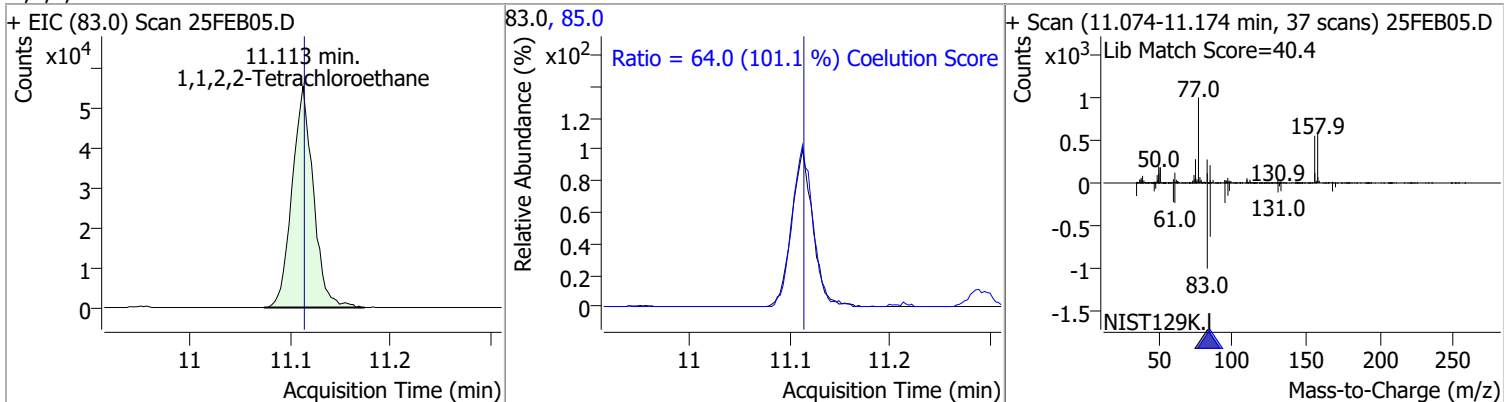


Quantitation Results Report (QT Reviewed)

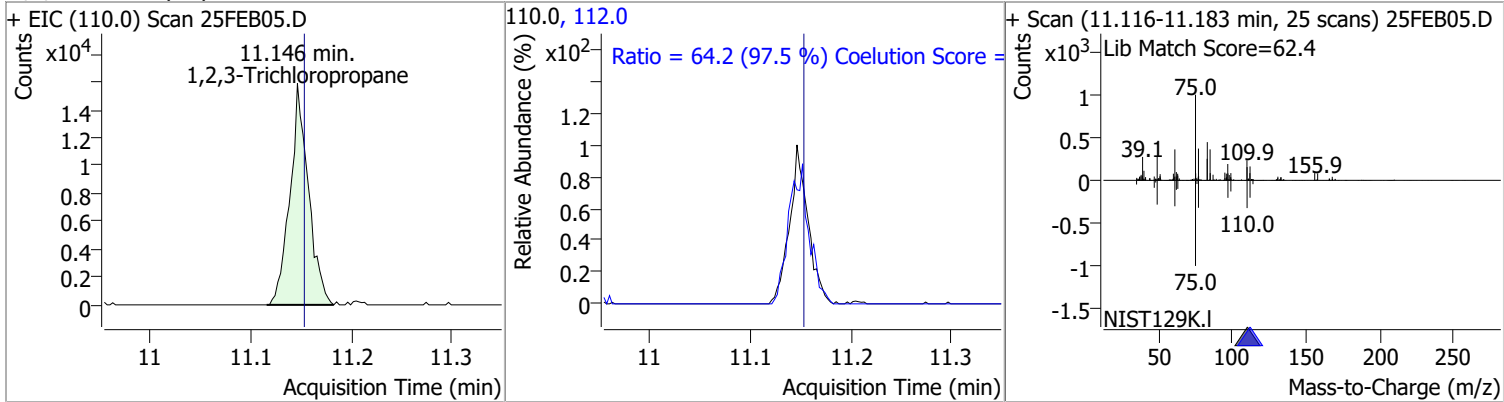
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 125.4718 | 11.09 | 0.00 | 142109 | 77.0 | 143.6 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.6 | 66.1 | 126.1 |



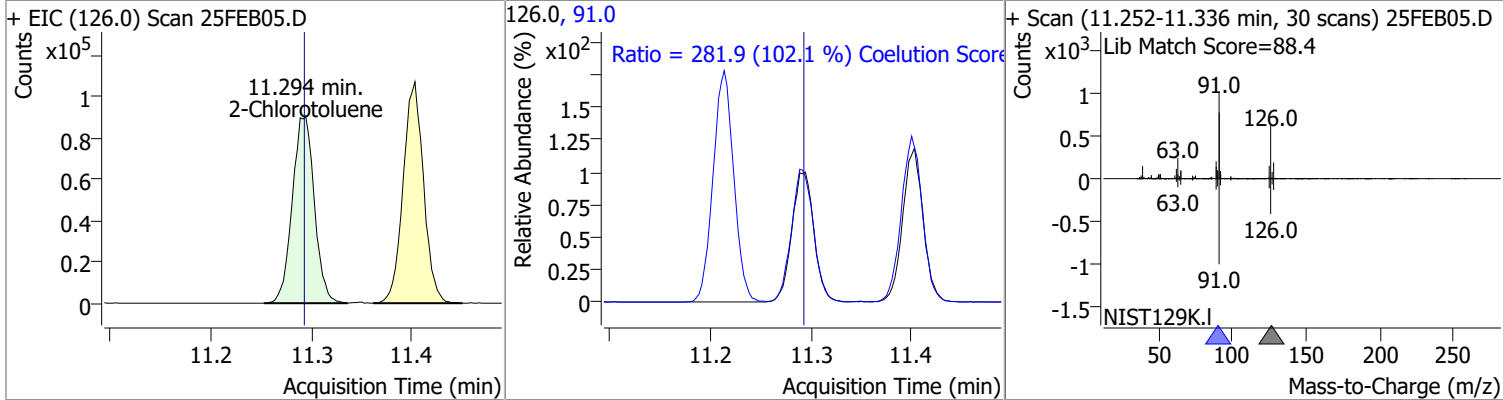
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 125.7527 | 11.11 | 0.00 | 81239 | 85.0 | 64.0 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 119.7356 | 11.15 | -0.01 | 20323 | 112.0 | 64.2 | 35.8 | 95.8 |

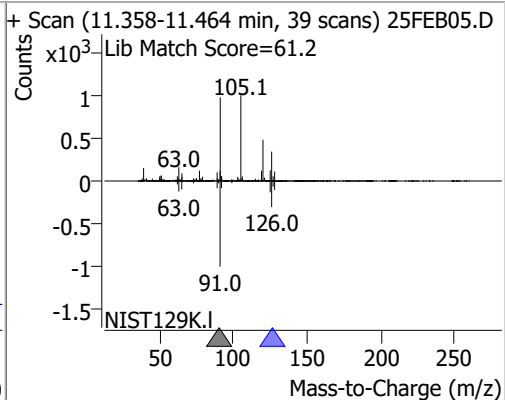
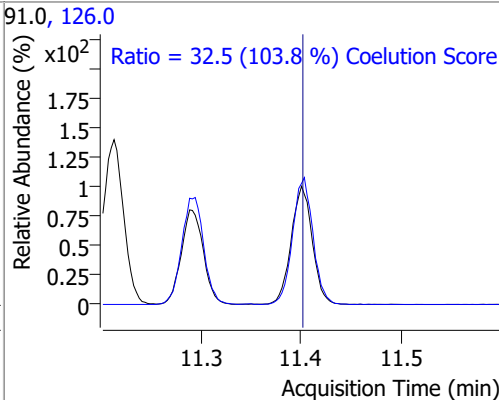
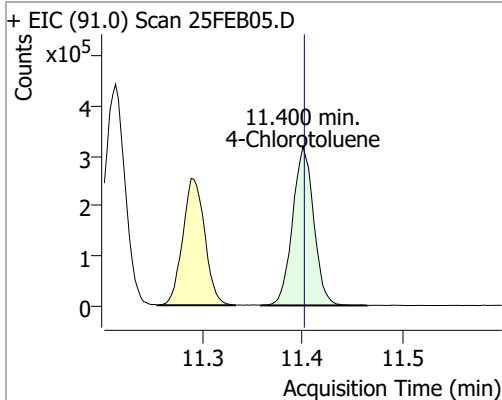


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 123.0387 | 11.29 | 0.00 | 137920 | 91.0 | 281.9 | 246.2 | 306.2 |

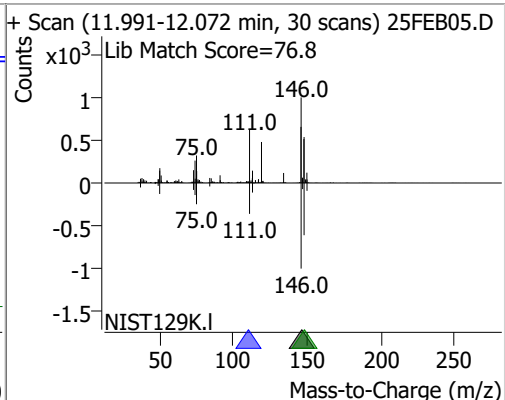
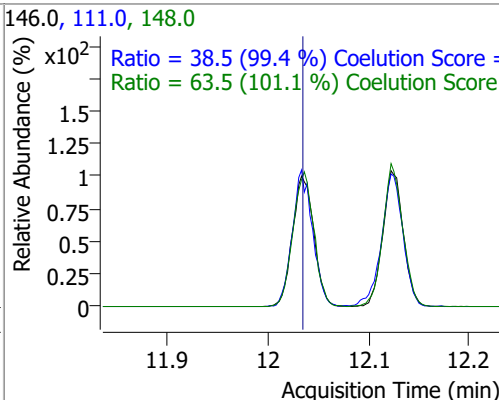
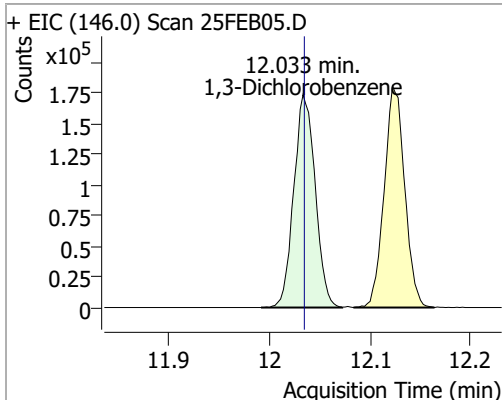


Quantitation Results Report (QT Reviewed)

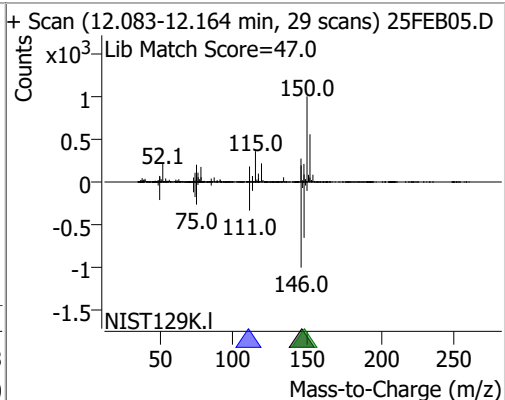
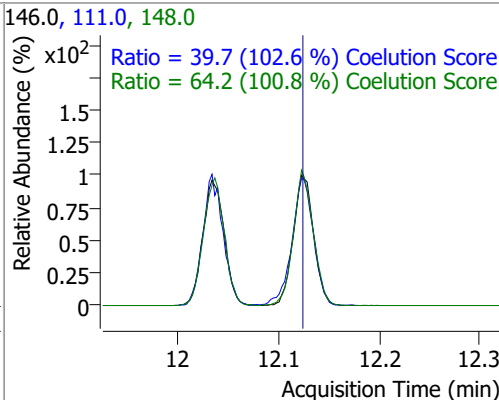
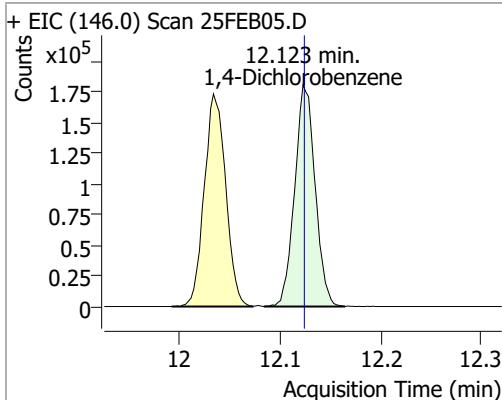
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 128.3604 | 11.40 | 0.00 | 466032 | 126.0 | 32.5 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 125.3757 | 12.03 | 0.00 | 257277 | 148.0 | 63.5 | 32.8 | 92.8 |
| | | | | | 111.0 | 38.5 | 8.7 | 68.7 |

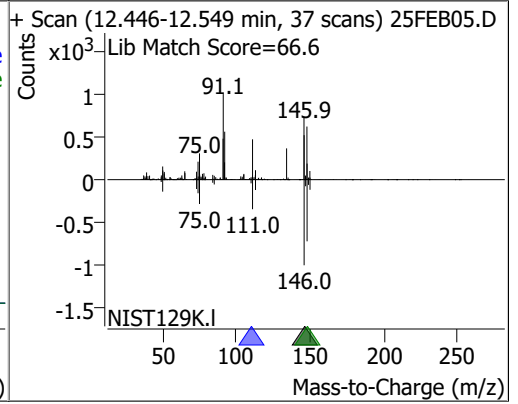
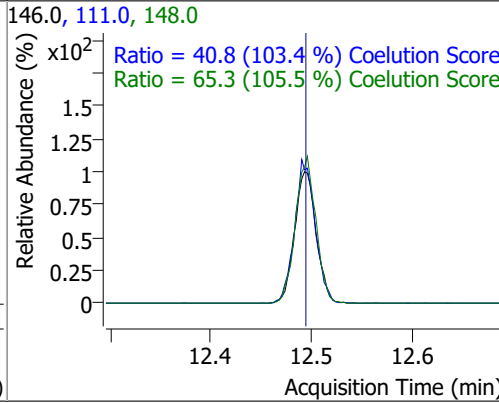
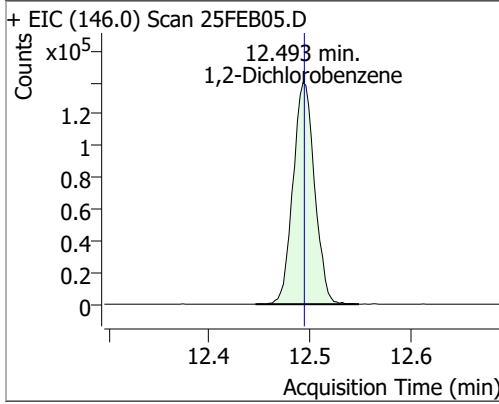


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 122.4813 | 12.12 | 0.00 | 256234 | 148.0 | 64.2 | 33.7 | 93.7 |
| | | | | | 111.0 | 39.7 | 8.7 | 68.7 |



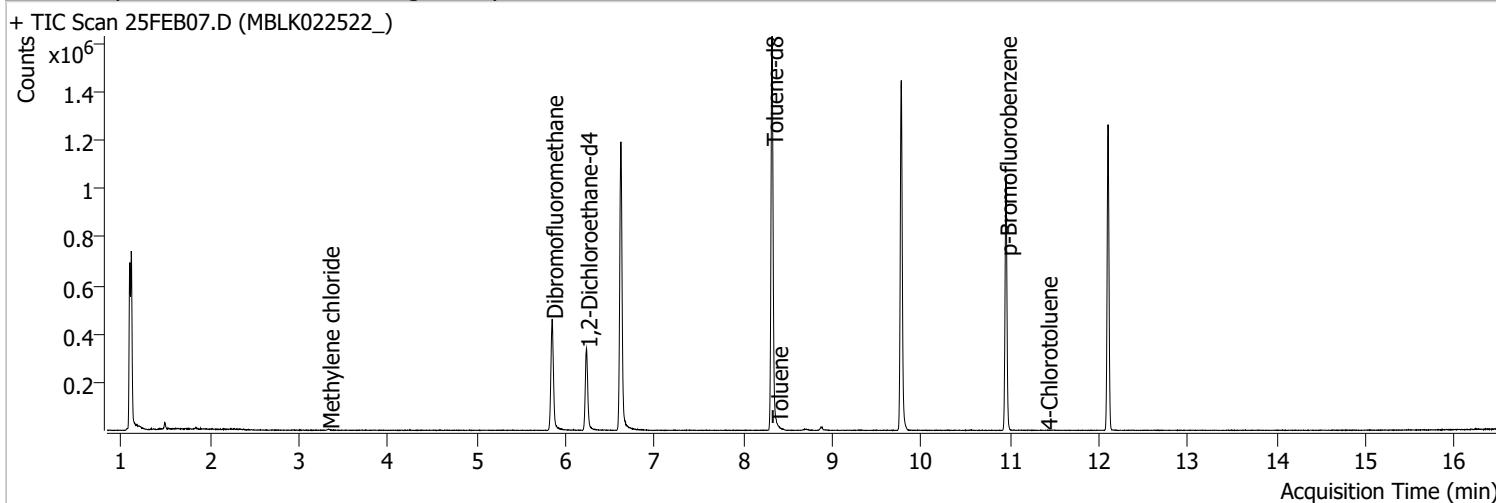
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 121.9179 | 12.49 | 0.00 | 208872 | 148.0 | 65.3 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.8 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB07.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 12:37:21 PM |
| Sample Name | MBLK022522_ | Instrument | VOA5975C |
| Vial | 7 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



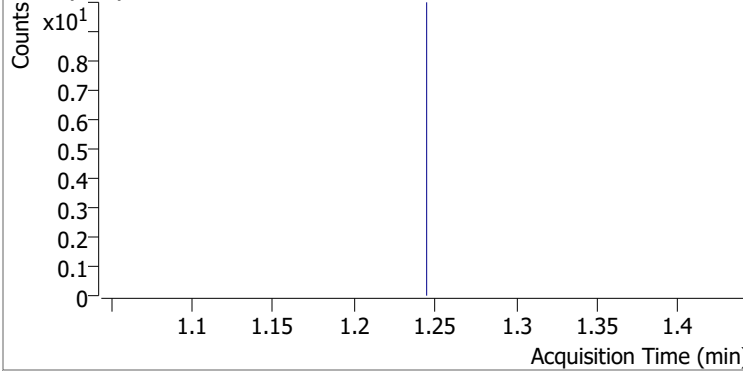
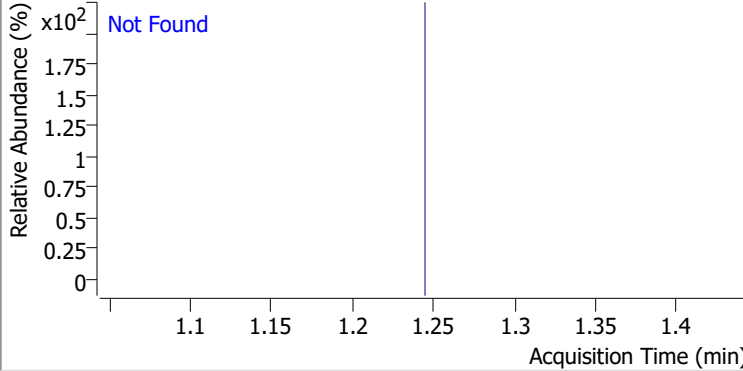
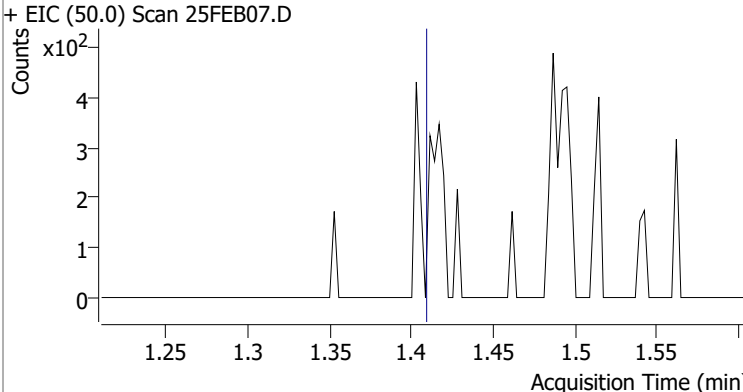
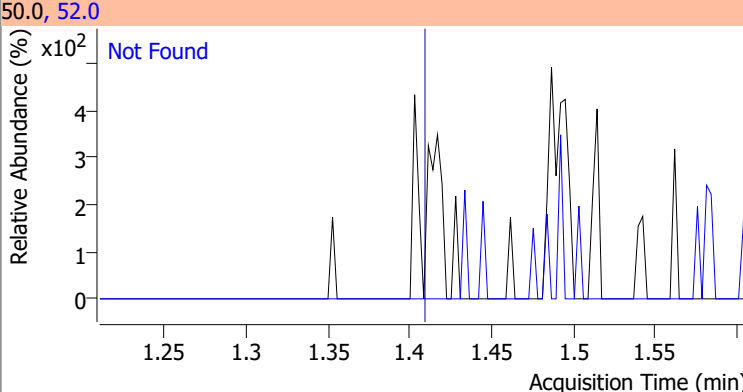
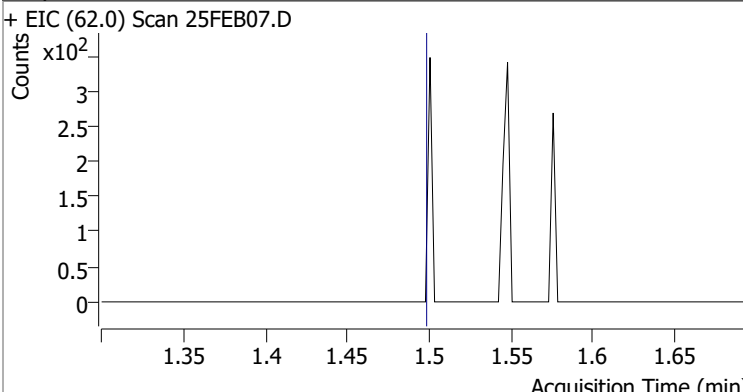
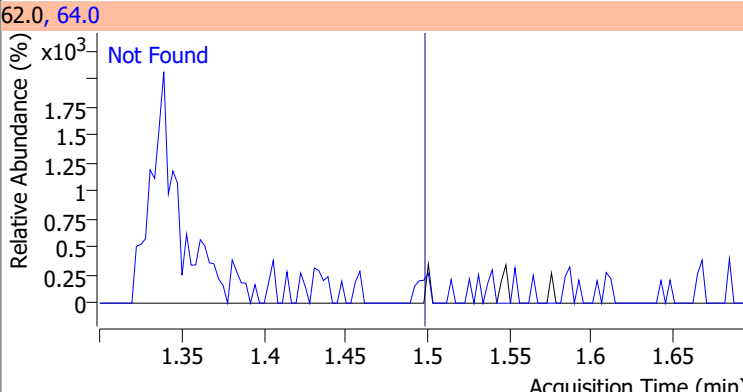
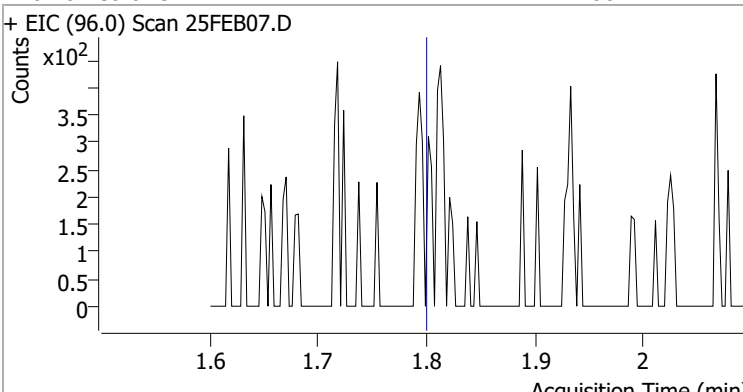
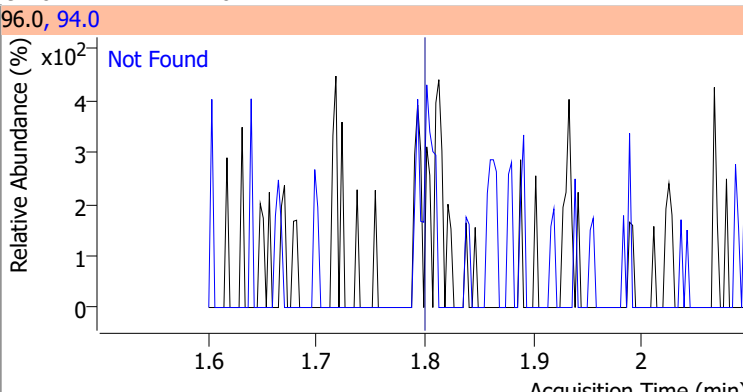
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 1031284 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.775 | 82.0 | 401403 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 298661 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 280465 | 280.7785 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 112.31% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 122879 | 284.7775 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 113.91% | | |
| S Toluene-d8 | 8.322 | 98.0 | 1032038 | 263.5390 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 105.42% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 291810 | 264.6261 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 105.85% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 0.000 | | 0 | N.D. | | |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.333 | 49.0 | 2491 | 1.6526 | ng m | 84 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.650 | 83.0 | 0 | | ng md | 1 |

Quantitation Results Report (QT Reviewed)

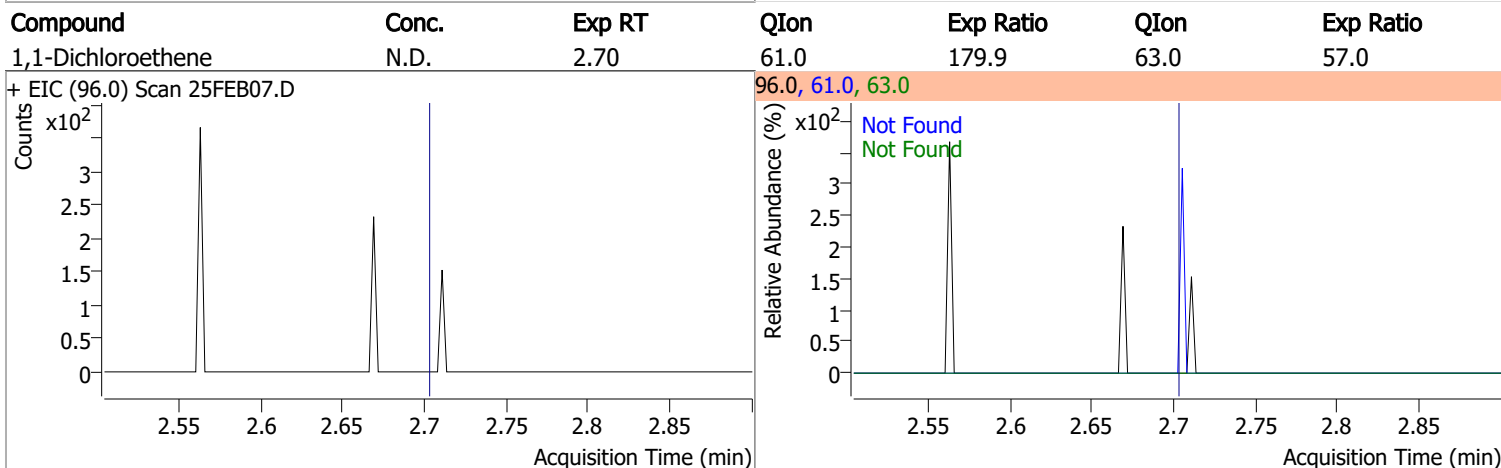
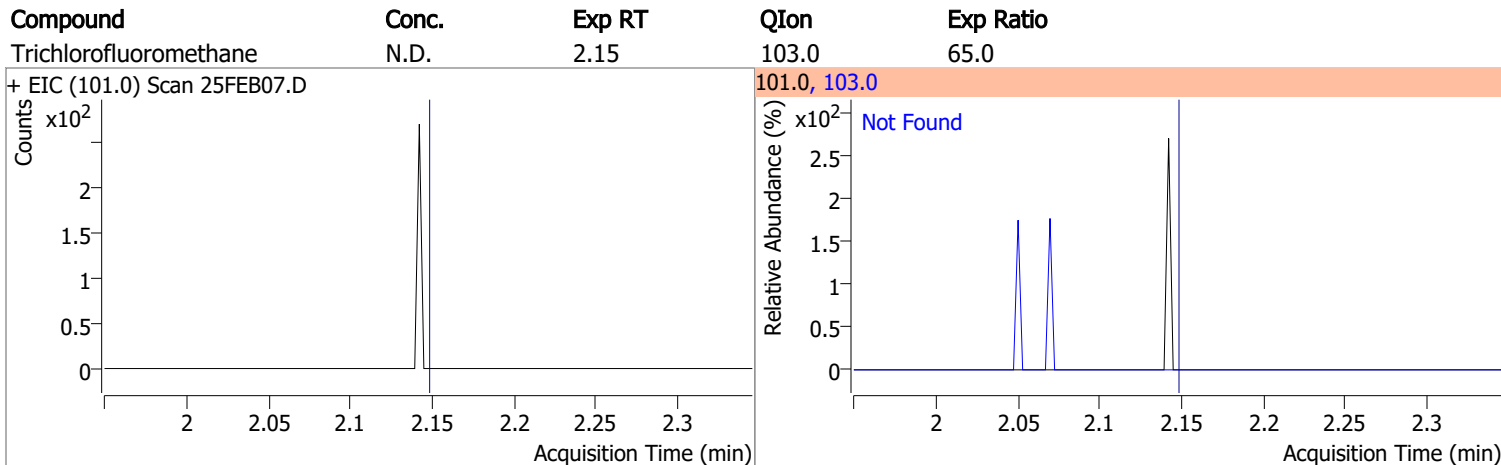
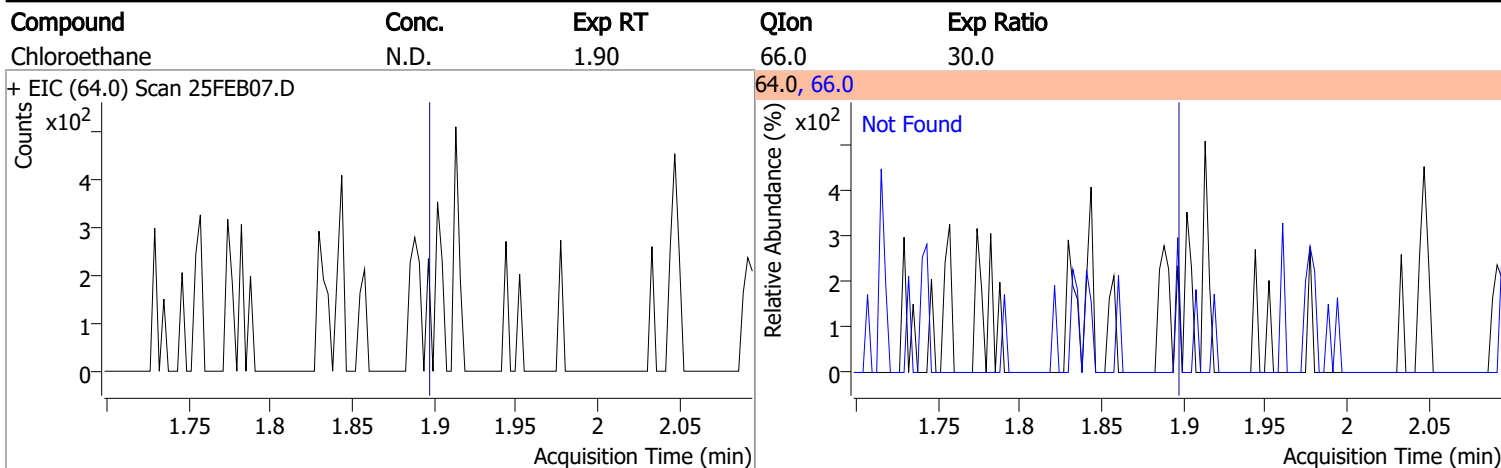
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|------|-------|--------|-------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 8.377 | 92.0 | 153 | 0.0588 | ng m | 96 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | |
| T m+p-Xylenes | 0.000 | | 0 | N.D. | | |
| T o-Xylene | 0.000 | | 0 | N.D. | | |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 0.000 | | 0 | N.D. | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 11.409 | 91.0 | 202 | 0.0648 | ng m | 90 |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

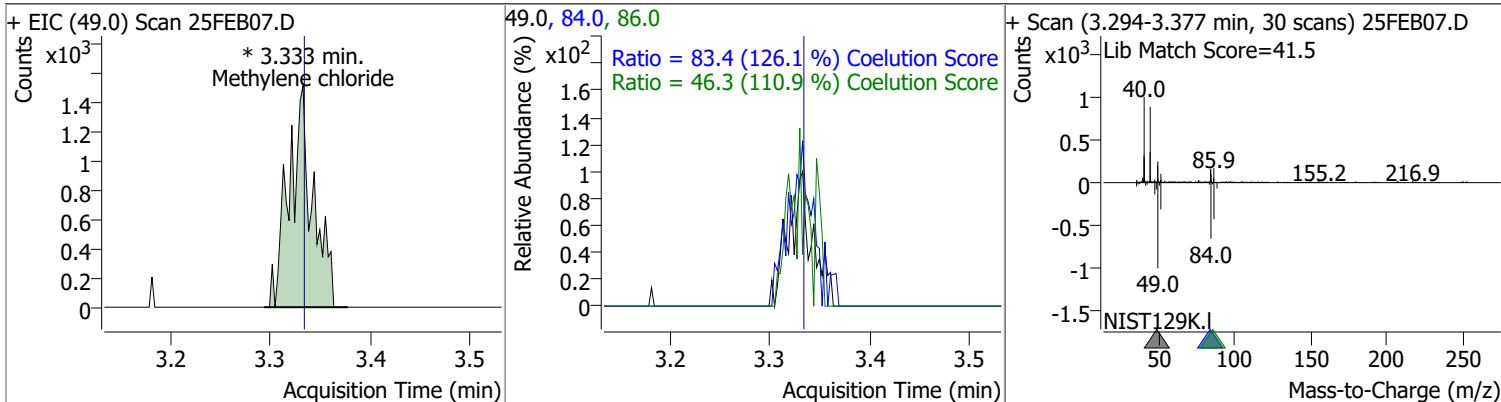
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|---|-----------|
| Dichlorodifluoromethane | N.D. | 1.24 | 87.0 | 31.8 |
| + EIC (85.0) Scan 25FEB07.D ***NO DATA POINTS*** | | | 85.0, 87.0 | |
|  | | |  <p style="color: blue; font-weight: bold;">Not Found</p> | |
| Chloromethane | N.D. | 1.41 | 52.0 | 32.4 |
| + EIC (50.0) Scan 25FEB07.D | | | 50.0, 52.0 | |
|  | | |  <p style="color: blue; font-weight: bold;">Not Found</p> | |
| Vinyl chloride | N.D. | 1.50 | 64.0 | 31.3 |
| + EIC (62.0) Scan 25FEB07.D | | | 62.0, 64.0 | |
|  | | |  <p style="color: blue; font-weight: bold;">Not Found</p> | |
| Bromomethane | N.D. | 1.80 | 94.0 | 110.1 |
| + EIC (96.0) Scan 25FEB07.D | | | 96.0, 94.0 | |
|  | | |  <p style="color: blue; font-weight: bold;">Not Found</p> | |

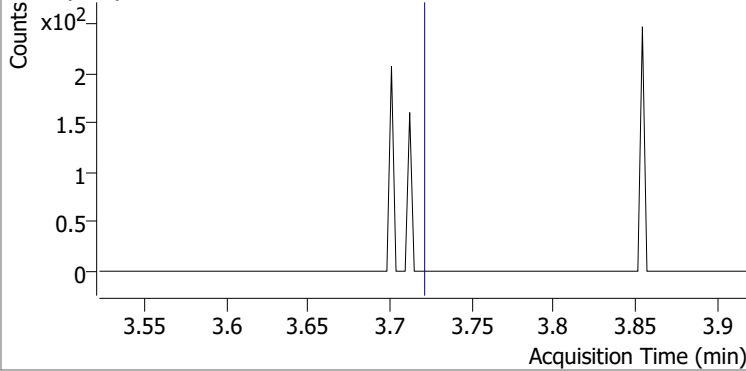
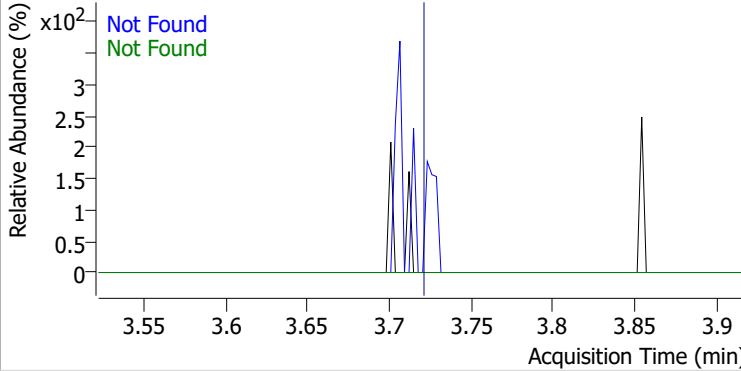
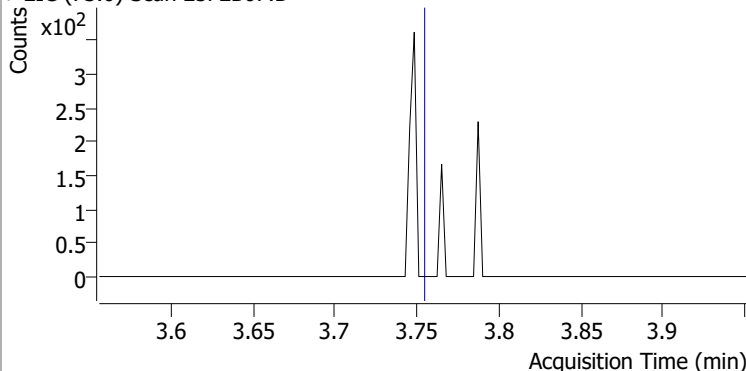
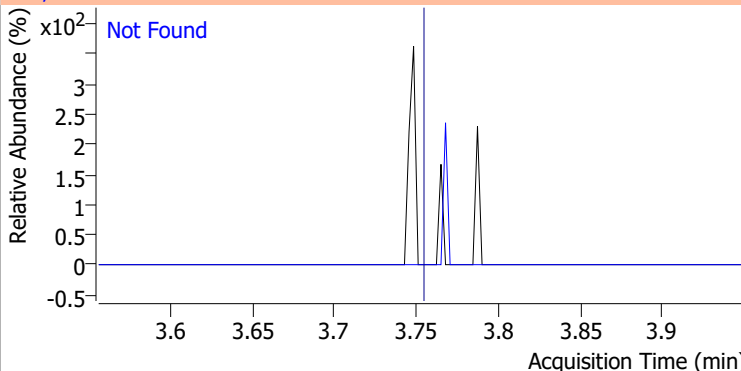
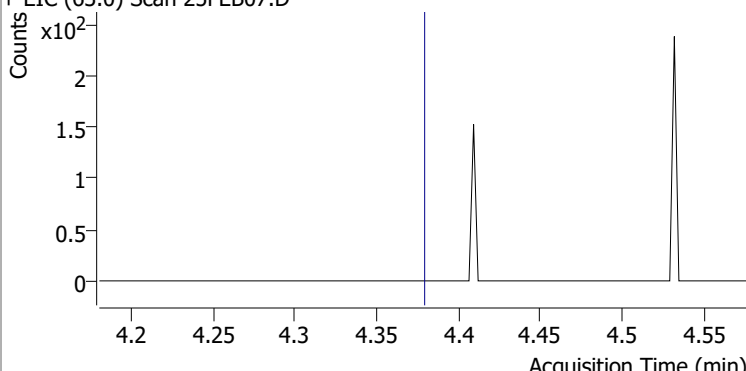
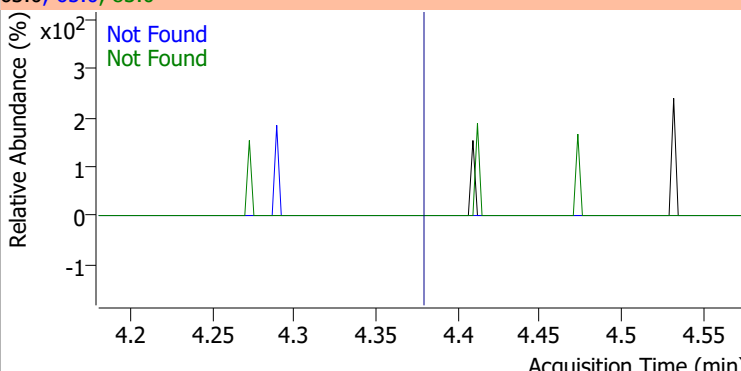
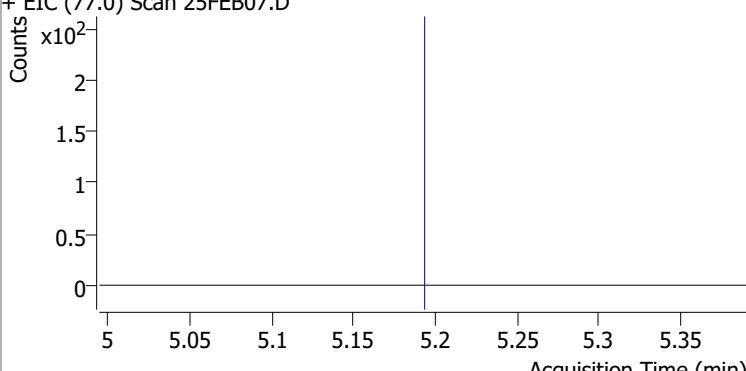
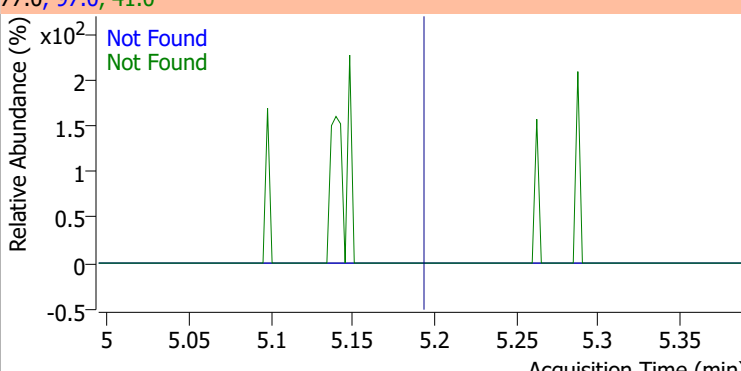
Quantitation Results Report (QT Reviewed)



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 1.6526 | 3.33 | 0.00 | 2491 (m) | 84.0 | 83.4 | 36.1 | 96.1 |
| | | | | | 86.0 | 46.3 | 11.8 | 71.8 |

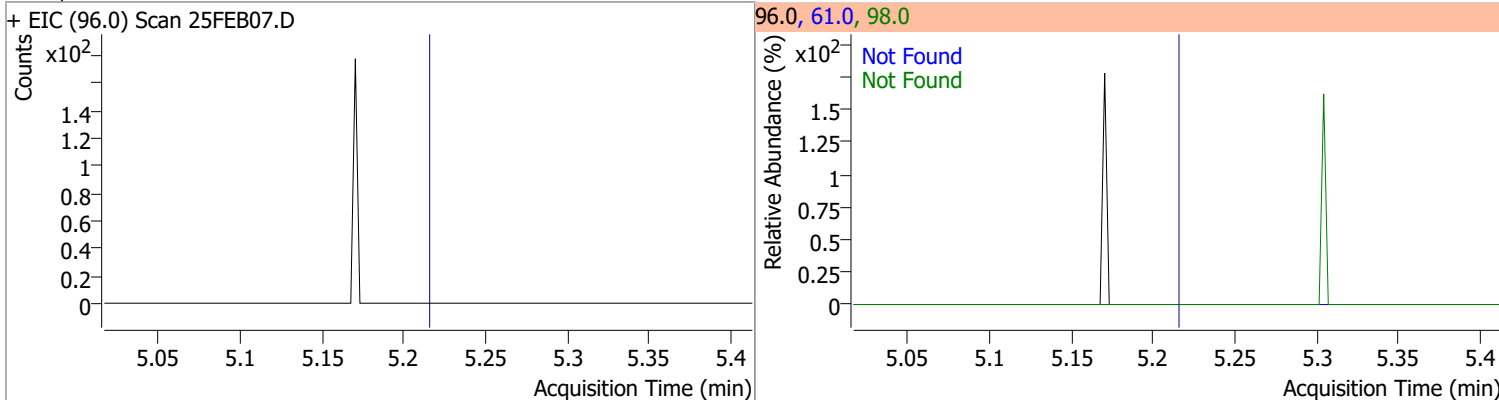


Quantitation Results Report (QT Reviewed)

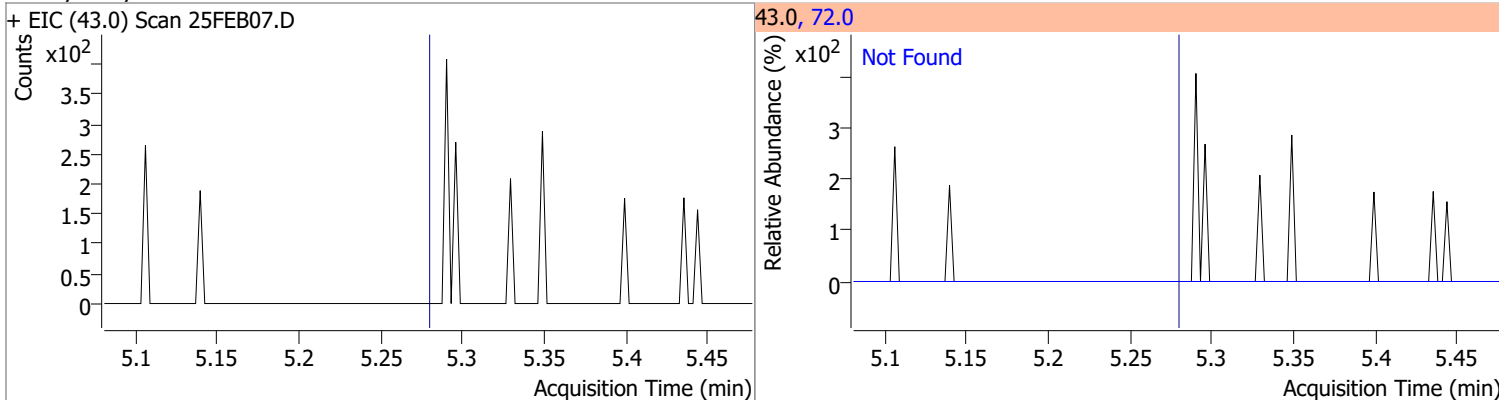
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |
| + EIC (96.0) Scan 25FEB07.D | | | 96.0, 61.0, 98.0 | | | |
|  | | |  | | | |
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 | | |
| + EIC (73.0) Scan 25FEB07.D | | | 73.0, 57.0 | | | |
|  | | |  | | | |
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |
| + EIC (63.0) Scan 25FEB07.D | | | 63.0, 65.0, 83.0 | | | |
|  | | |  | | | |
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |
| + EIC (77.0) Scan 25FEB07.D | | | 77.0, 97.0, 41.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

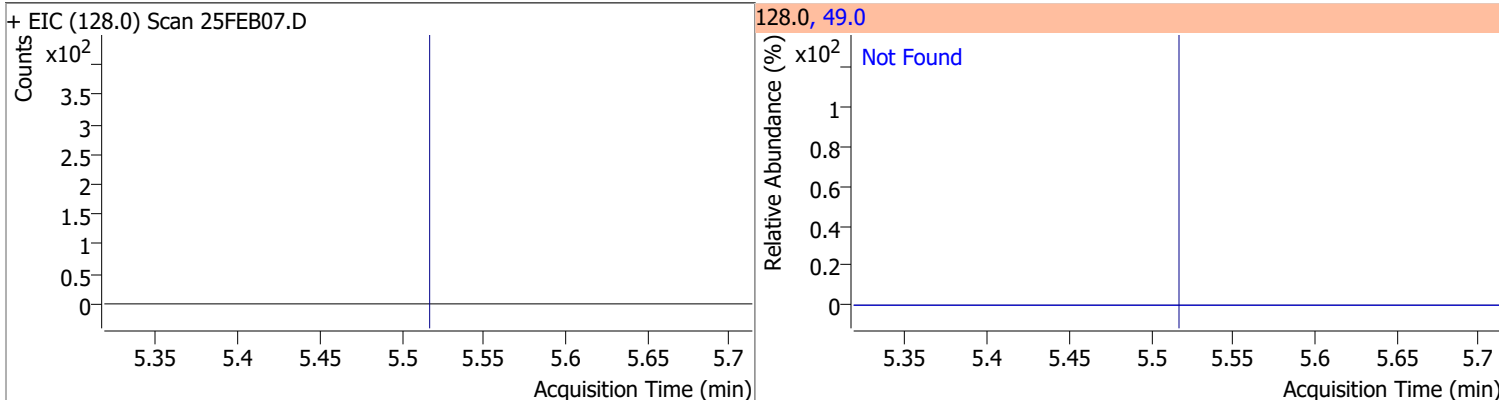
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



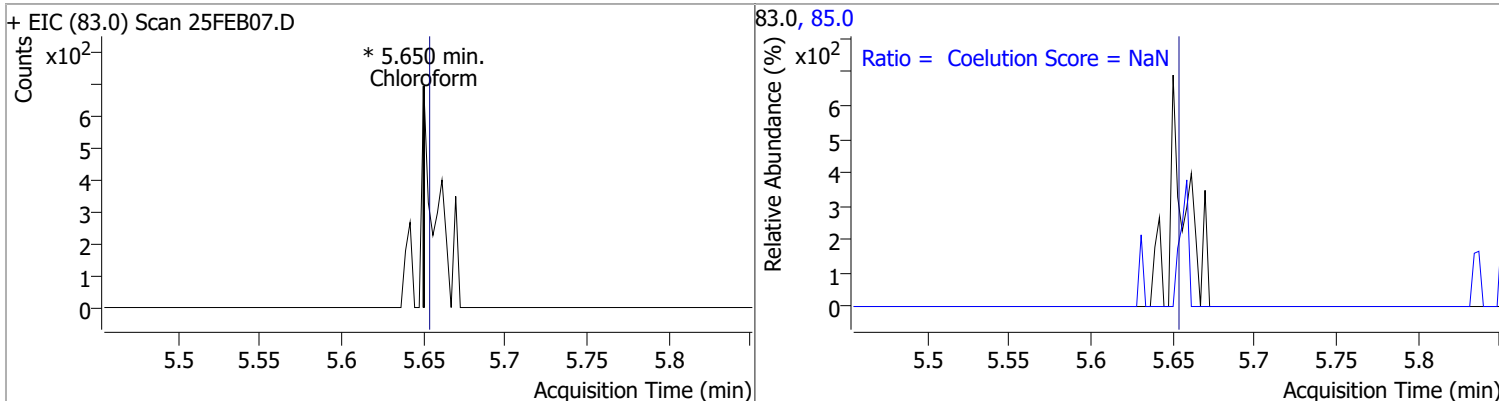
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |

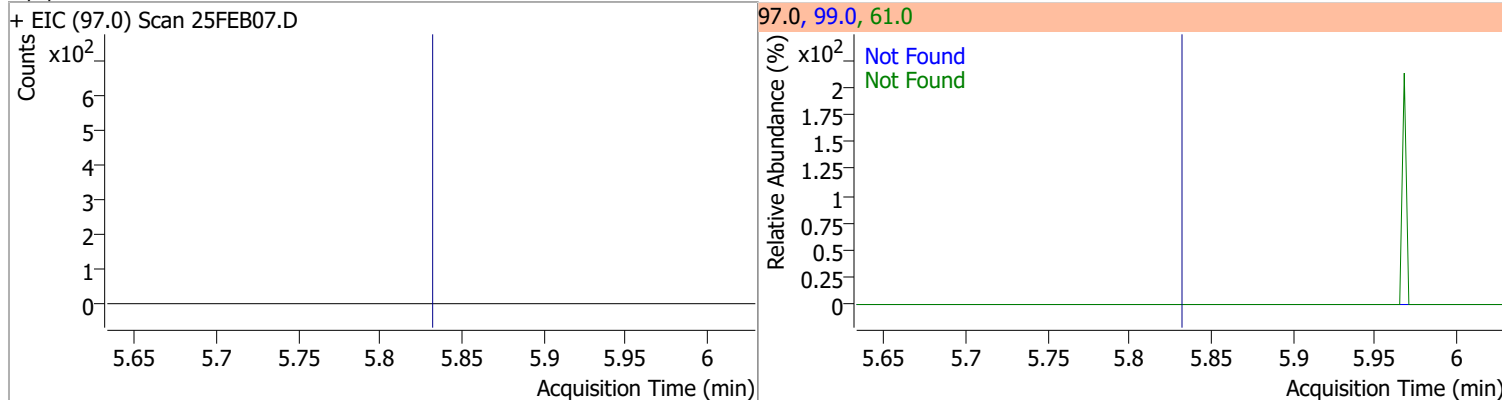


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|-------|----|----------|-------|------|--------|-------|-------|
| Chloroform | | 0 | | 0 | 85.0 | | 36.2 | 96.2 |

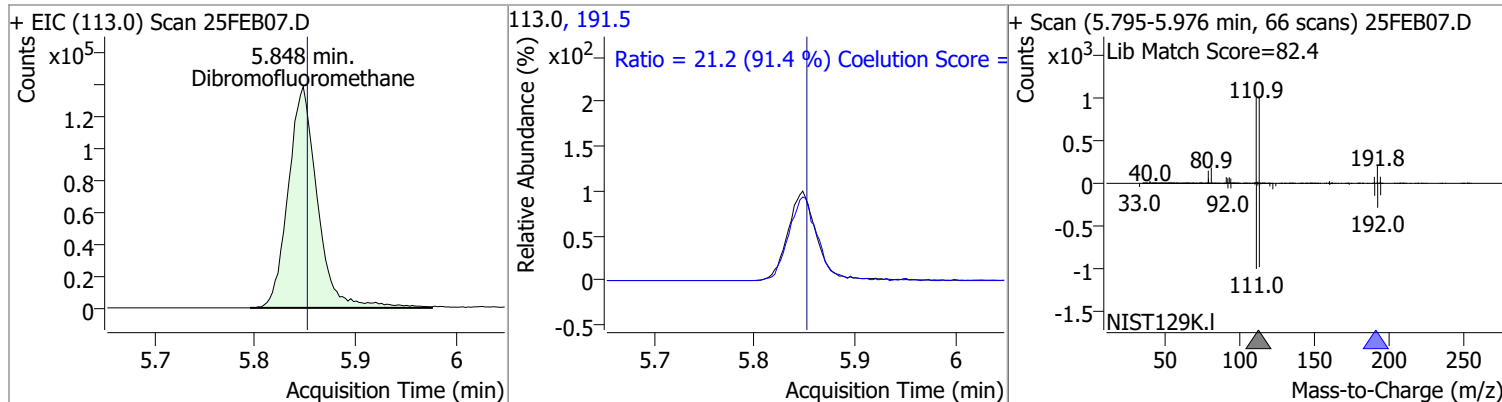


Quantitation Results Report (QT Reviewed)

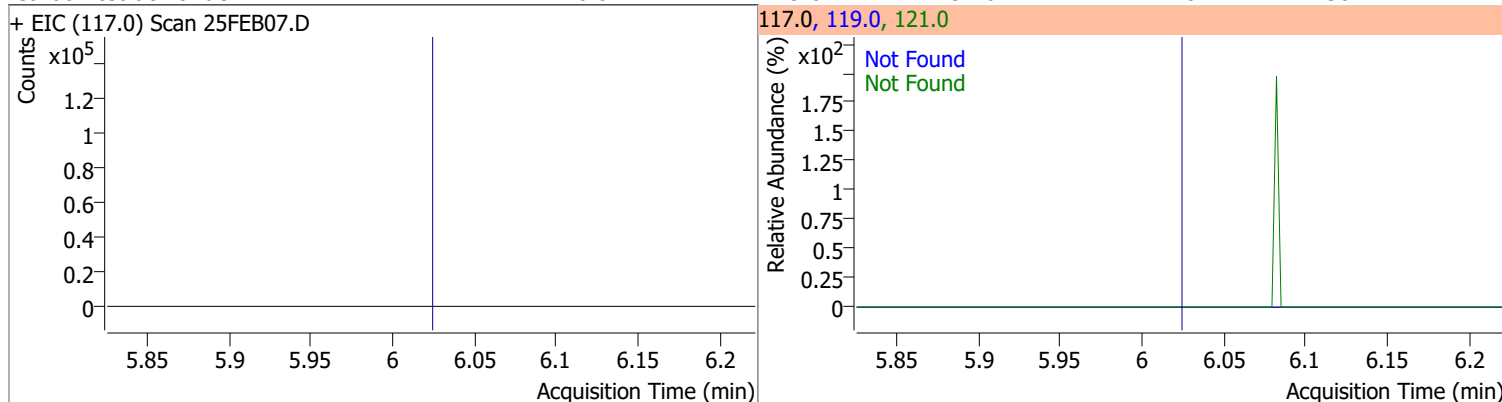
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,1-Trichloroethane | N.D. | 5.83 | 99.0 | 63.1 | 61.0 | 49.1 |



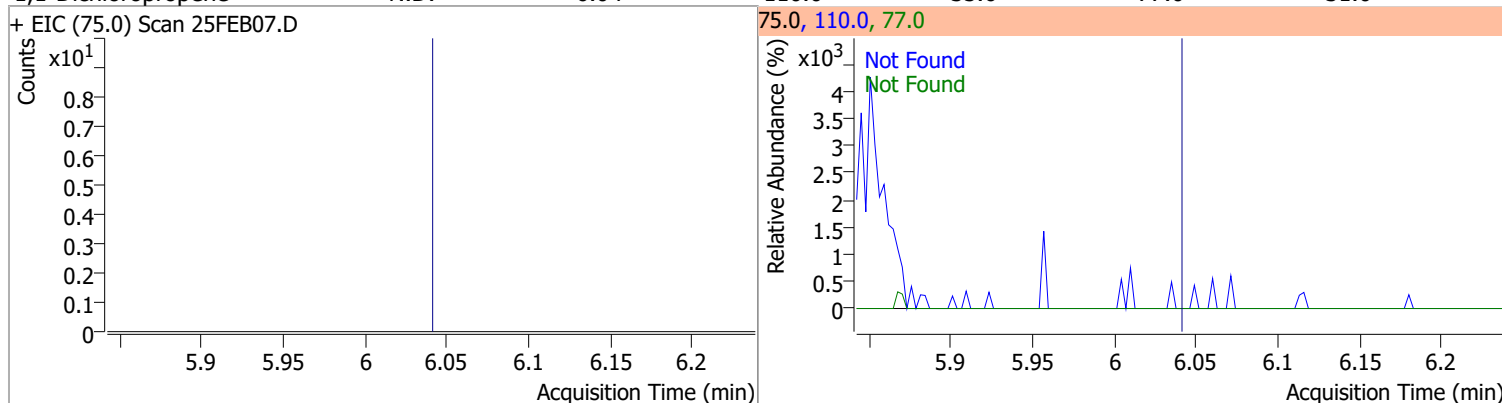
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 280.7785 | 5.85 | 0.00 | 280465 | 191.5 | 21.2 | 0.0 | 53.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|-------|-----------|
| Carbon tetrachloride | N.D. | 6.02 | 119.0 | 97.6 | 121.0 | 30.7 |

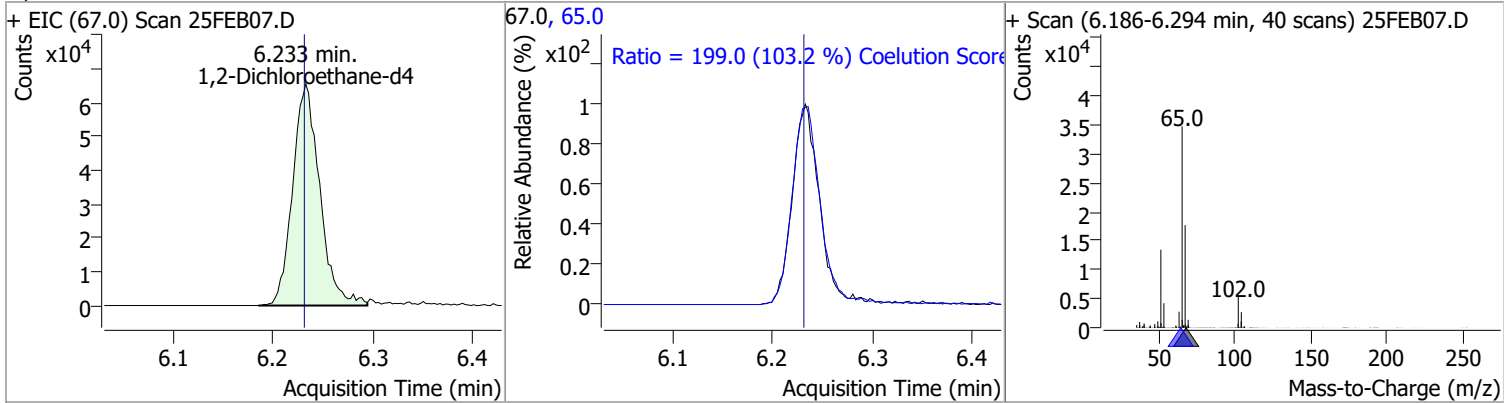


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|------|-----------|
| 1,1-Dichloropropene | N.D. | 6.04 | 110.0 | 35.6 | 77.0 | 31.0 |

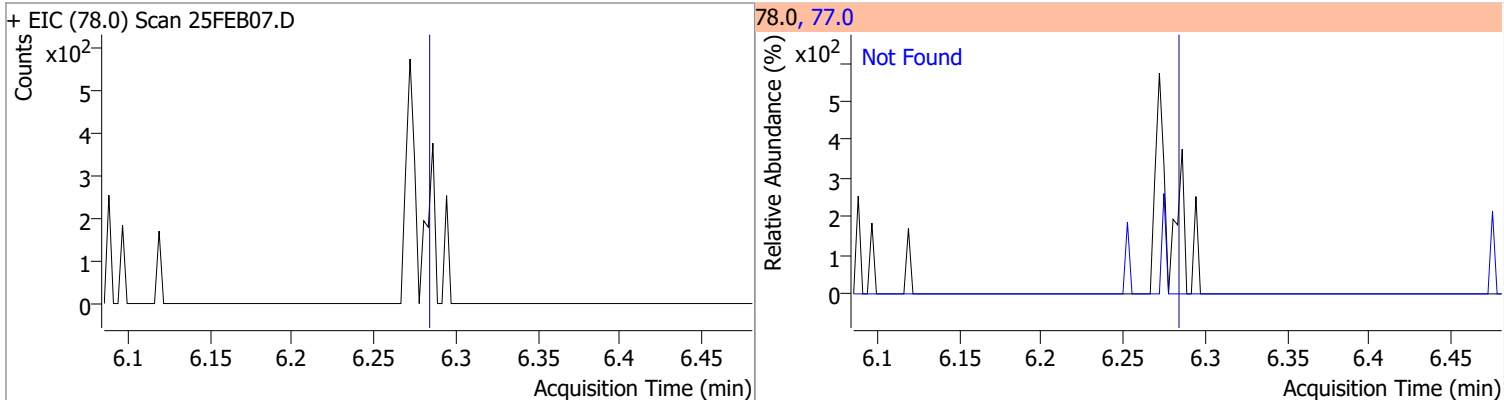


Quantitation Results Report (QT Reviewed)

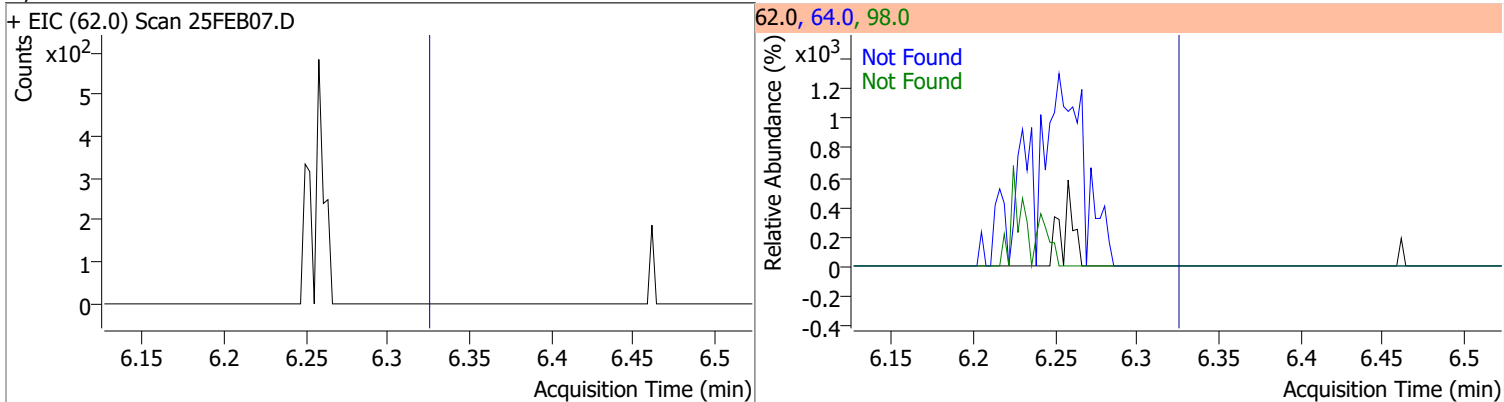
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 284.7775 | 6.23 | 0.00 | 122879 | 65.0 | 199.0 | 162.8 | 222.8 |



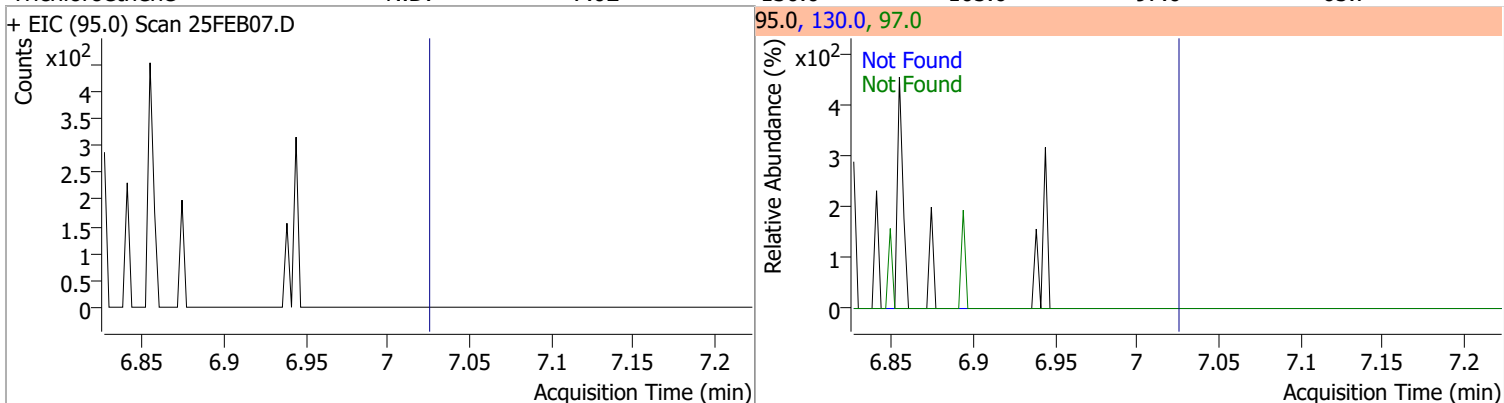
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



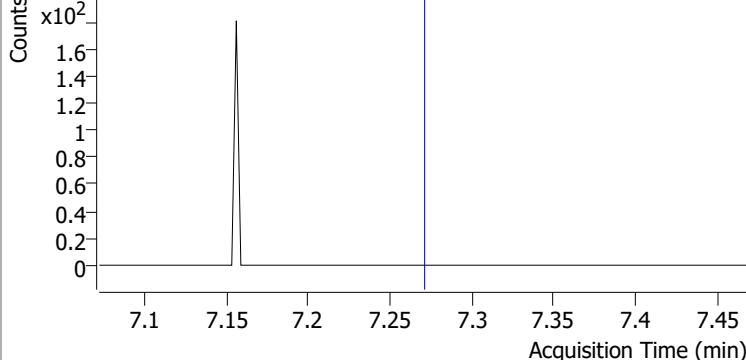
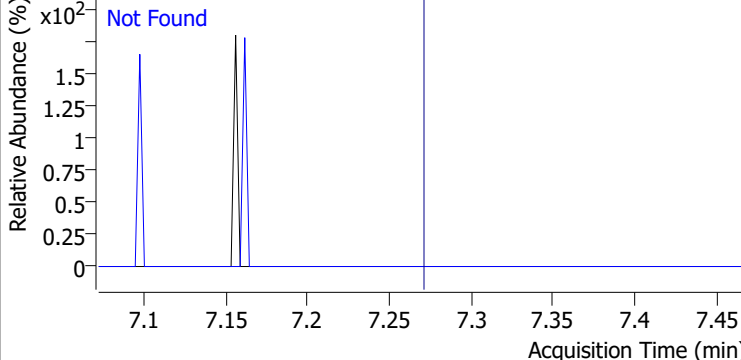
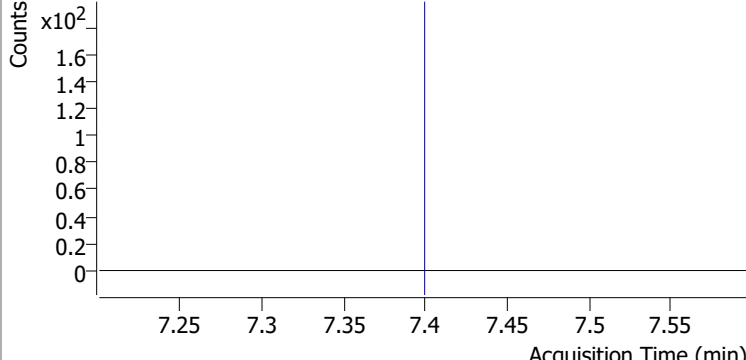
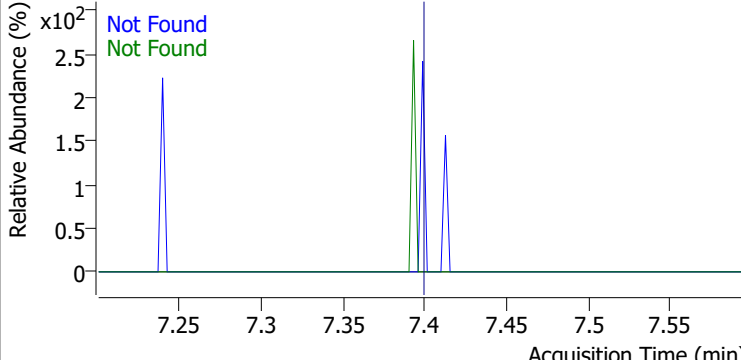
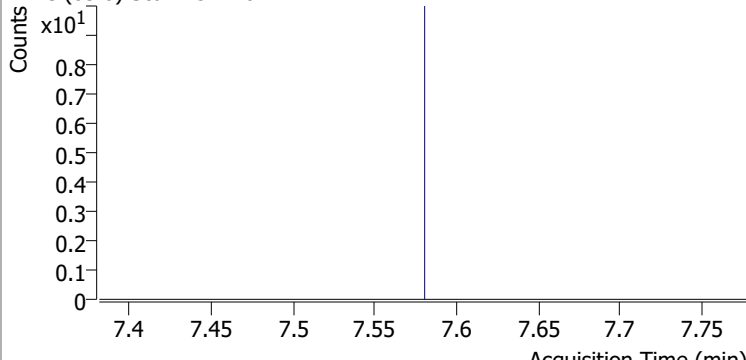
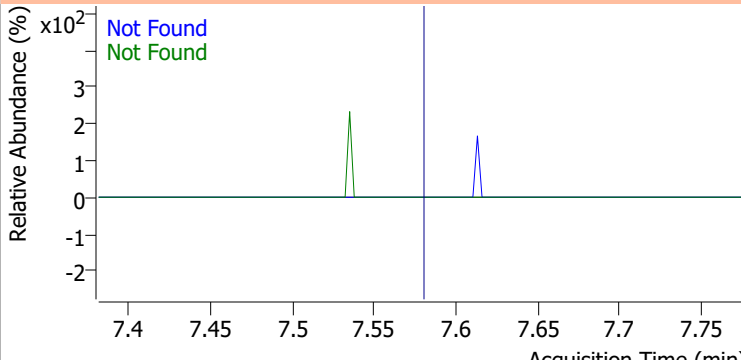
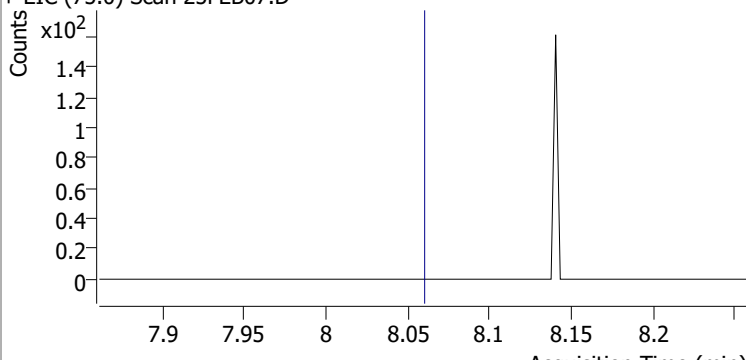
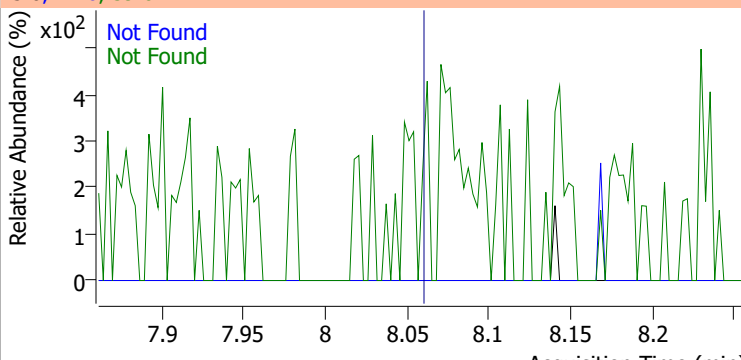
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

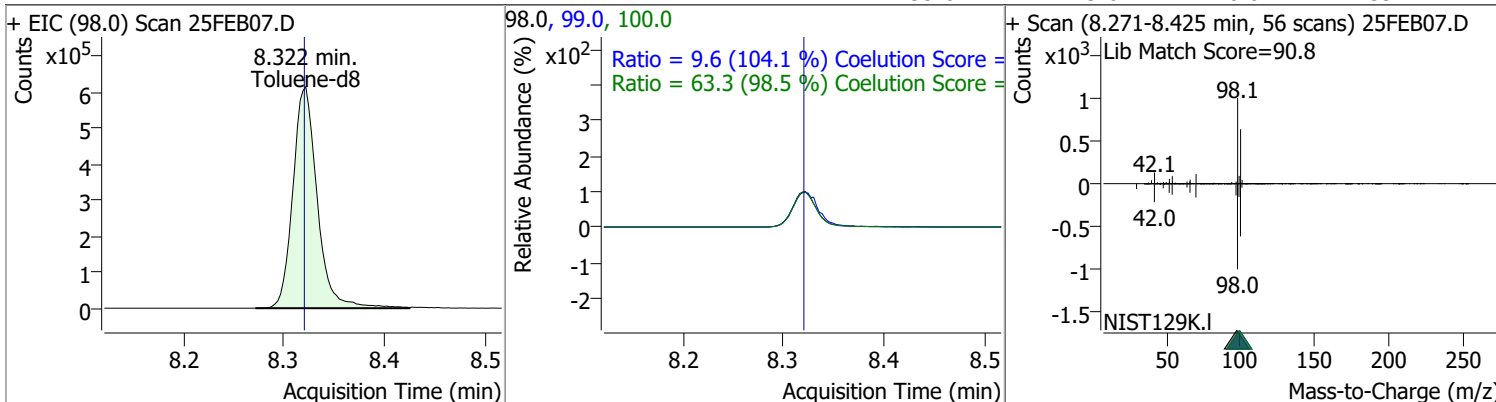


Quantitation Results Report (QT Reviewed)

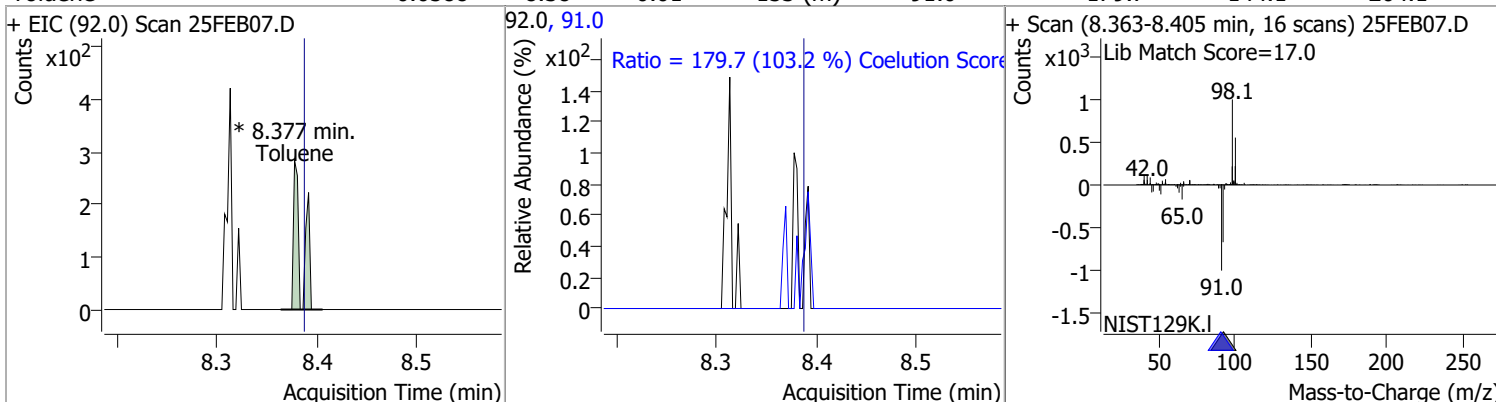
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 | | |
| + EIC (63.0) Scan 25FEB07.D | | | 63.0, 76.0 | | | |
|  | | |  | | | |
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |
| + EIC (93.0) Scan 25FEB07.D | | | 93.0, 95.0, 173.5 | | | |
|  | | |  | | | |
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |
| + EIC (83.0) Scan 25FEB07.D | | | 83.0, 85.0, 127.0 | | | |
|  | | |  | | | |
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |
| + EIC (75.0) Scan 25FEB07.D | | | 75.0, 77.0, 39.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

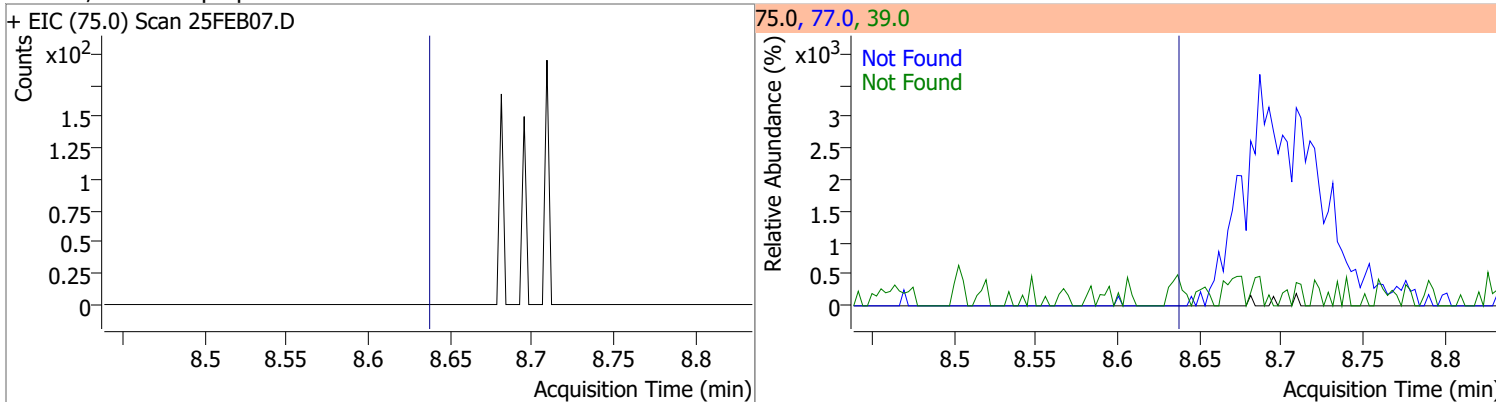
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 263.5390 | 8.32 | 0.00 | 1032038 | 100.0 | 63.3 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.6 | 0.0 | 39.2 |



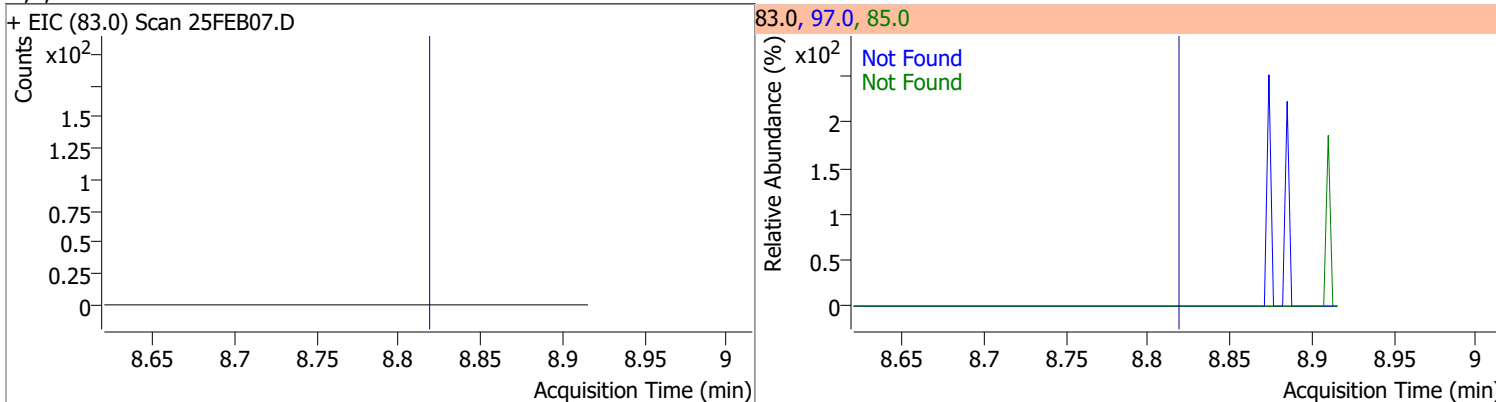
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|---------|------|--------|-------|-------|
| Toluene | 0.0588 | 8.38 | -0.01 | 153 (m) | 91.0 | 179.7 | 144.1 | 204.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |

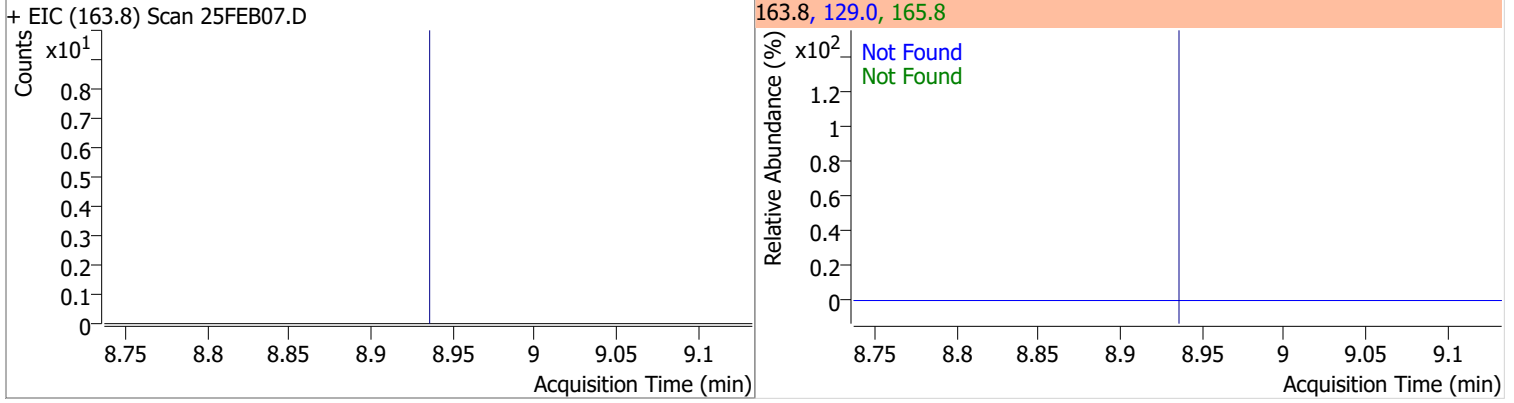


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

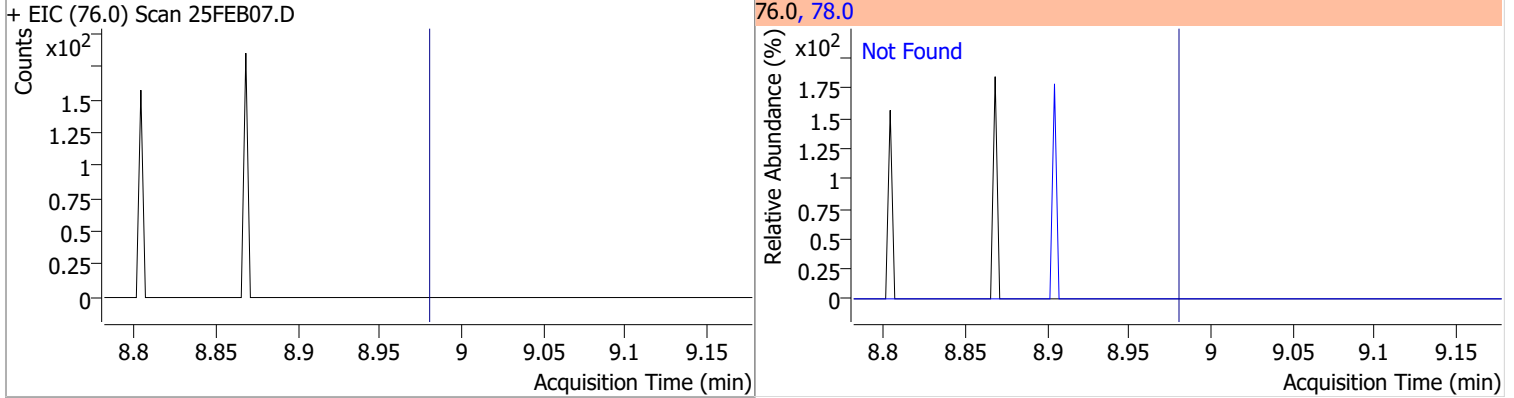


Quantitation Results Report (QT Reviewed)

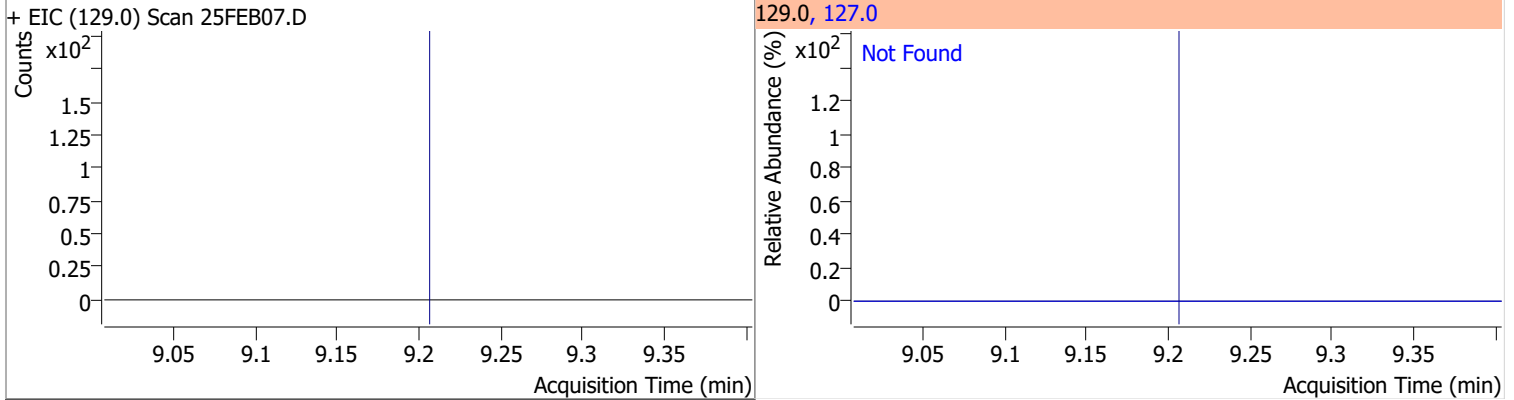
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |



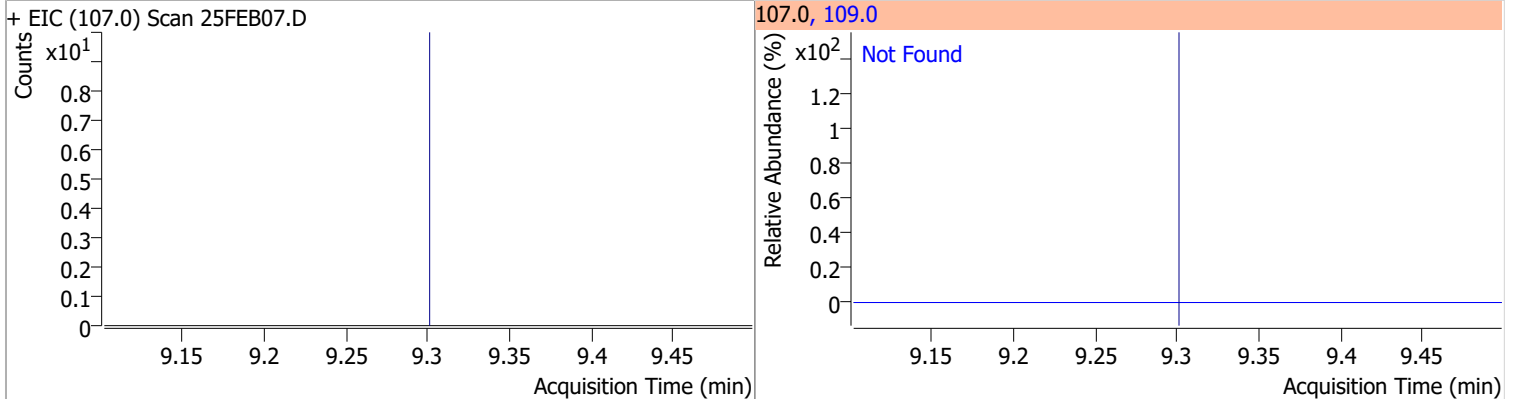
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 |

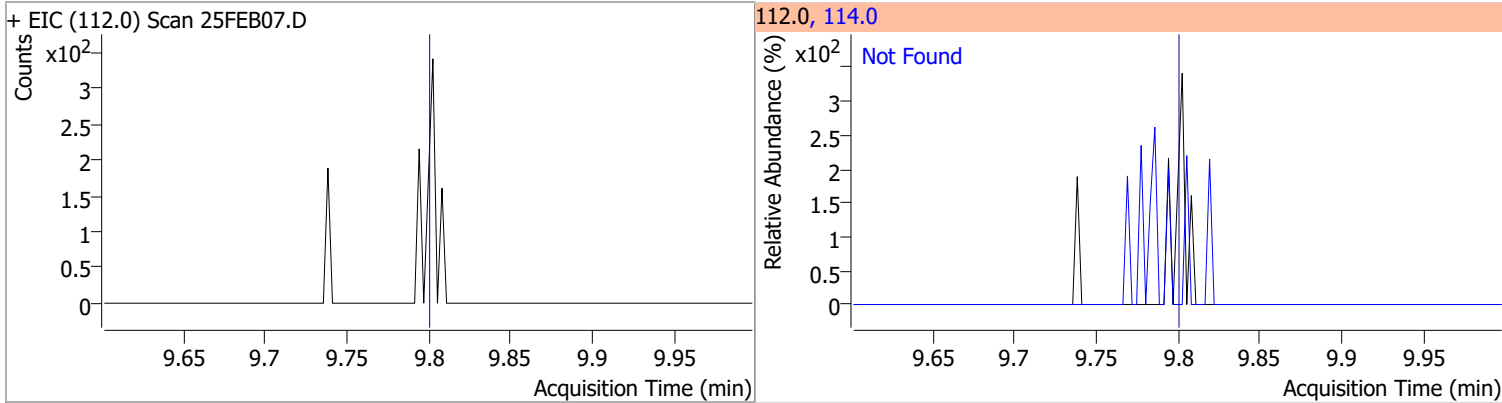


| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 |

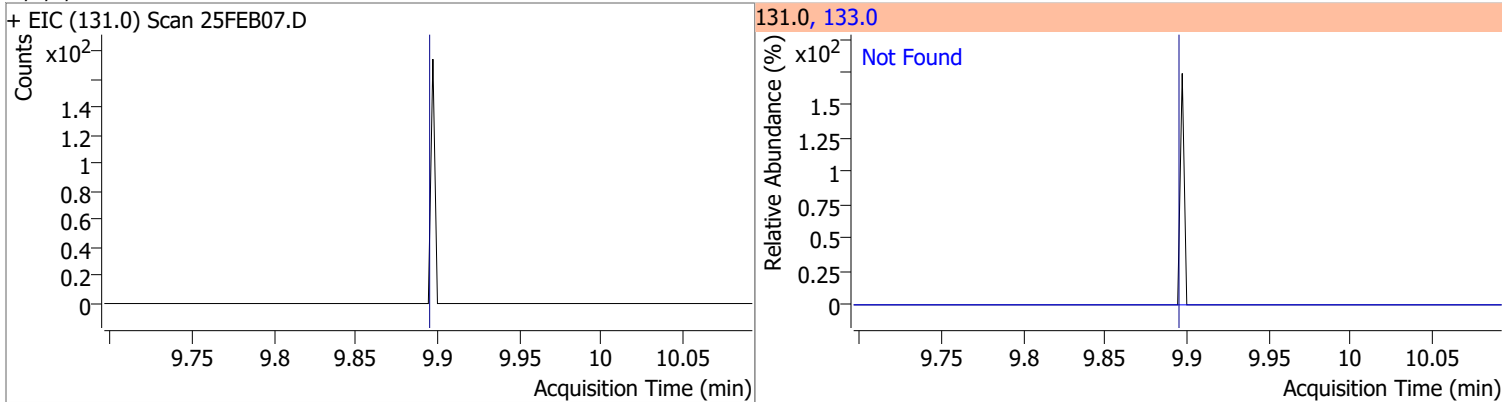


Quantitation Results Report (QT Reviewed)

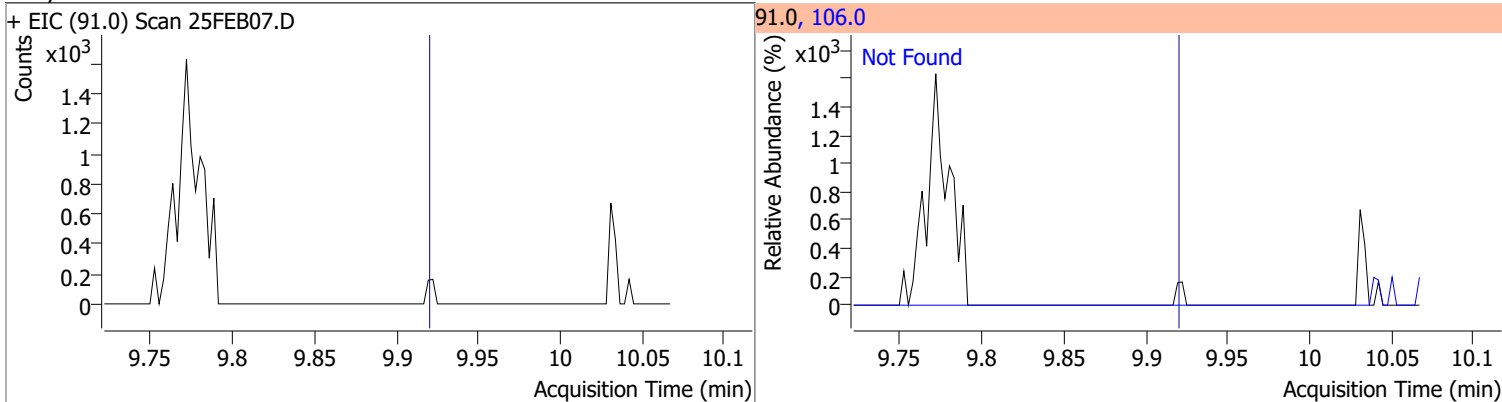
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------|-------|--------|-------|-----------|
| Chlorobenzene | N.D. | 9.80 | 114.0 | 32.2 |



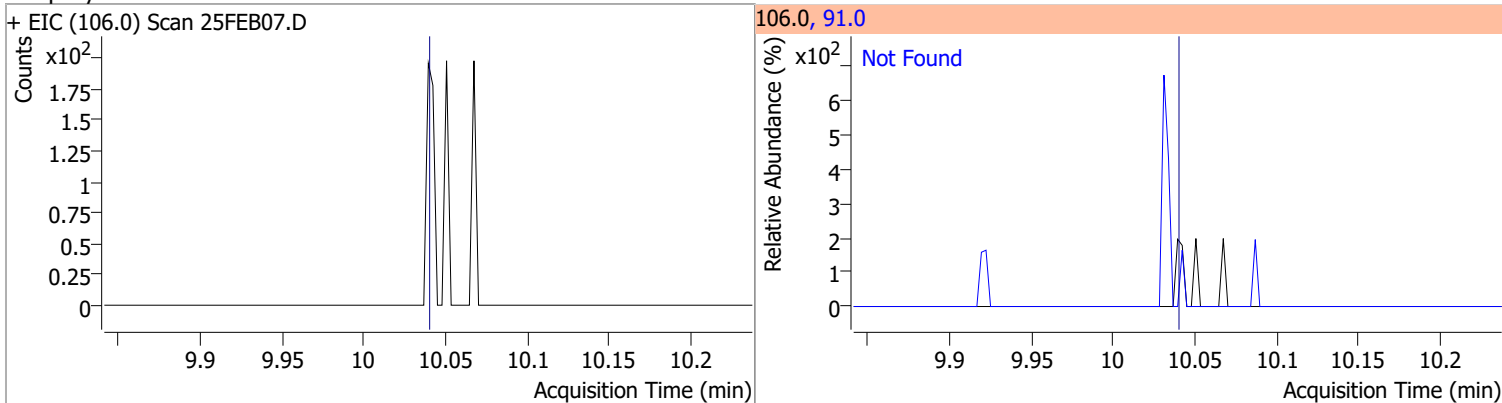
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------------|-------|--------|-------|-----------|
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|-------|-----------|
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |

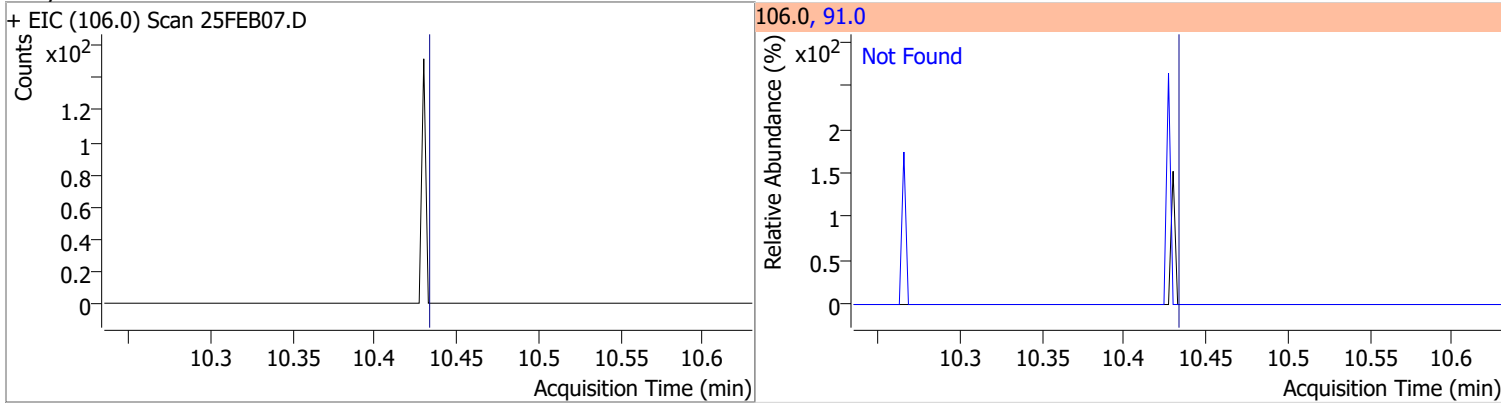


| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------|-------|--------|------|-----------|
| m+p-Xylenes | N.D. | 10.04 | 91.0 | 200.7 |

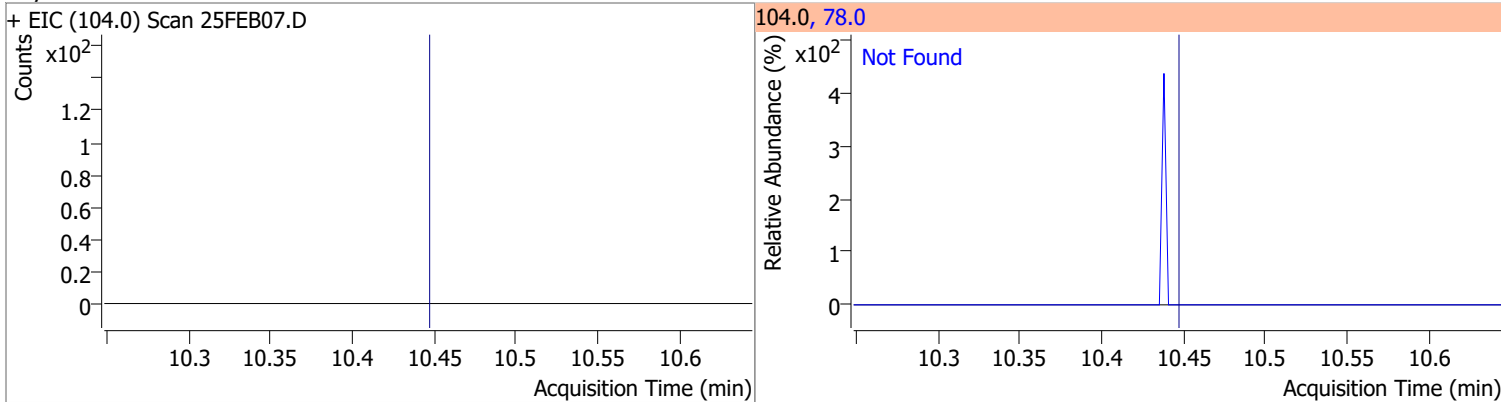


Quantitation Results Report (QT Reviewed)

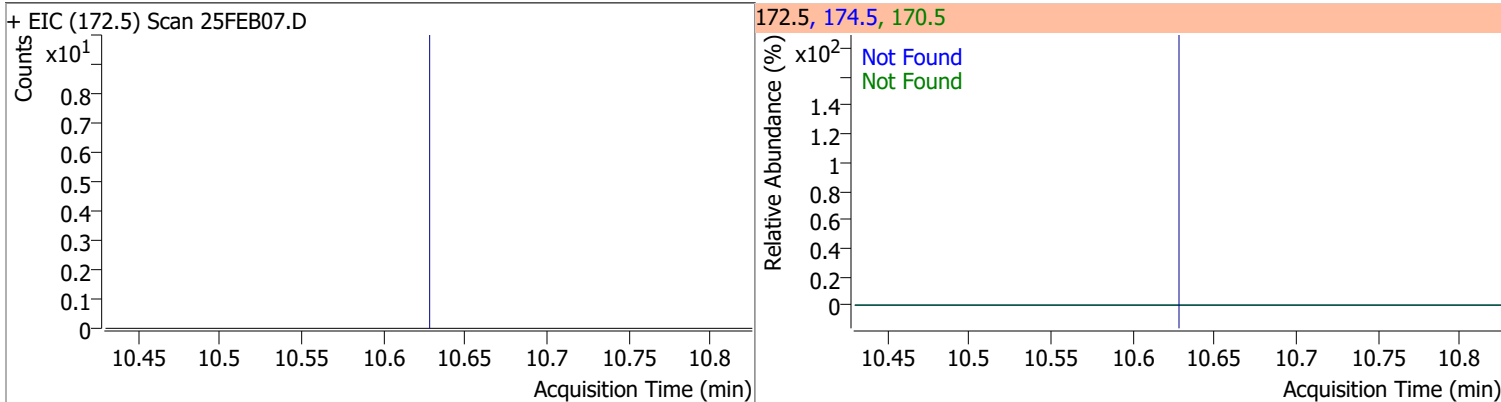
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| o-Xylene | N.D. | 10.43 | 91.0 | 211.4 |



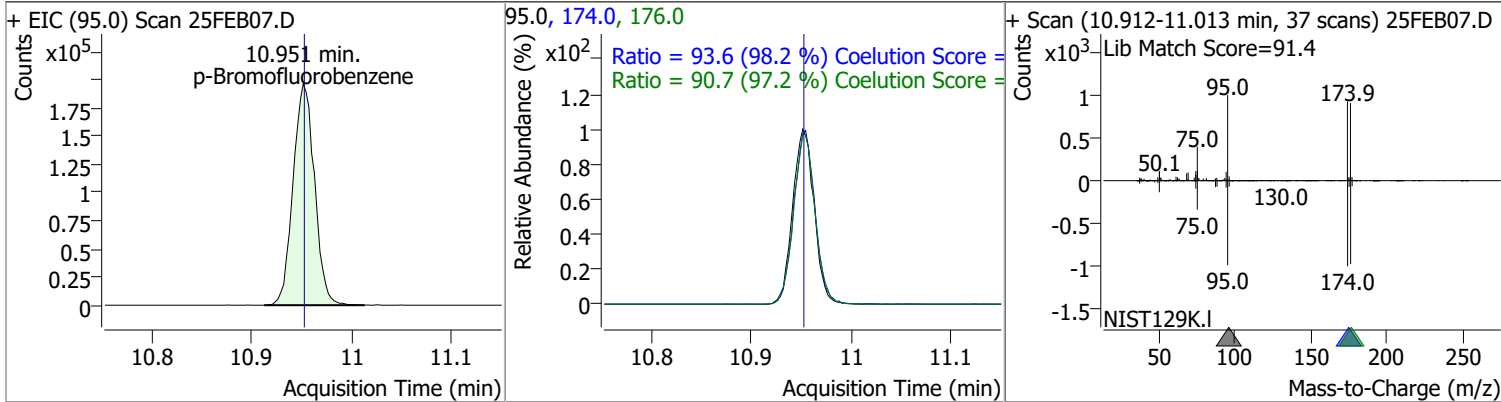
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



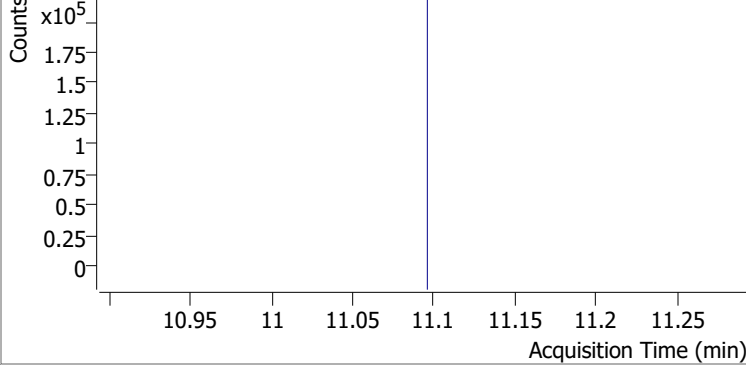
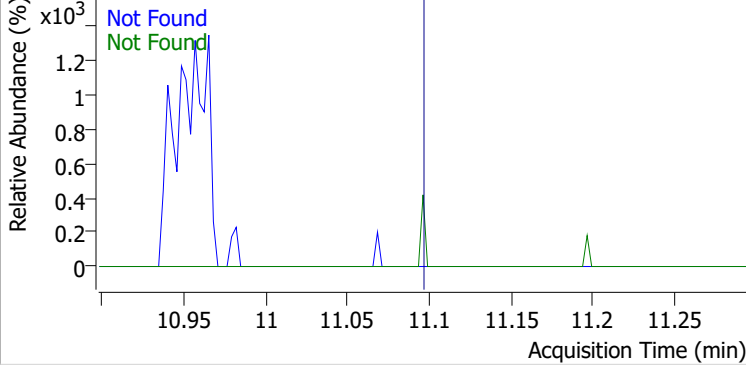
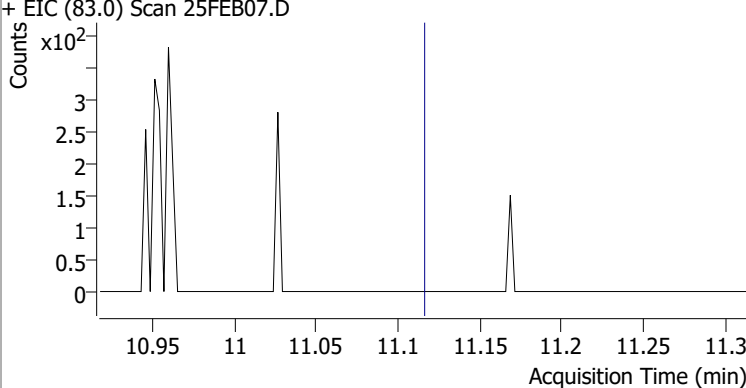
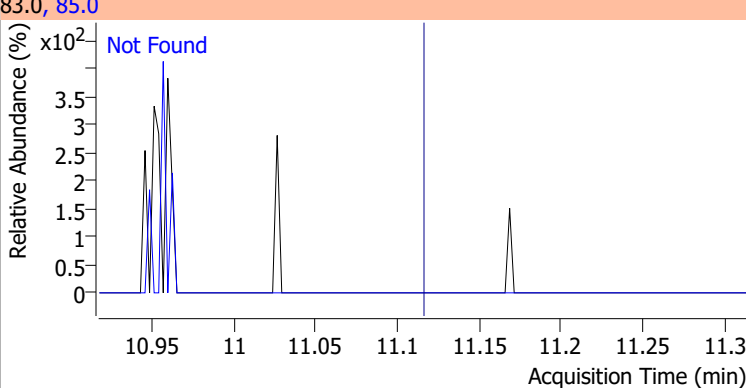
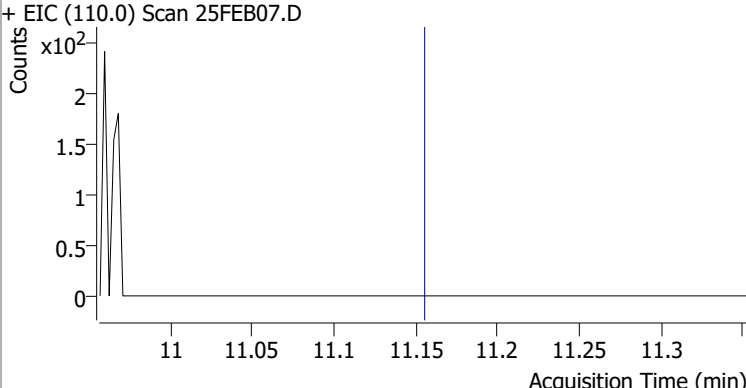
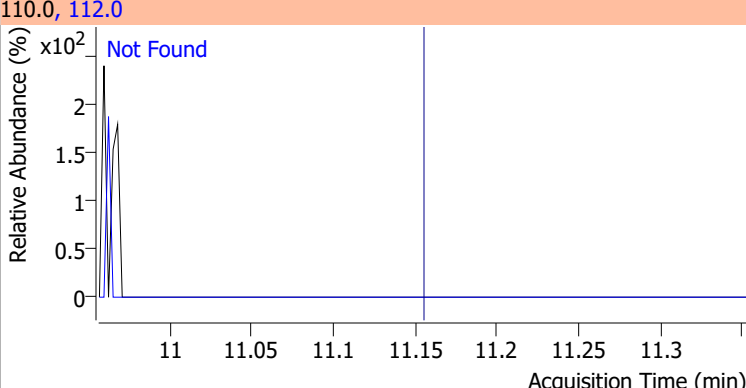
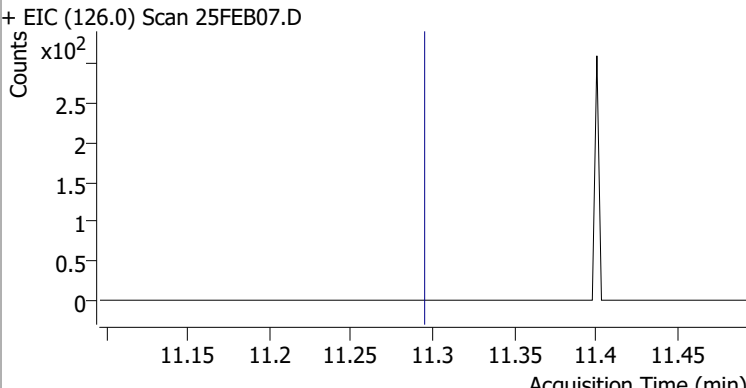
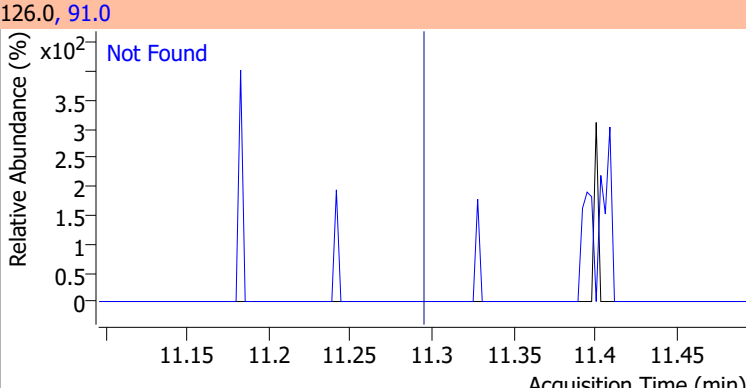
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 264.6261 | 10.95 | 0.00 | 291810 | 174.0 | 93.6 | 65.3 | 125.3 |
| | | | | | 176.0 | 90.7 | 63.3 | 123.3 |

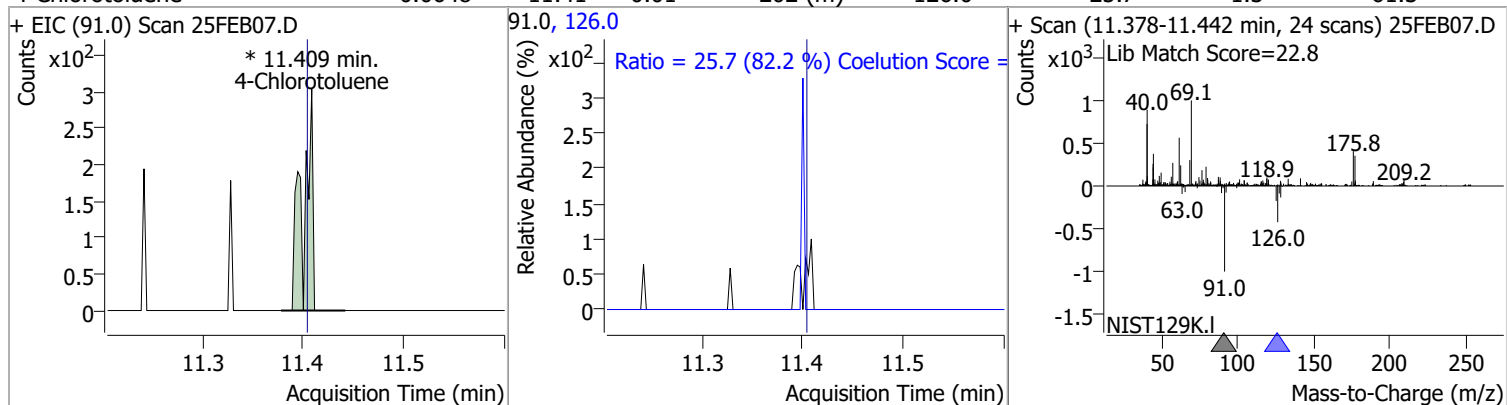


Quantitation Results Report (QT Reviewed)

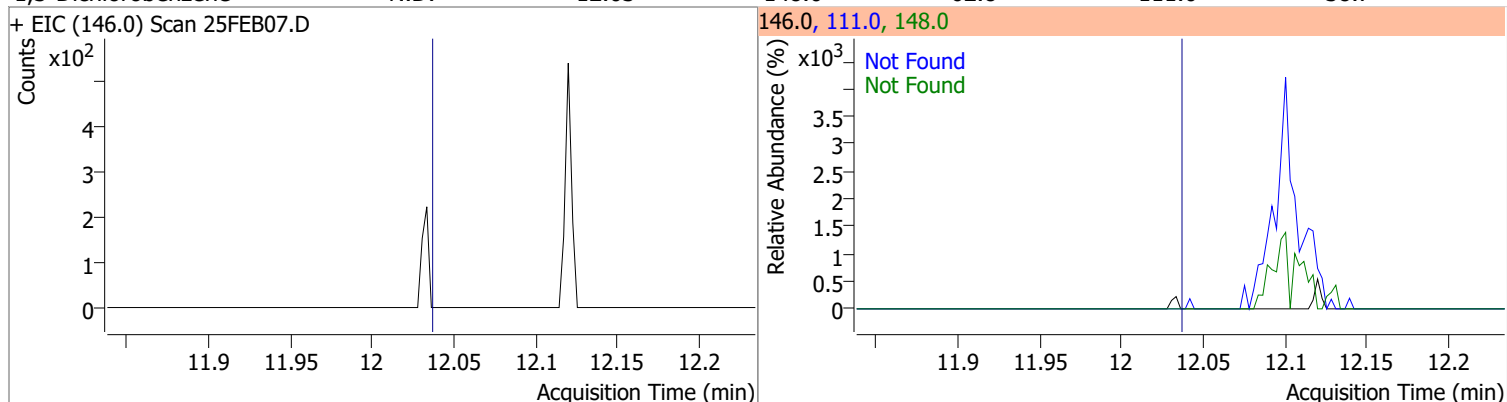
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB07.D ***NO DATA POINTS*** | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB07.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB07.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB07.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

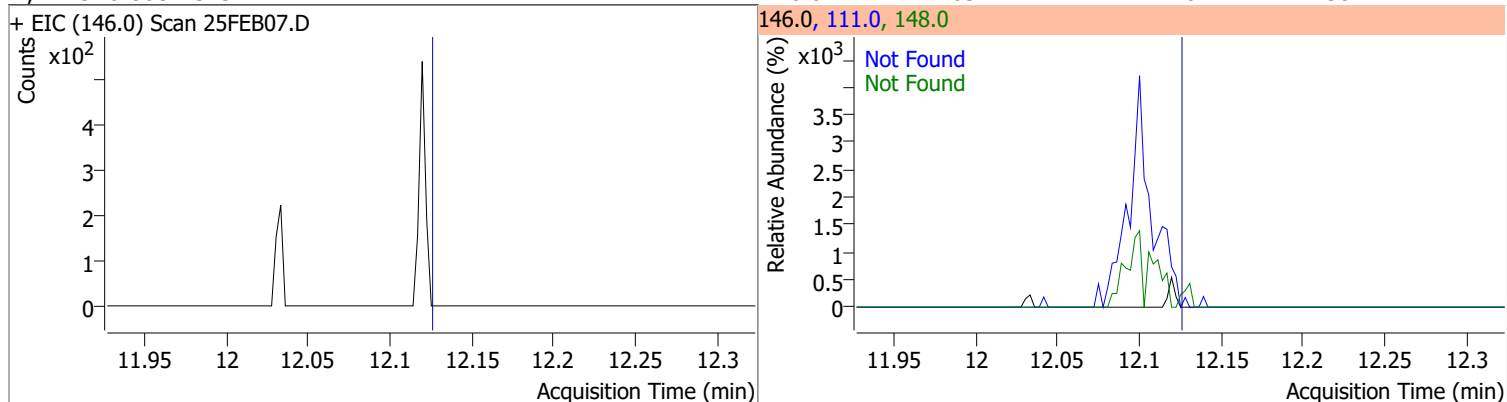
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|--------|-------|----------|---------|-------|--------|-------|-------|
| 4-Chlorotoluene | 0.0648 | 11.41 | 0.01 | 202 (m) | 126.0 | 25.7 | 1.3 | 61.3 |



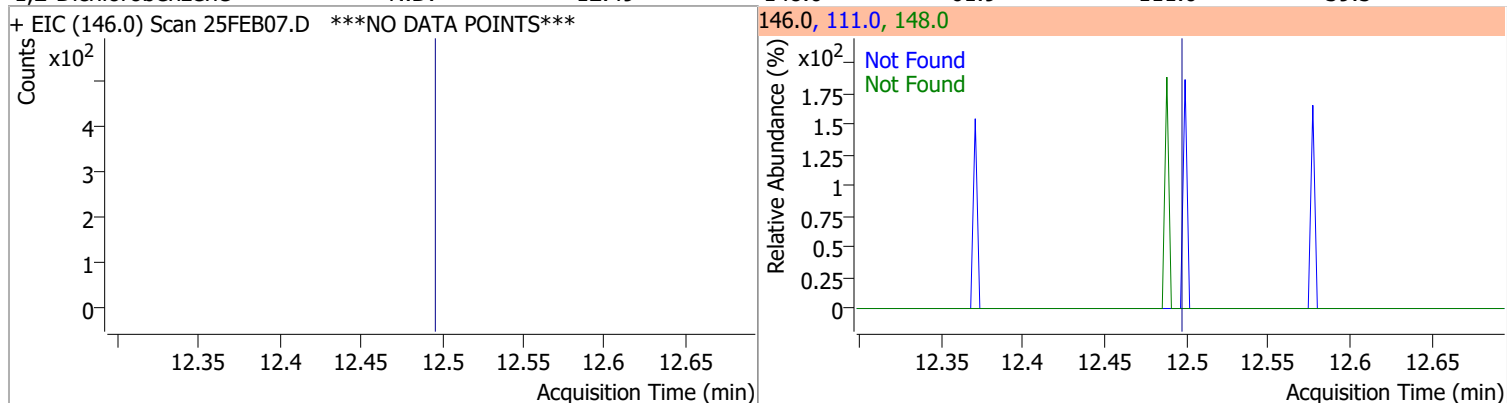
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | 111.0 | 38.7 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | 111.0 | 38.7 |

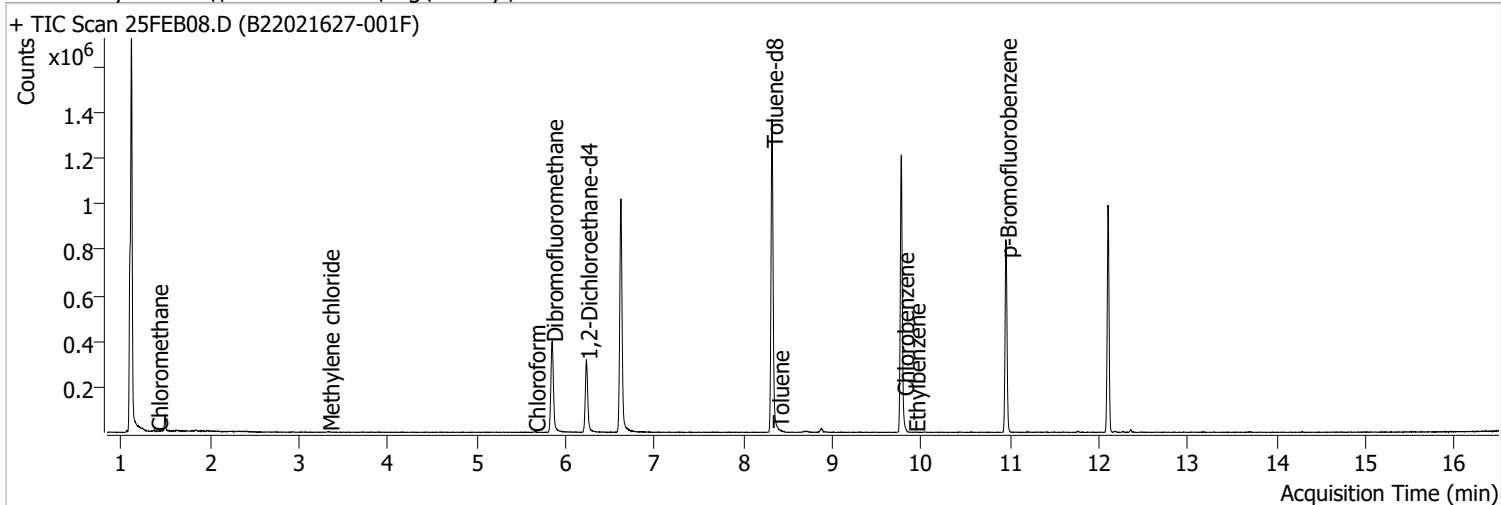


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | 111.0 | 39.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB08.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 1:31:00 PM |
| Sample Name | B22021627-001F | Instrument | VOA5975C |
| Vial | 8 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



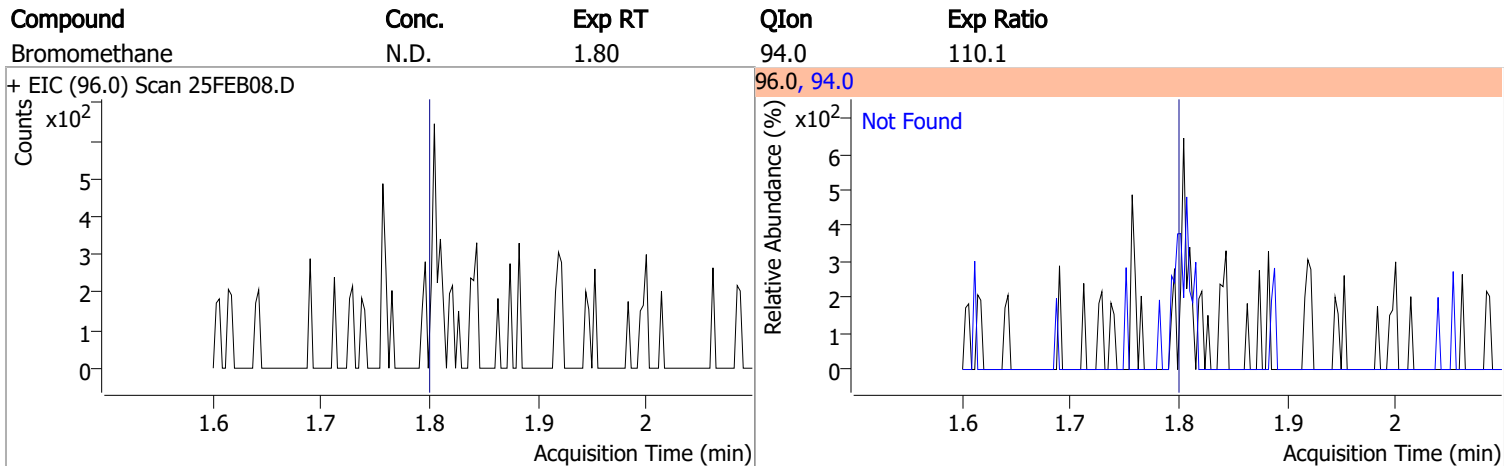
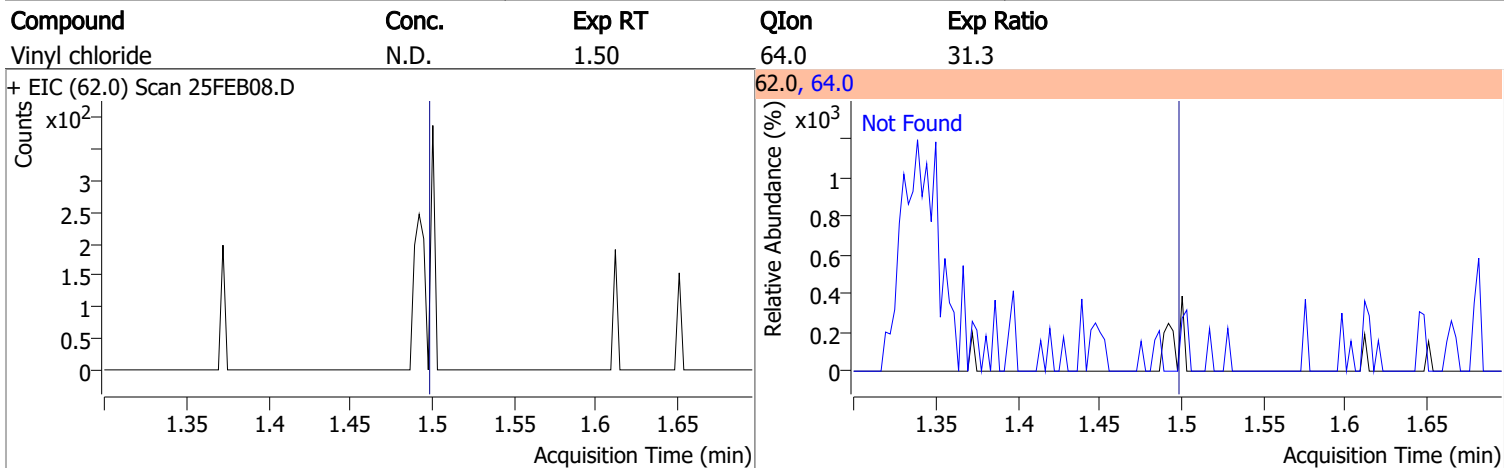
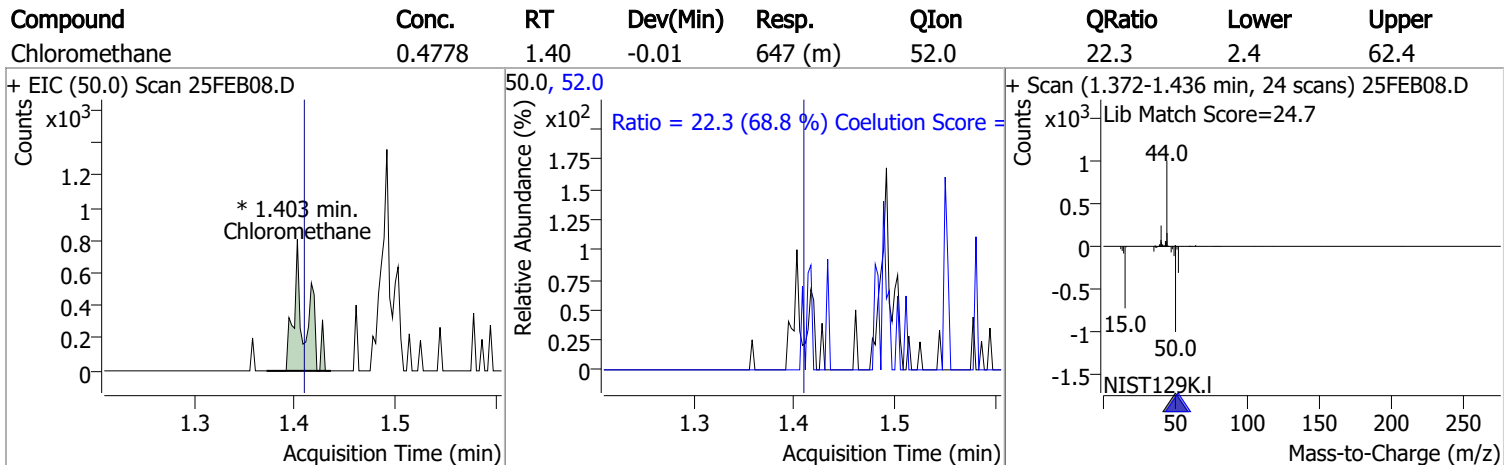
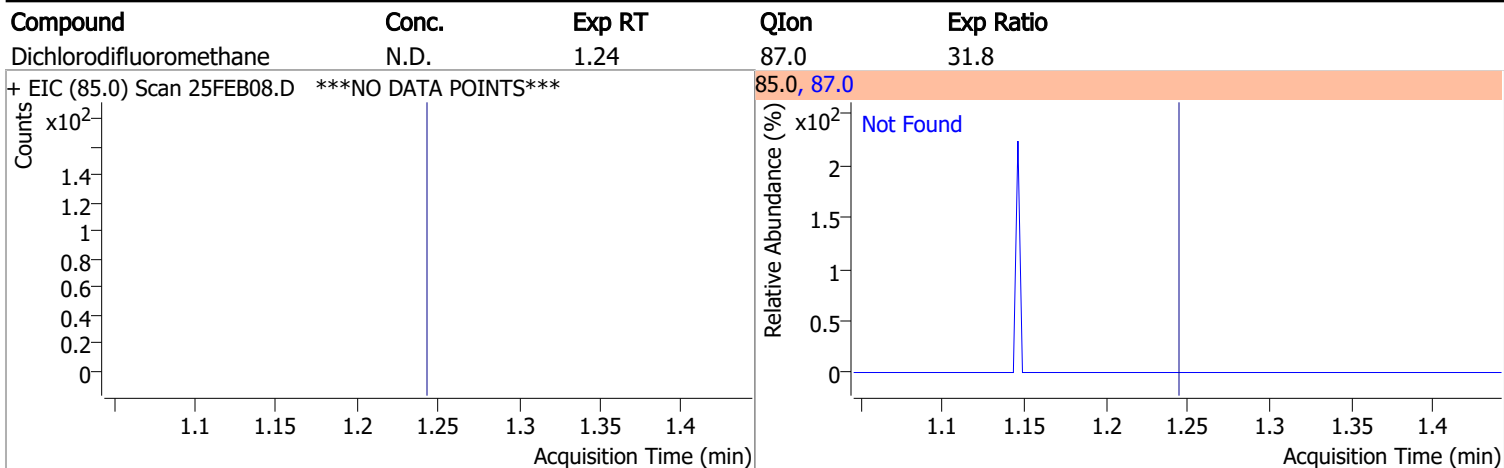
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|----------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 855533 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 343444 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 230050 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 246006 | 296.8742 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 118.75% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 115994 | 324.0448 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 129.62% * | | |
| S Toluene-d8 | 8.321 | 98.0 | 863294 | 257.6515 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 103.06% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 239259 | 281.6806 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 112.67% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.403 | 50.0 | 647 | 0.4778 | ng | m 82 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.333 | 49.0 | 1700 | 1.3591 | ng | m 88 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.650 | 83.0 | 1981 | 1.1933 | ng | m 84 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Benzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Toluene | 8.388 | 92.0 | 568 | 0.2545 | ng | m | 83 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | | |
| T Chlorobenzene | 9.797 | 112.0 | 195 | 0.0797 | ng | m | 66 |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T Ethylbenzene | 9.922 | 91.0 | 384 | 0.6886 | ng | m | 60 |
| T m+p-Xylenes | 0.000 | | 0 | N.D. | | | |
| T o-Xylene | 10.430 | 106.0 | 0 | | ng | md | 1 |
| T Styrene | 0.000 | | 0 | N.D. | | | |
| T Bromoform | 0.000 | | 0 | N.D. | | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |

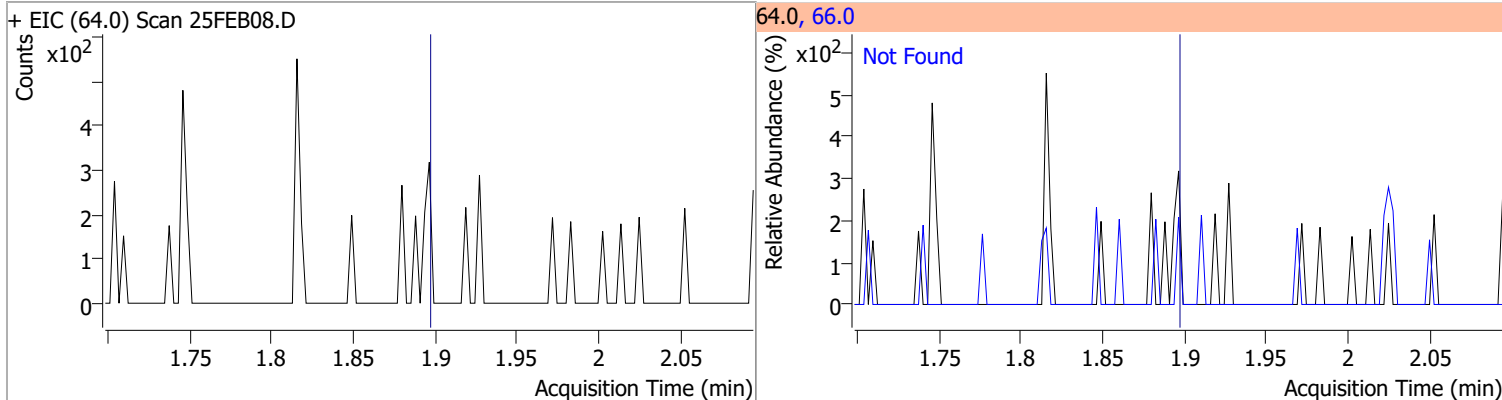
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

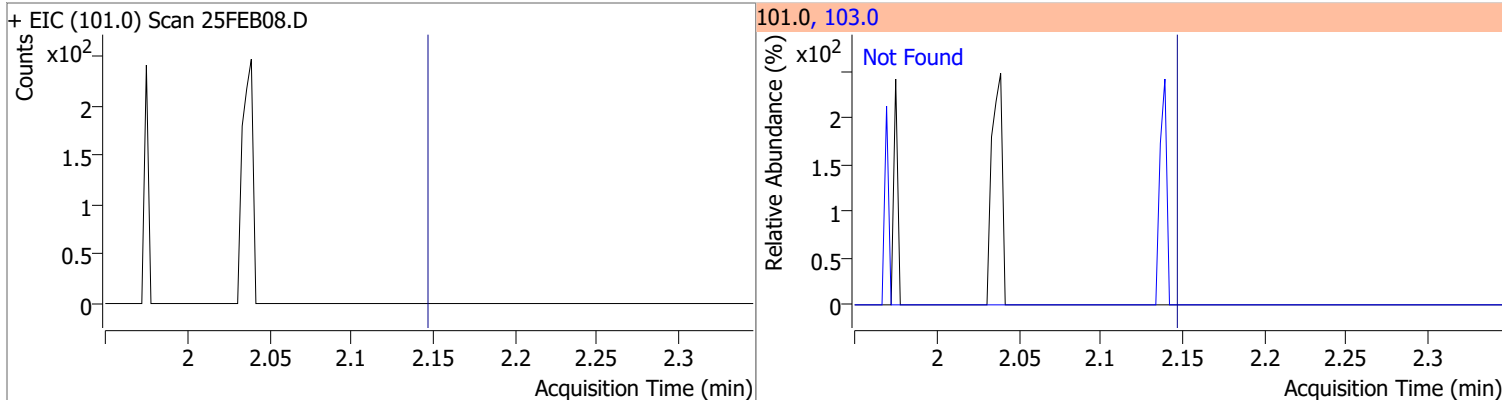


Quantitation Results Report (QT Reviewed)

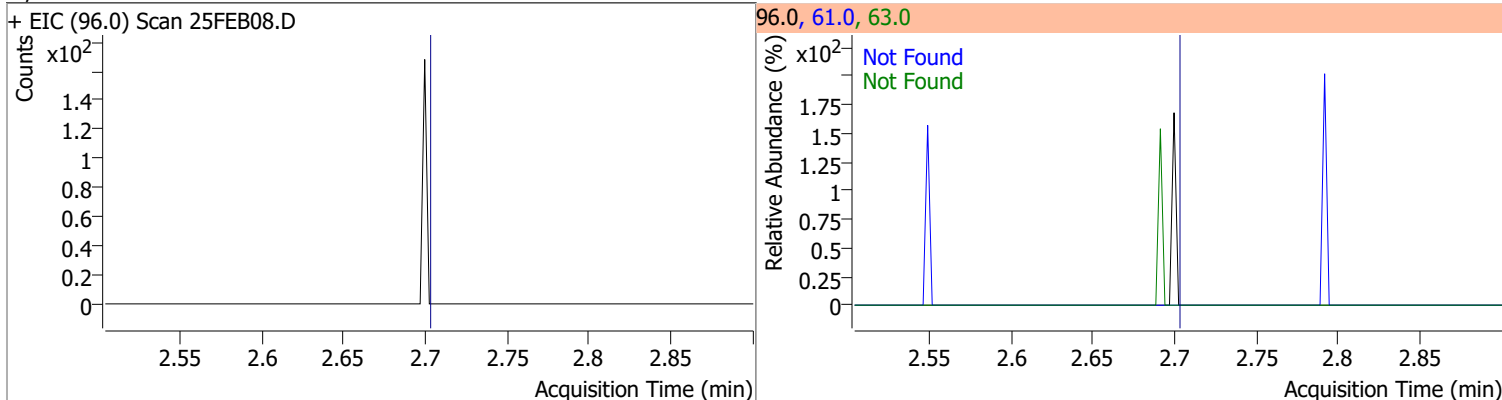
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



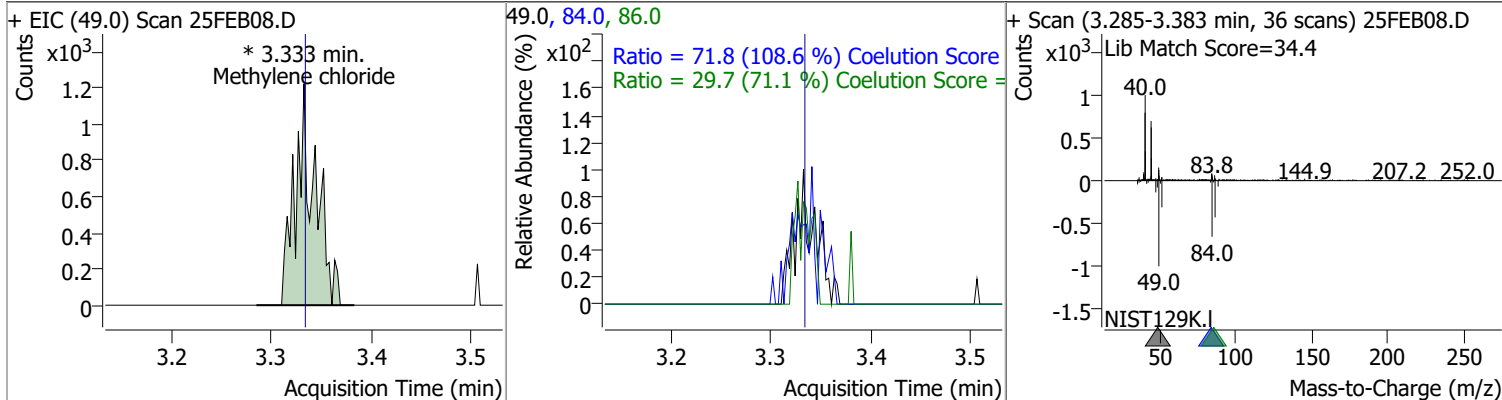
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



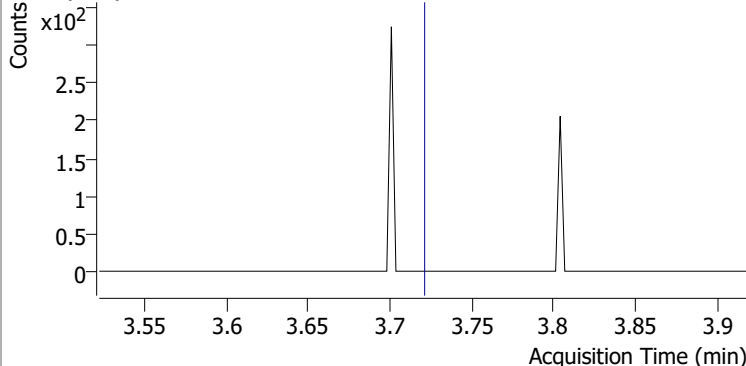
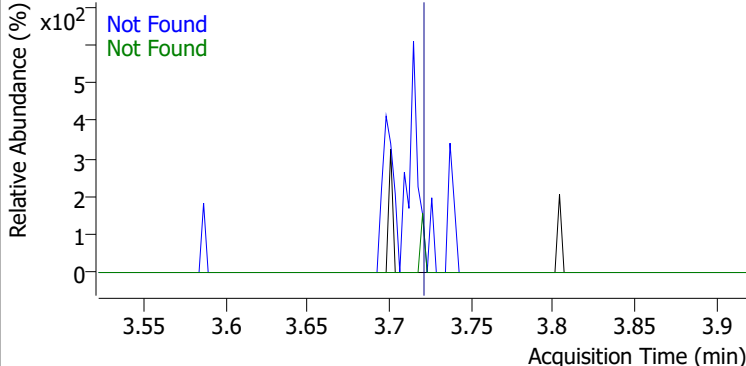
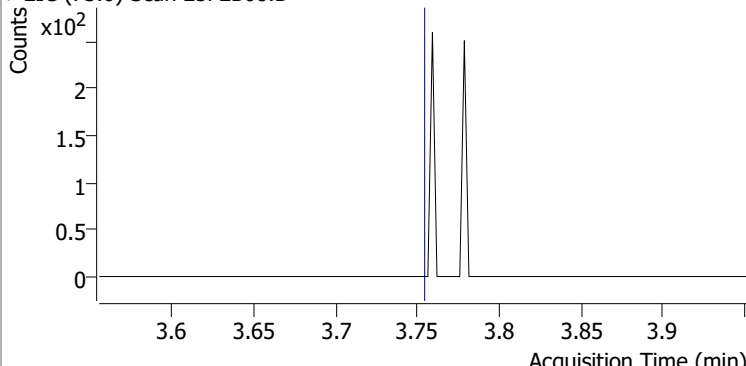
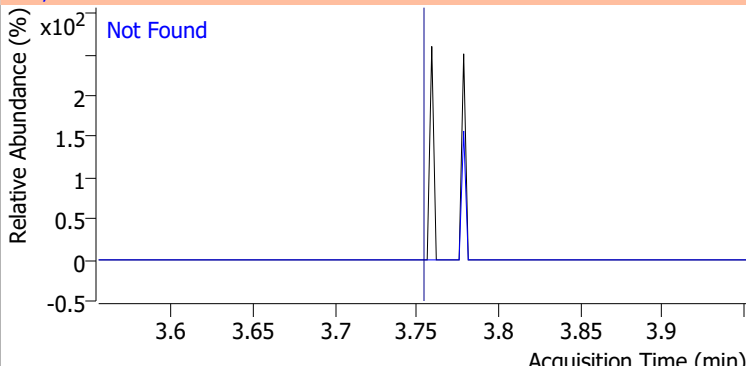
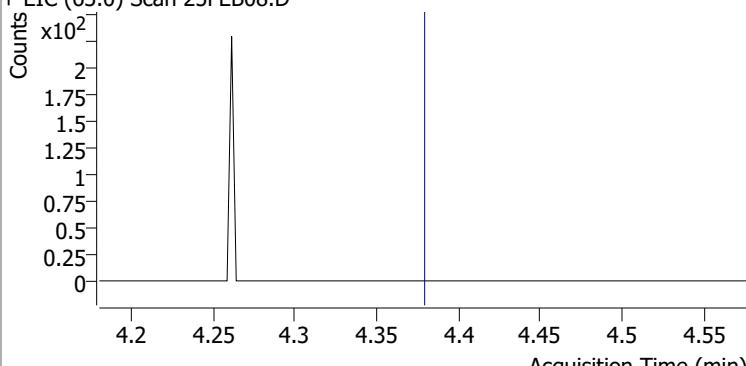
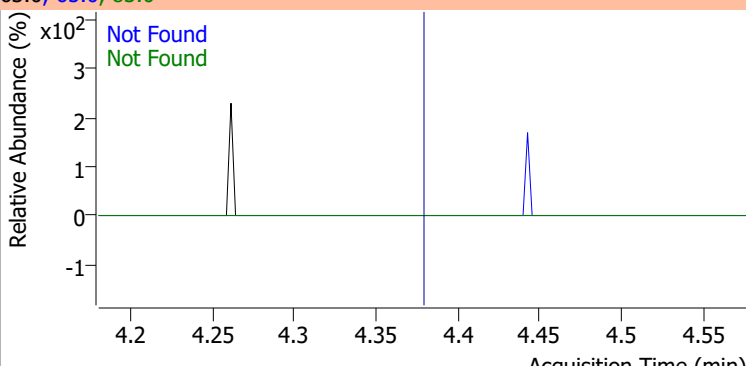
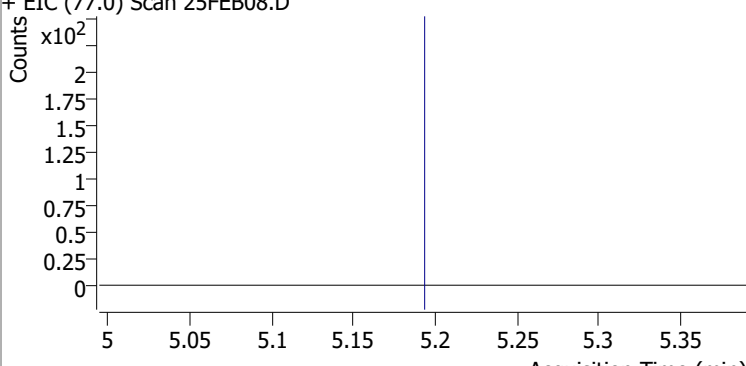
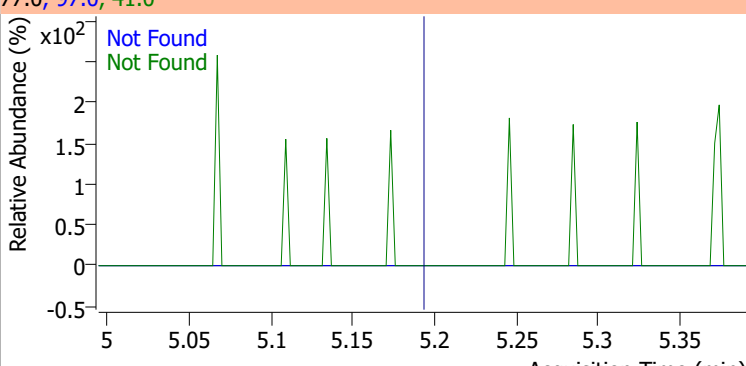
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 1.3591 | 3.33 | 0.00 | 1700 (m) | 84.0 | 71.8 | 36.1 | 96.1 |
| | | | | | 86.0 | 29.7 | 11.8 | 71.8 |

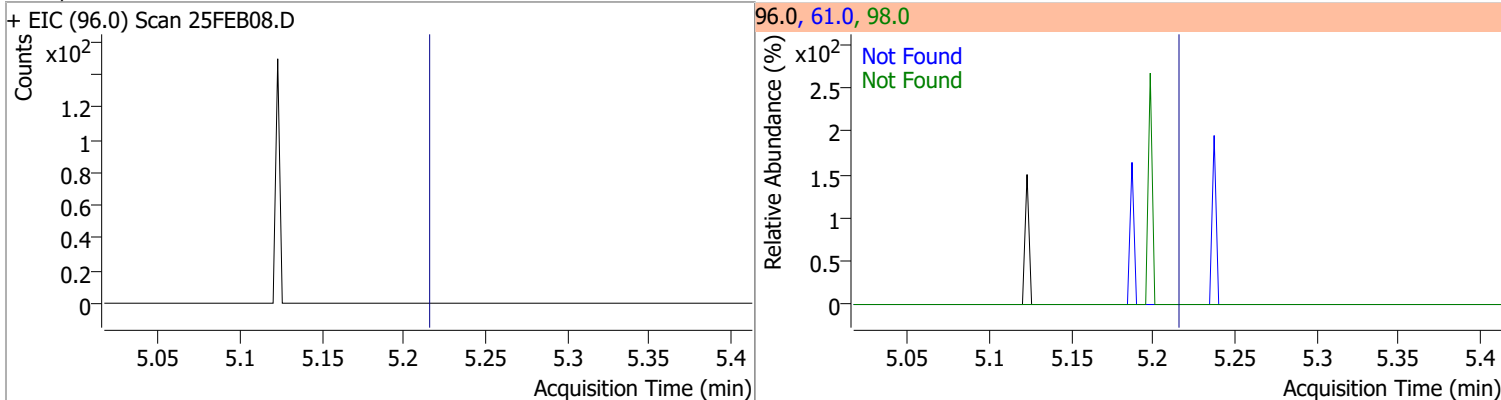


Quantitation Results Report (QT Reviewed)

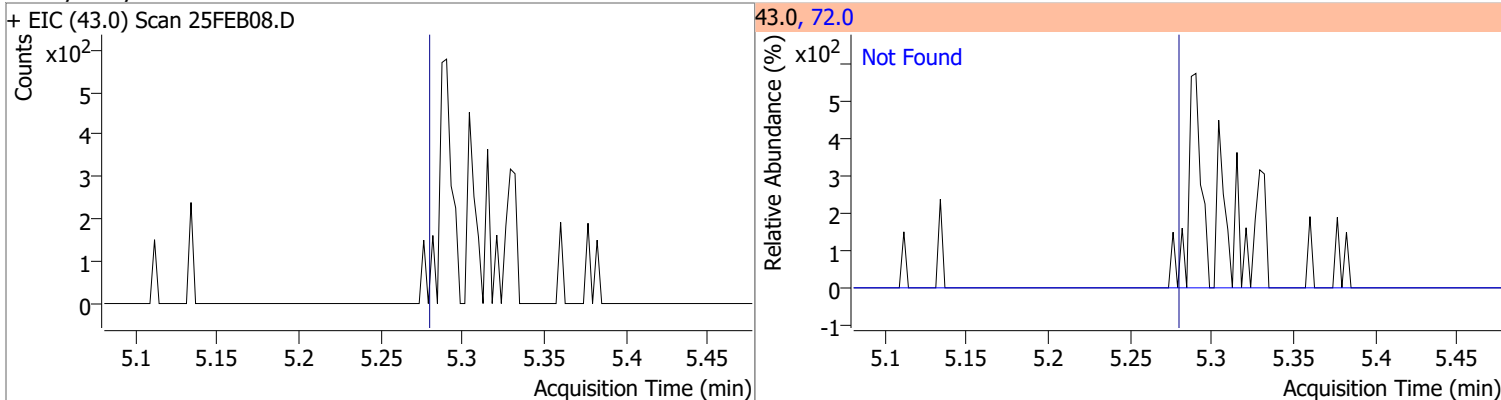
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |
| + EIC (96.0) Scan 25FEB08.D | | | 96.0, 61.0, 98.0 | | | |
|  | | |  | | | |
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 | | |
| + EIC (73.0) Scan 25FEB08.D | | | 73.0, 57.0 | | | |
|  | | |  | | | |
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |
| + EIC (63.0) Scan 25FEB08.D | | | 63.0, 65.0, 83.0 | | | |
|  | | |  | | | |
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |
| + EIC (77.0) Scan 25FEB08.D | | | 77.0, 97.0, 41.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

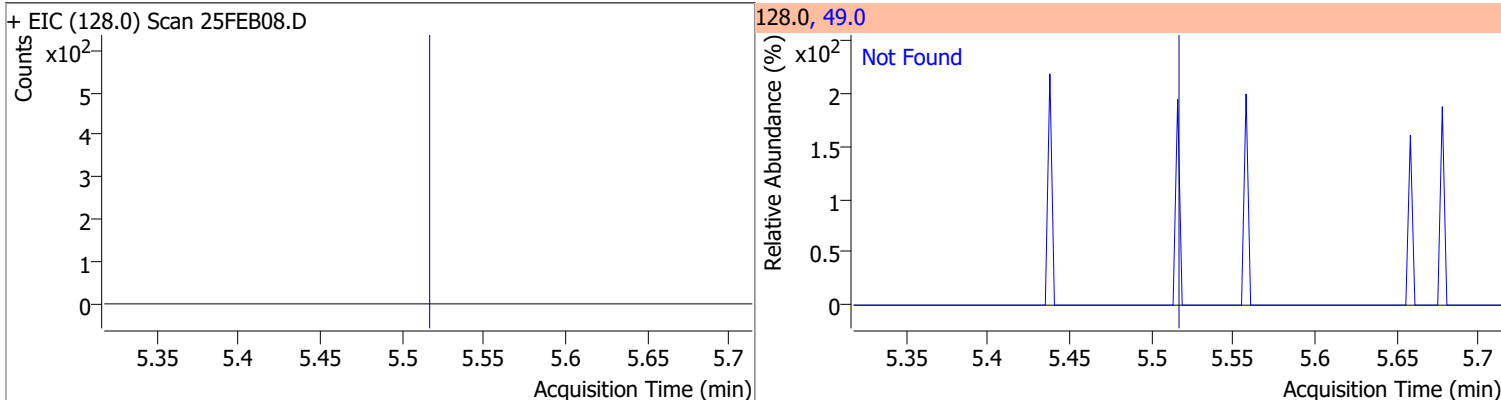
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



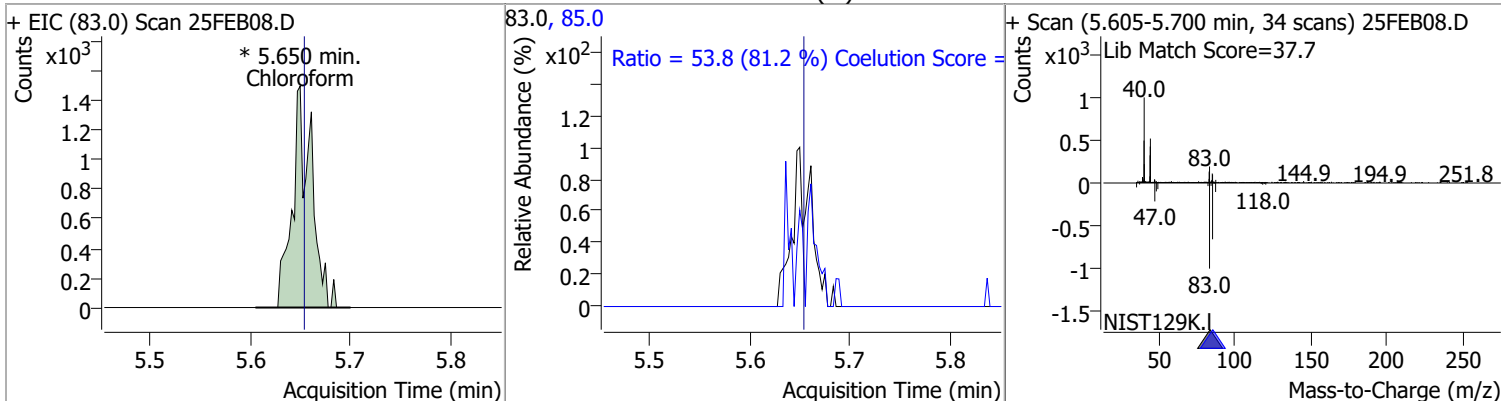
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



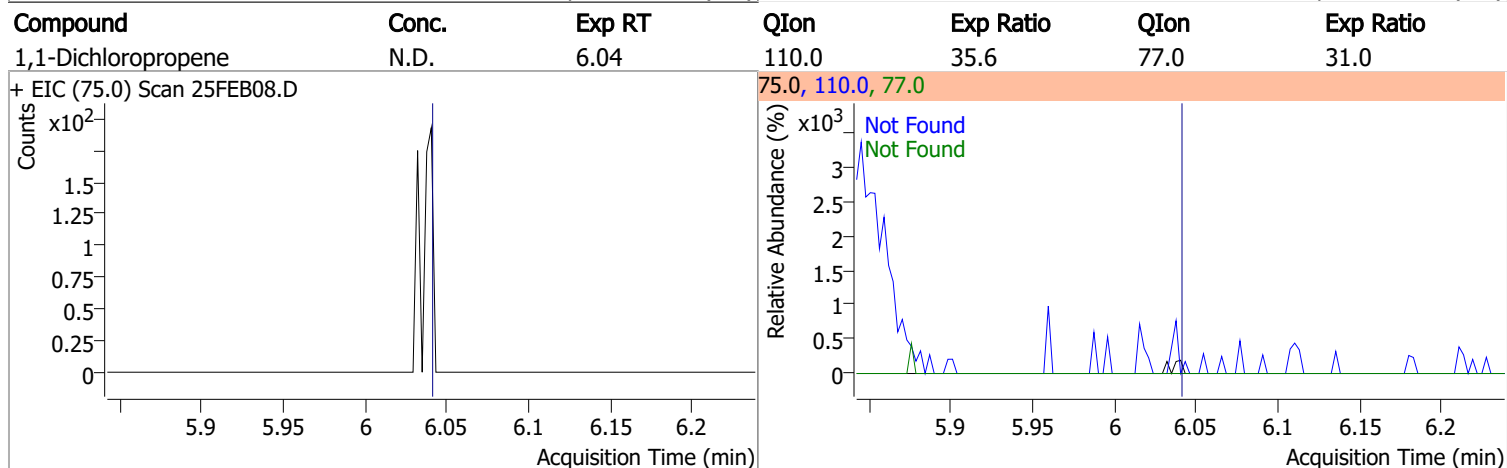
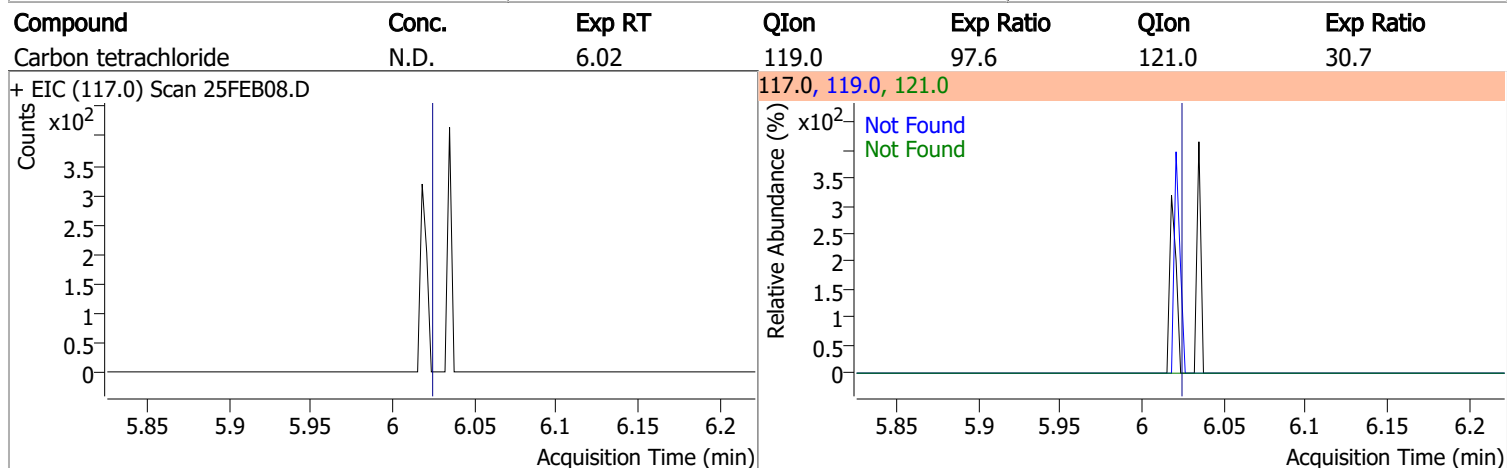
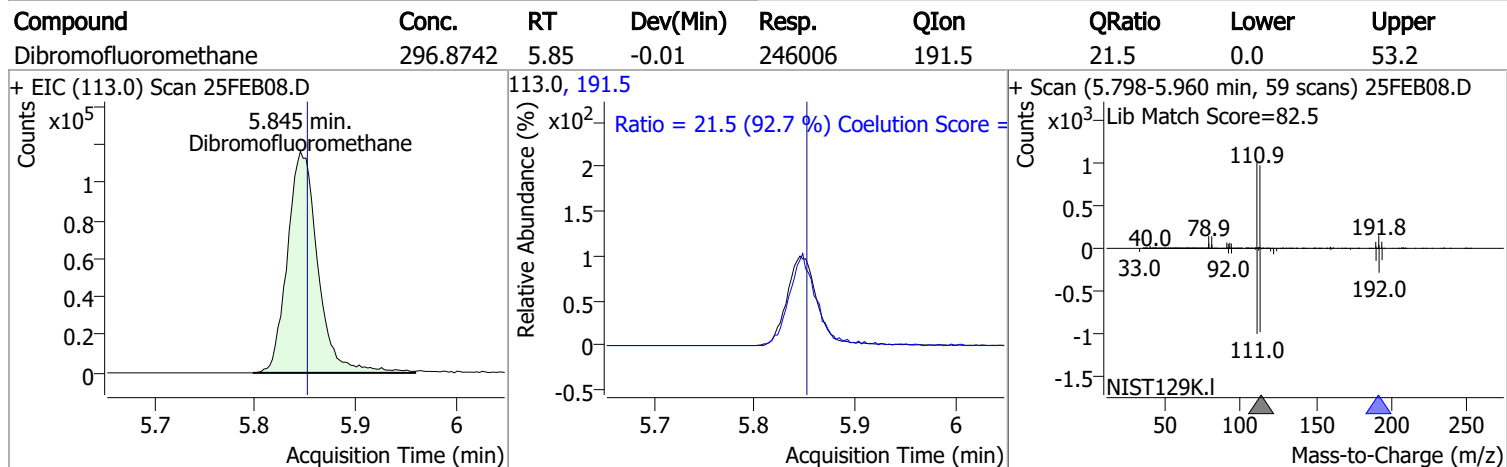
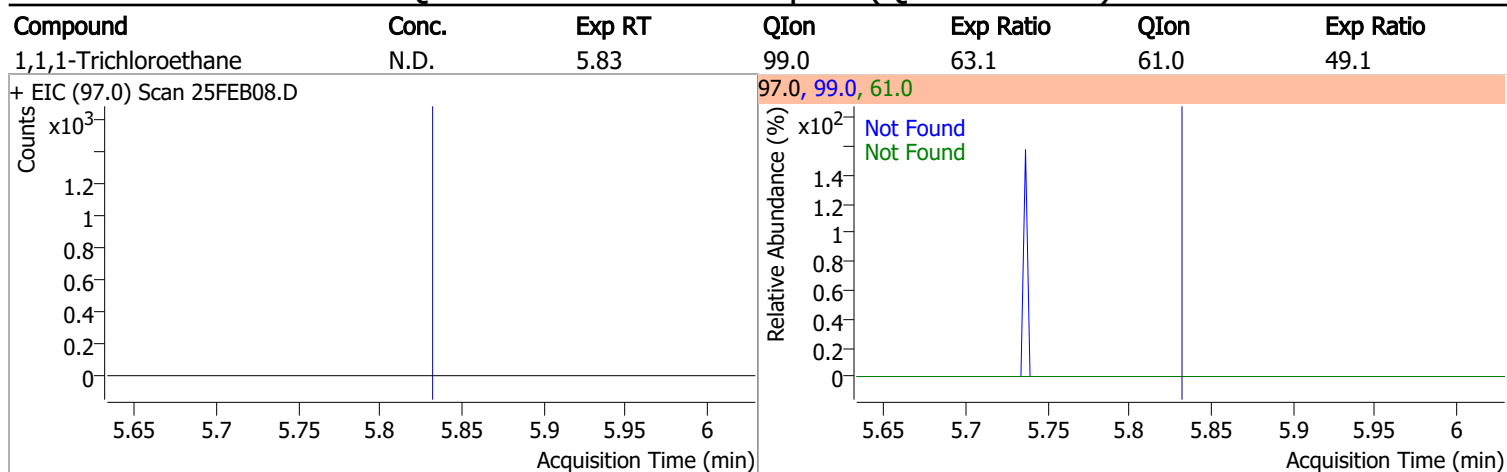
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|----------|------|--------|-------|-------|
| Chloroform | 1.1933 | 5.65 | 0.00 | 1981 (m) | 85.0 | 53.8 | 36.2 | 96.2 |

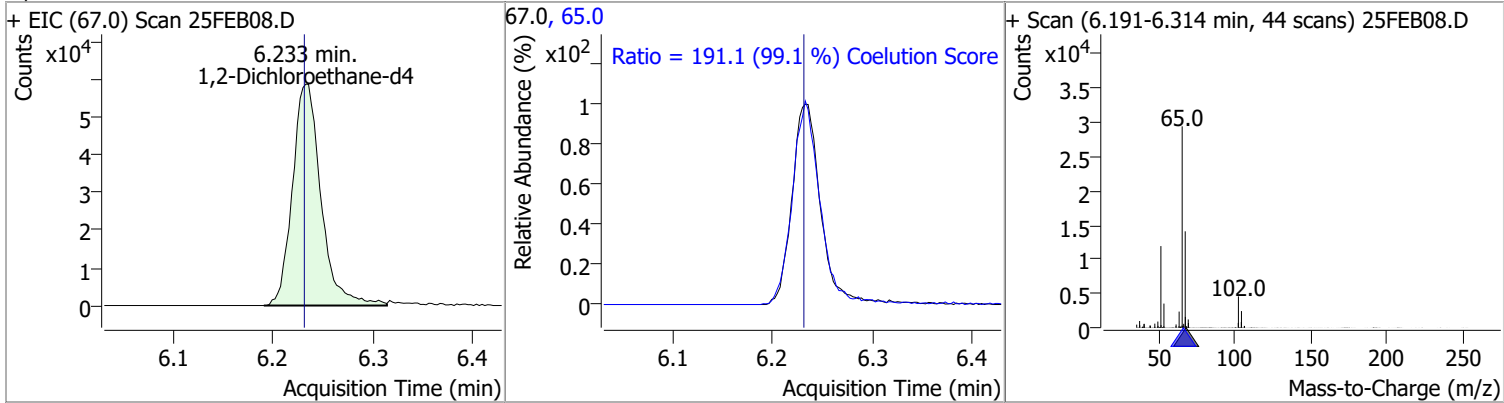


Quantitation Results Report (QT Reviewed)

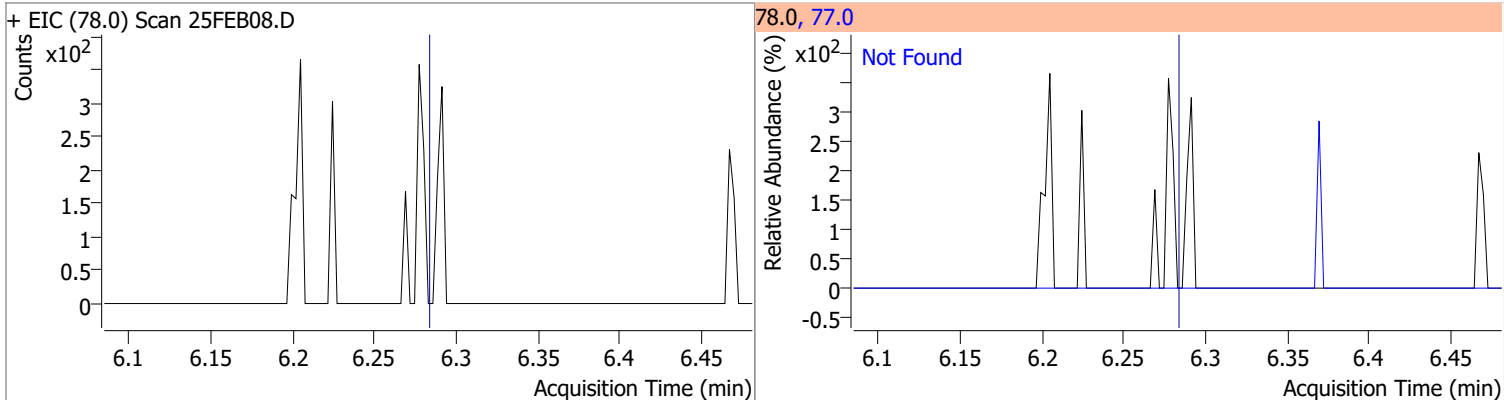


Quantitation Results Report (QT Reviewed)

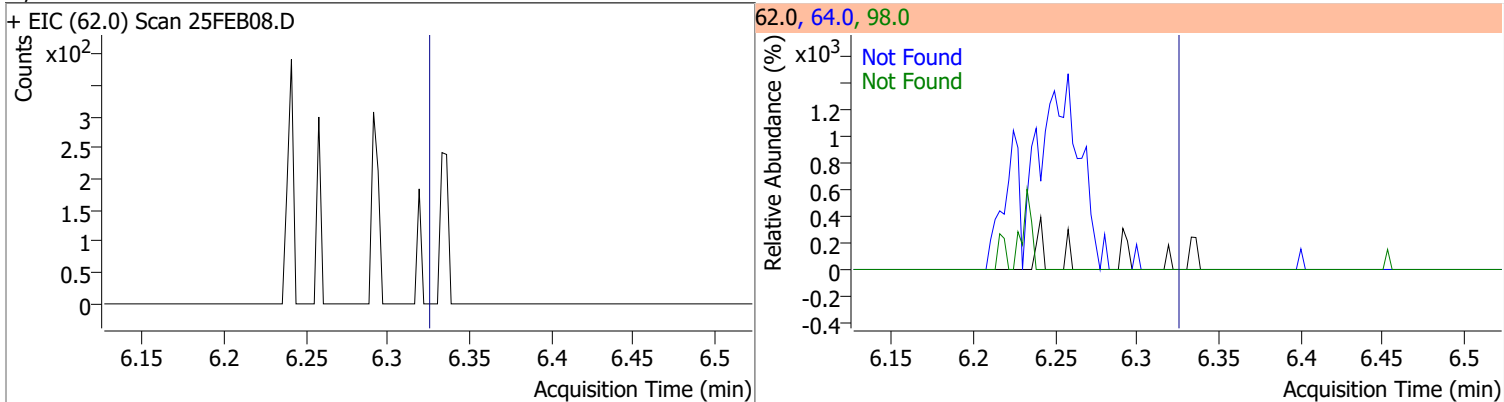
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 324.0448 | 6.23 | 0.00 | 115994 | 65.0 | 191.1 | 162.8 | 222.8 |



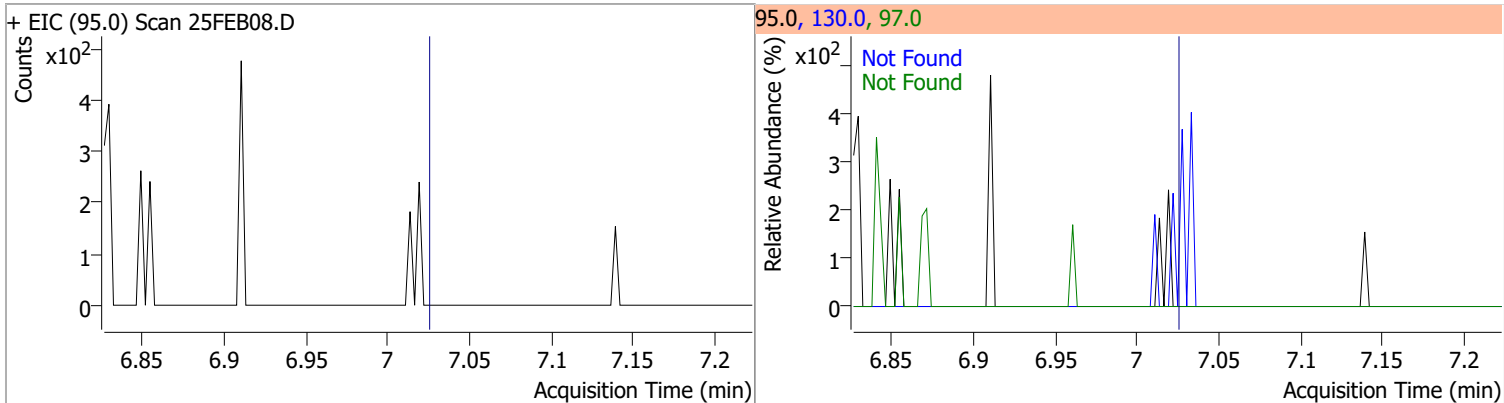
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



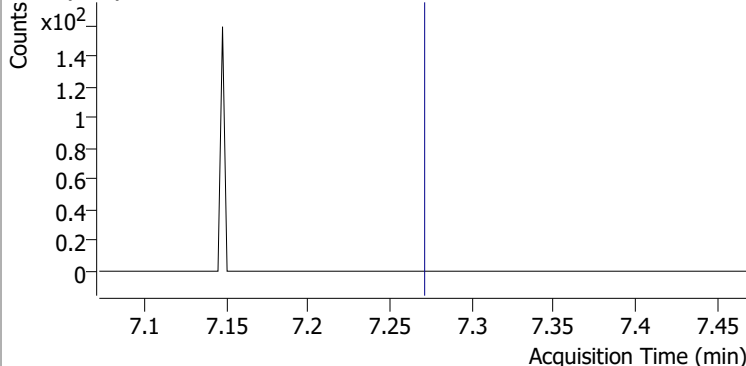
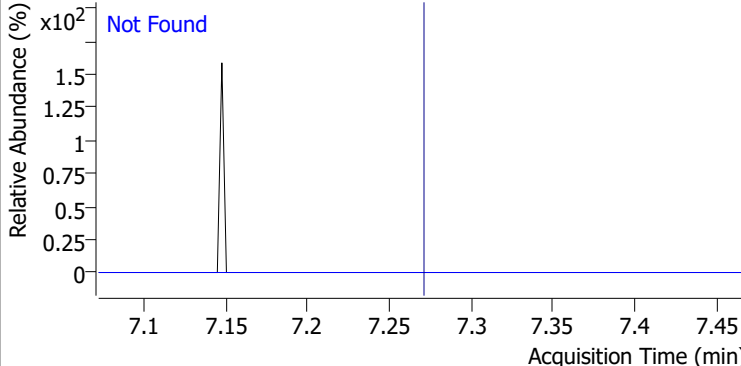
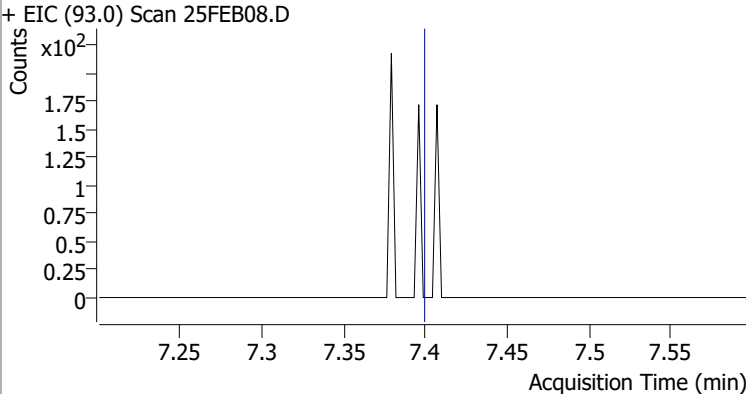
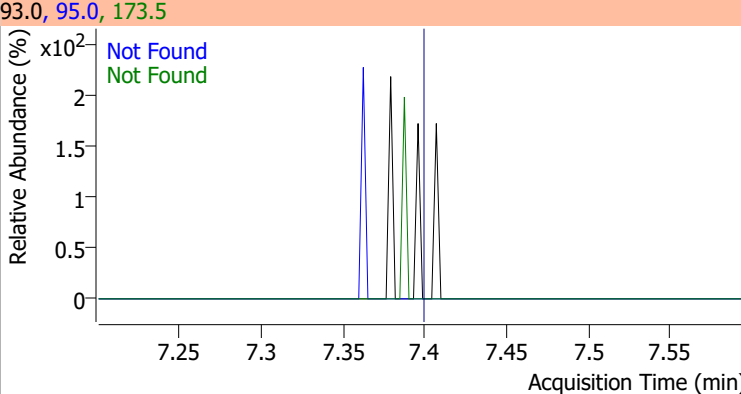
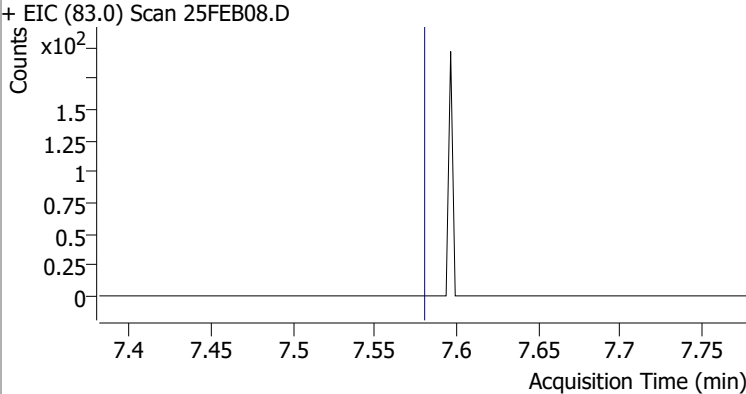
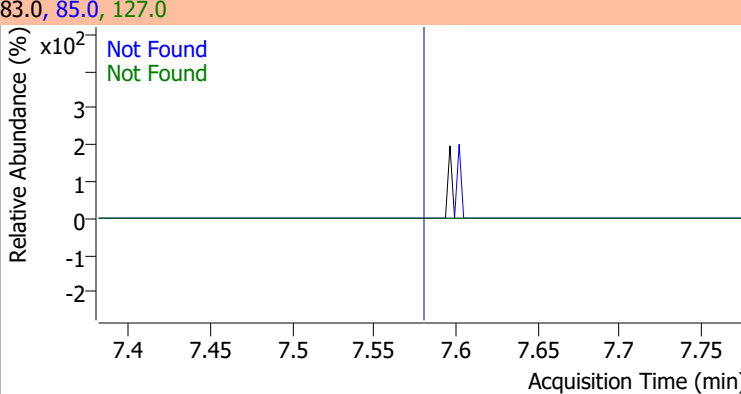
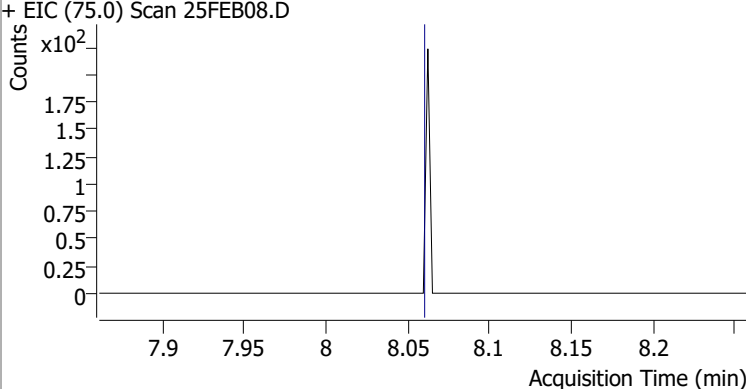
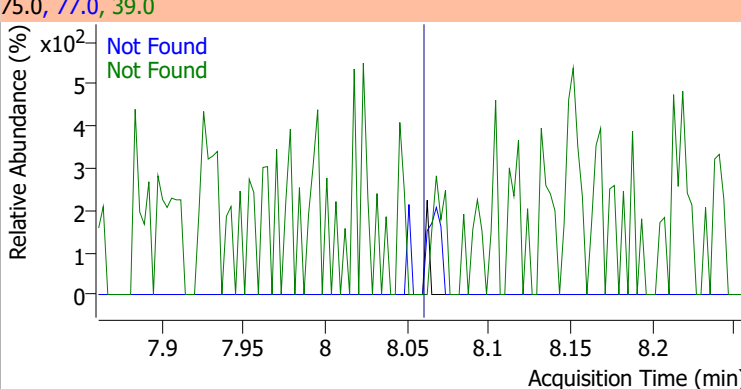
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

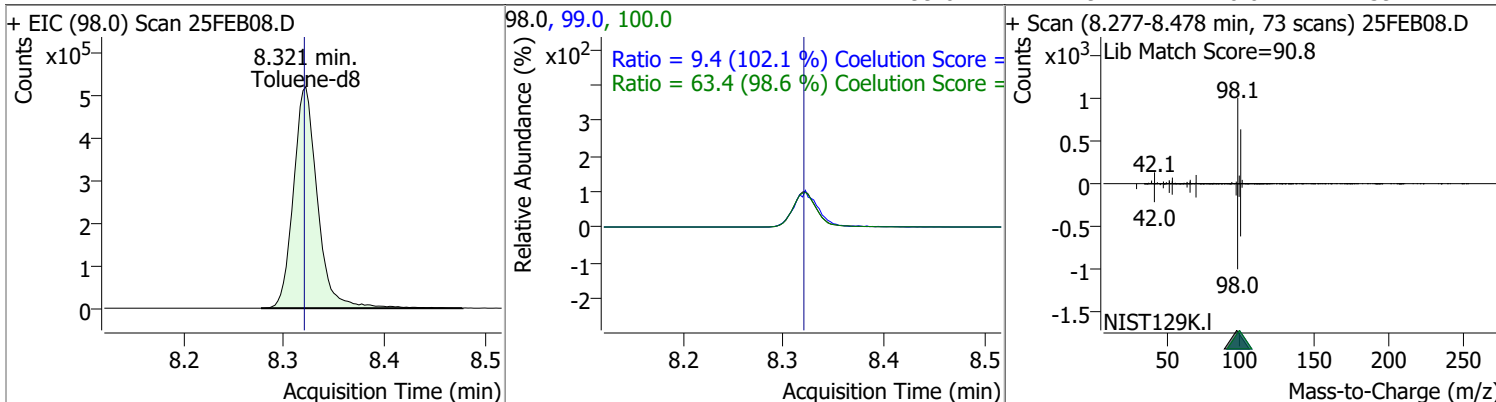


Quantitation Results Report (QT Reviewed)

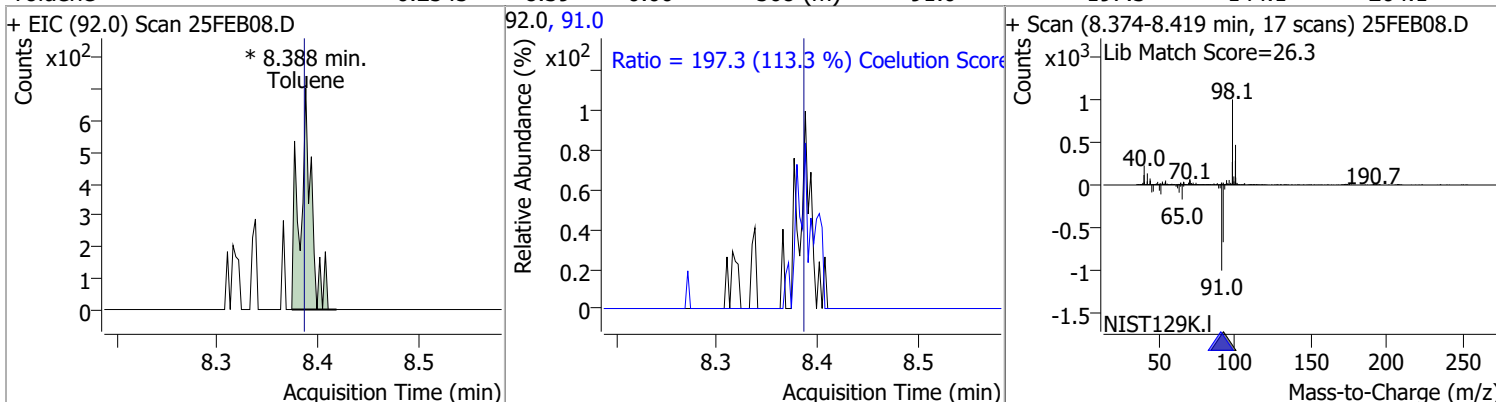
| Compound | Conc. | Exp RT | QIon | Exp Ratio | | |
|--|-------|--------|--|-----------|-------|------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 | | |
| + EIC (63.0) Scan 25FEB08.D | | | 63.0, 76.0 | | | |
|  | | |  | | | |
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |
| + EIC (93.0) Scan 25FEB08.D | | | 93.0, 95.0, 173.5 | | | |
|  | | |  | | | |
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |
| + EIC (83.0) Scan 25FEB08.D | | | 83.0, 85.0, 127.0 | | | |
|  | | |  | | | |
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |
| + EIC (75.0) Scan 25FEB08.D | | | 75.0, 77.0, 39.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

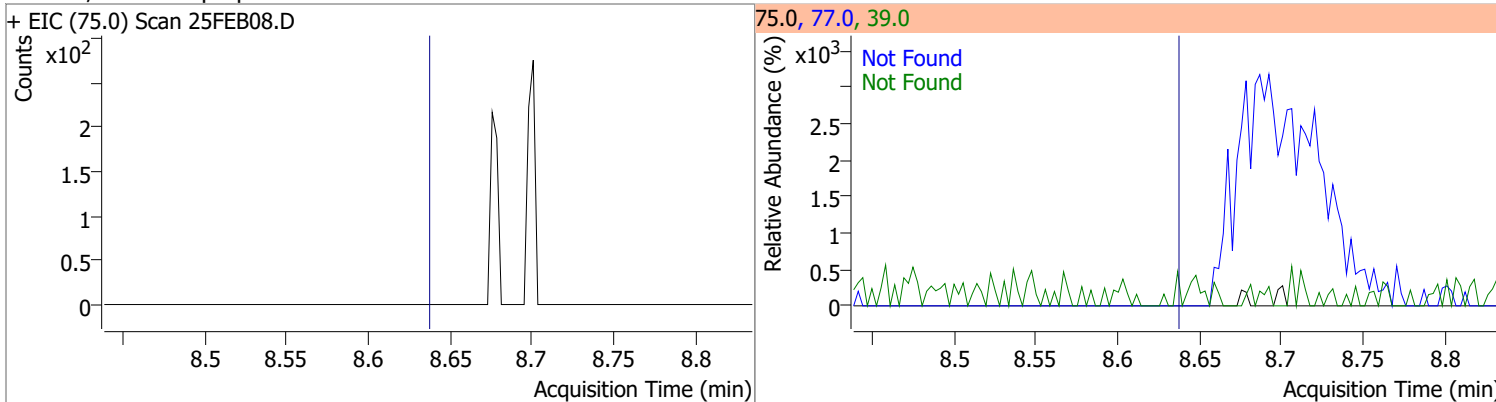
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 257.6515 | 8.32 | 0.00 | 863294 | 100.0 | 63.4 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |



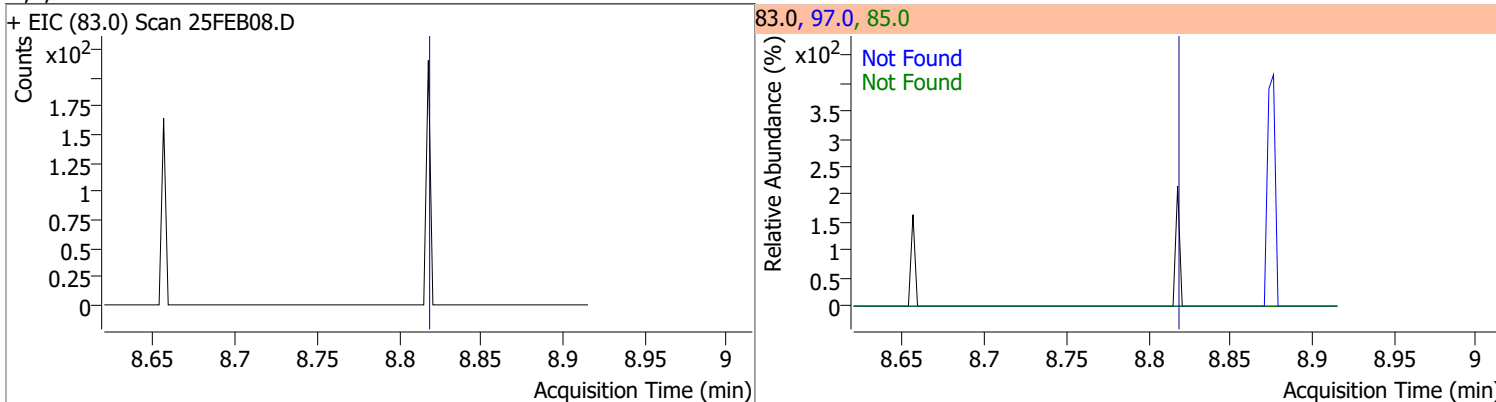
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|---------|------|--------|-------|-------|
| Toluene | 0.2545 | 8.39 | 0.00 | 568 (m) | 91.0 | 197.3 | 144.1 | 204.1 |



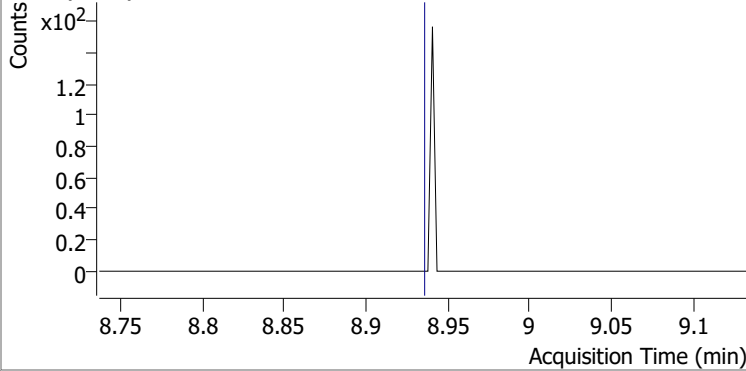
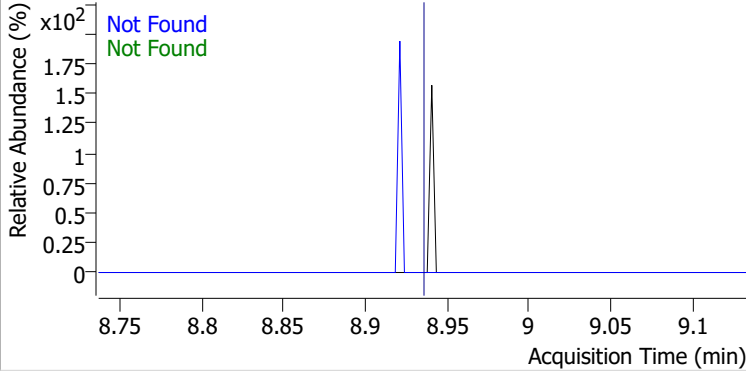
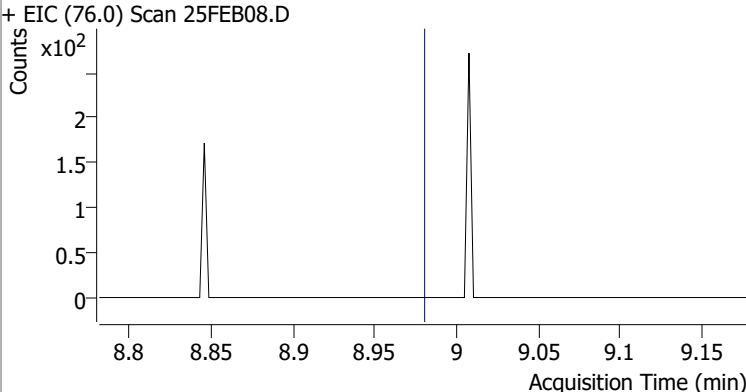
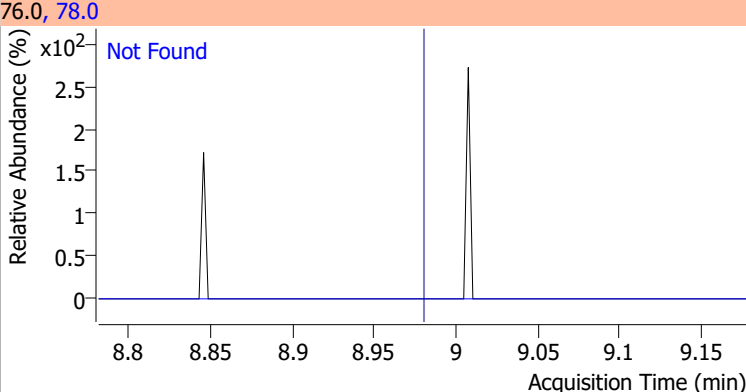
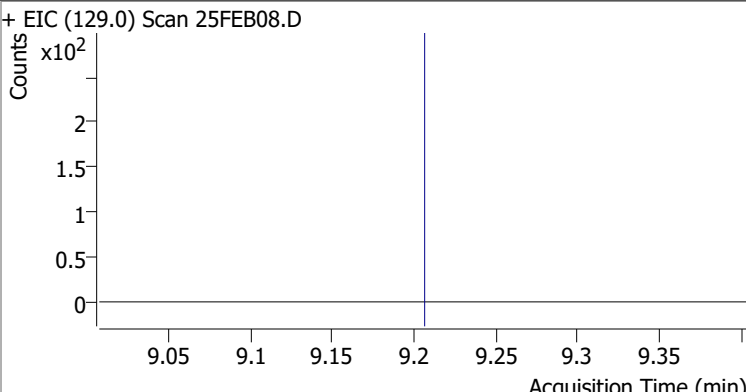
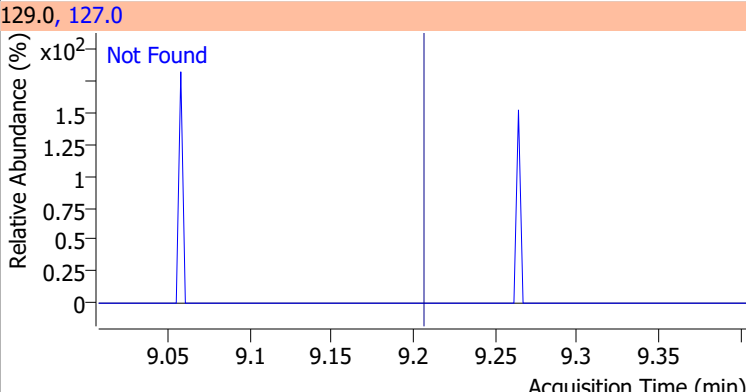
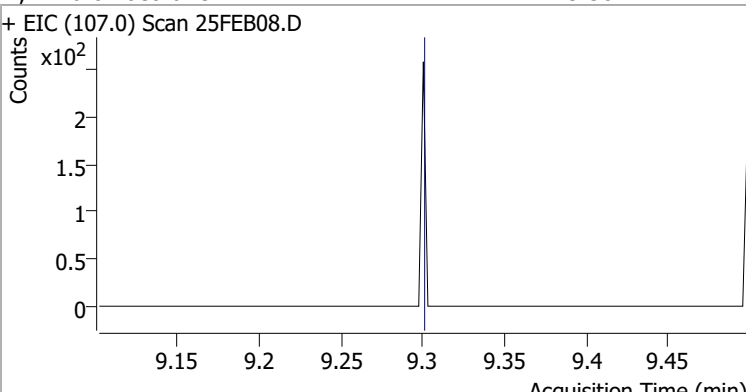
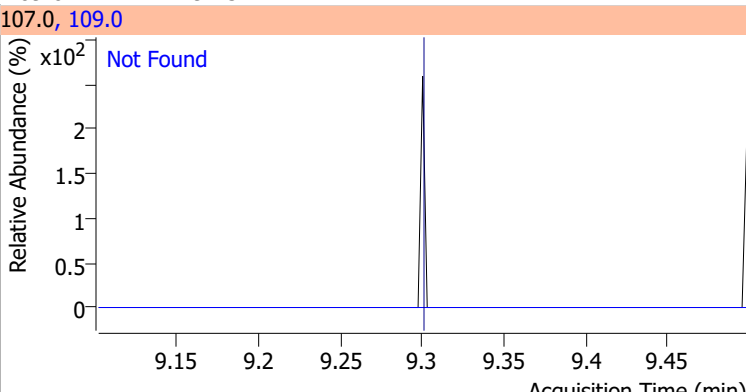
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |



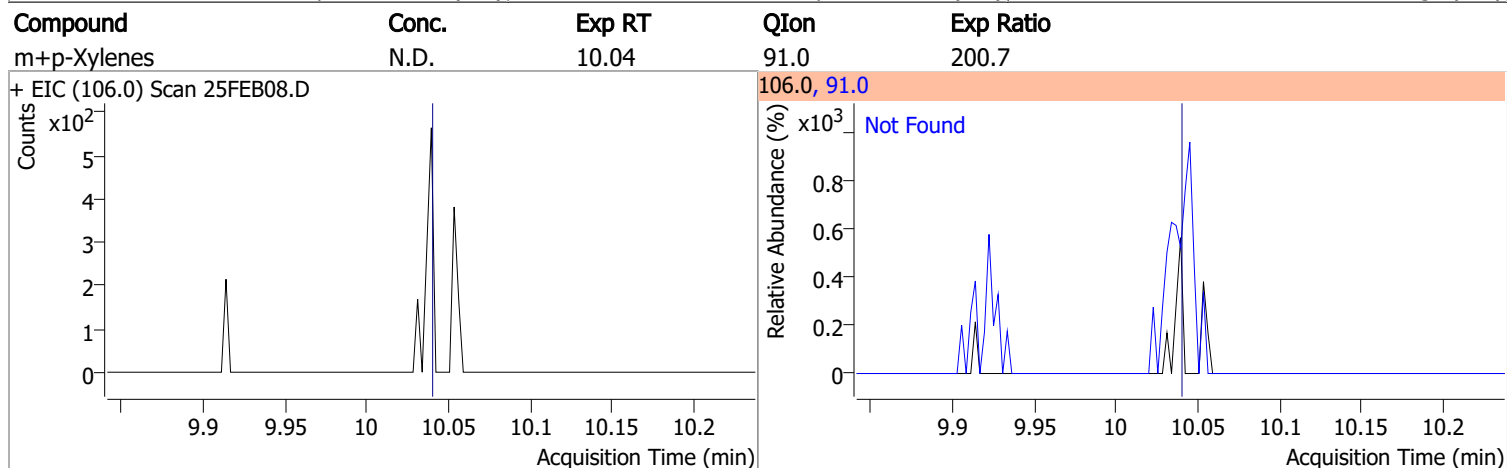
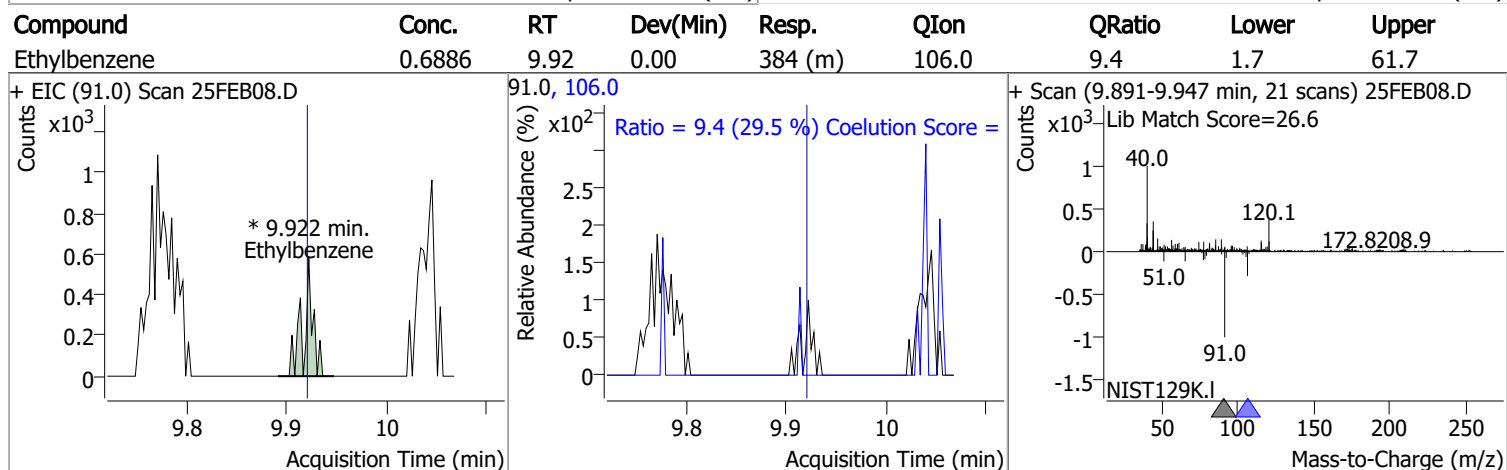
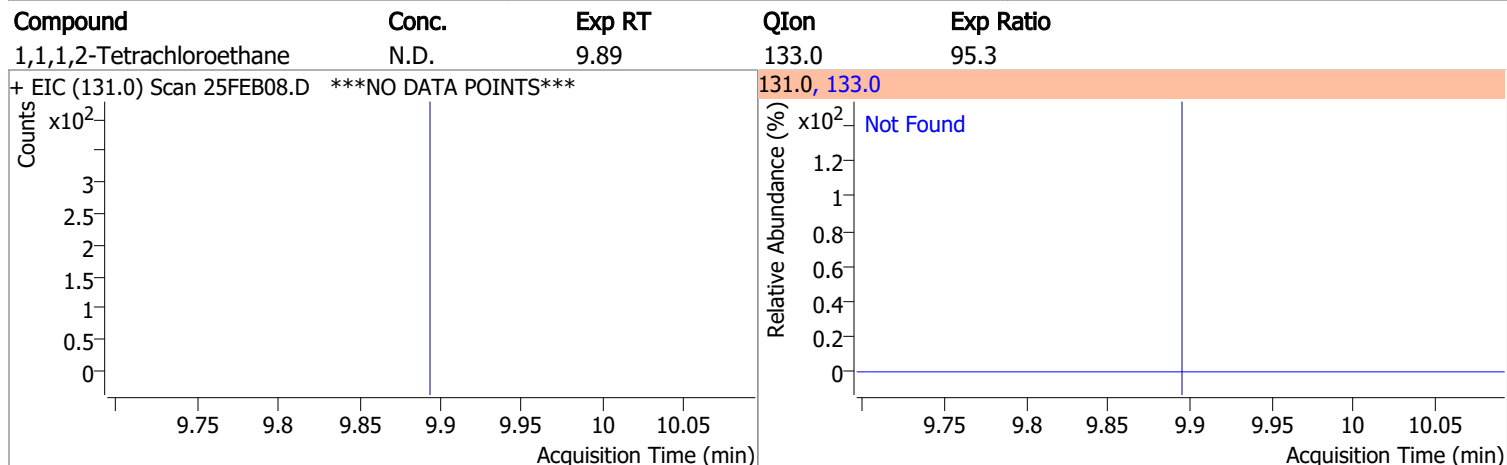
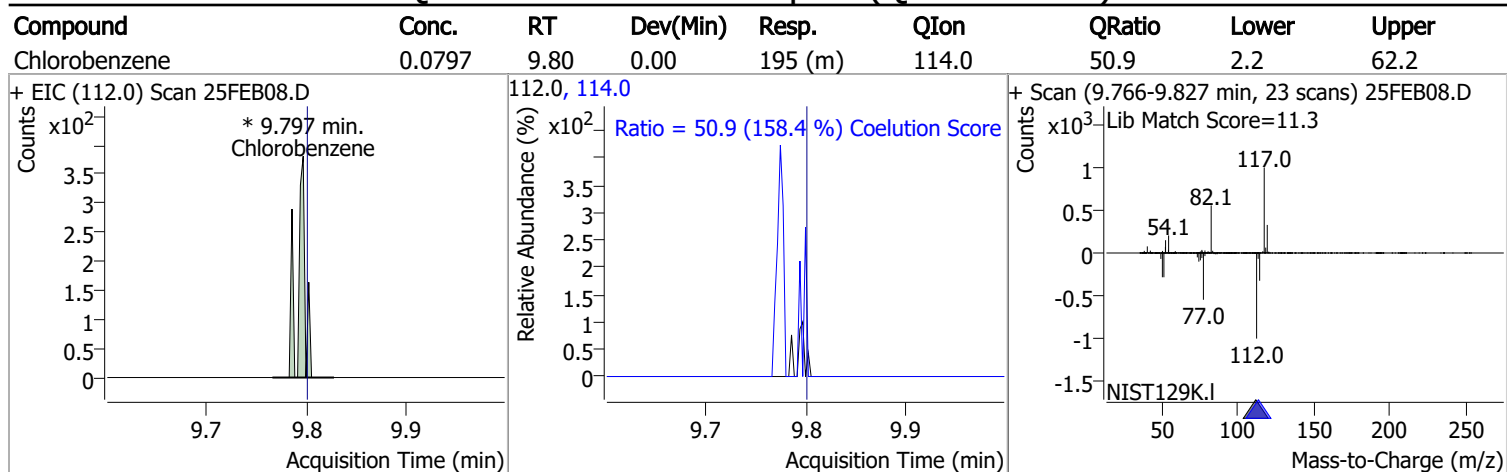
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |



Quantitation Results Report (QT Reviewed)

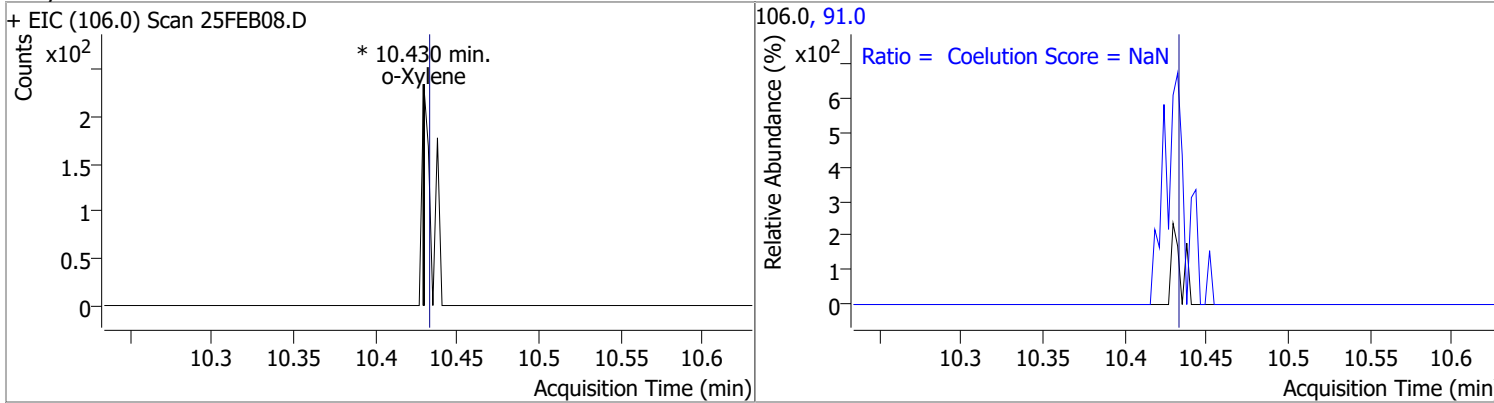
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |
| + EIC (163.8) Scan 25FEB08.D | | | 163.8, 129.0, 165.8 | | | |
|  | | |  | | | |
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 | | |
| + EIC (76.0) Scan 25FEB08.D | | | 76.0, 78.0 | | | |
|  | | |  | | | |
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 | | |
| + EIC (129.0) Scan 25FEB08.D | | | 129.0, 127.0 | | | |
|  | | |  | | | |
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 | | |
| + EIC (107.0) Scan 25FEB08.D | | | 107.0, 109.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

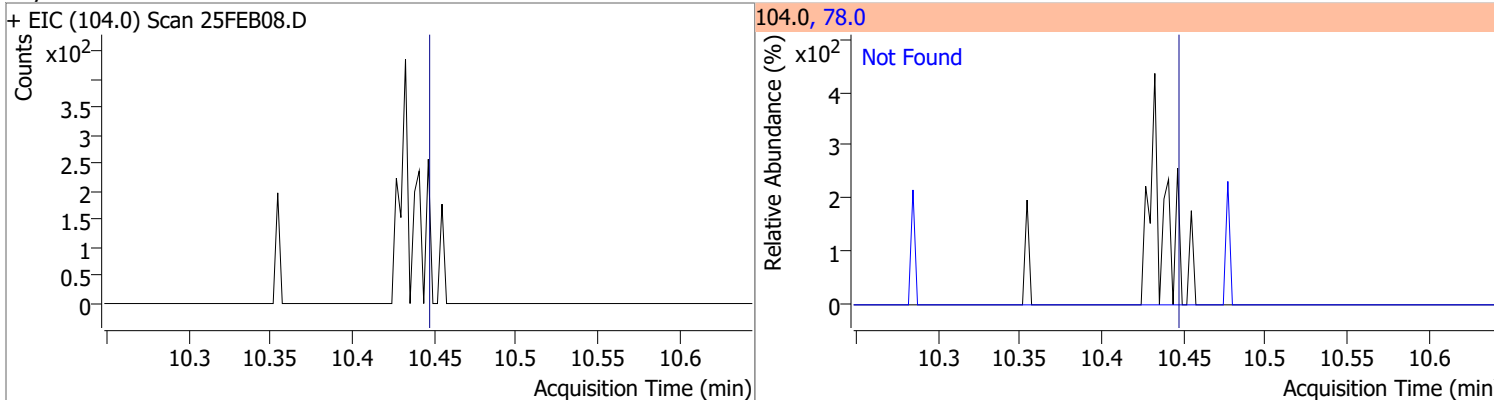


Quantitation Results Report (QT Reviewed)

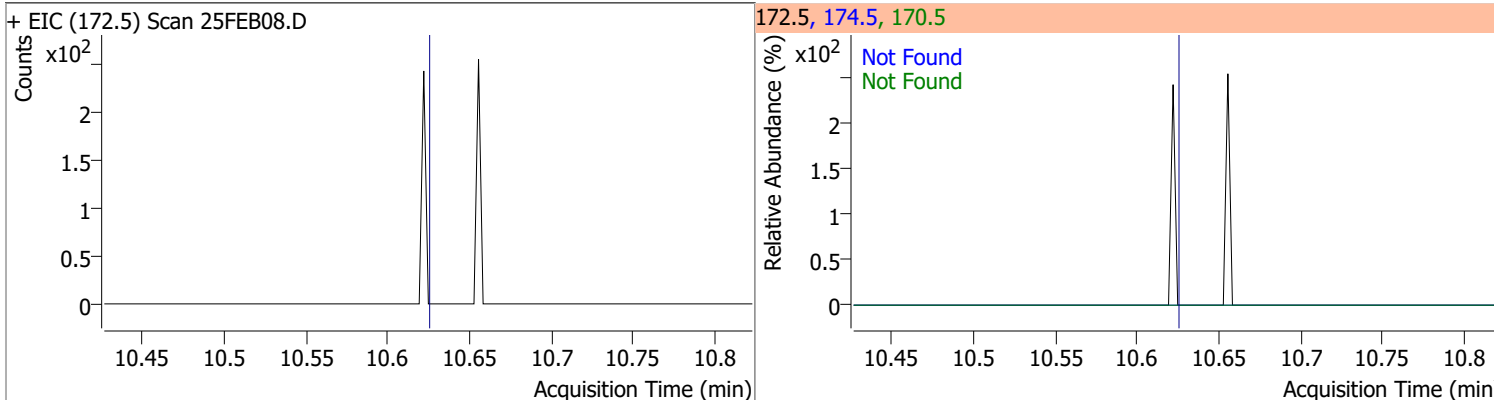
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
| o-Xylene | | 0 | | 0 | 91.0 | | 181.4 | 241.4 |



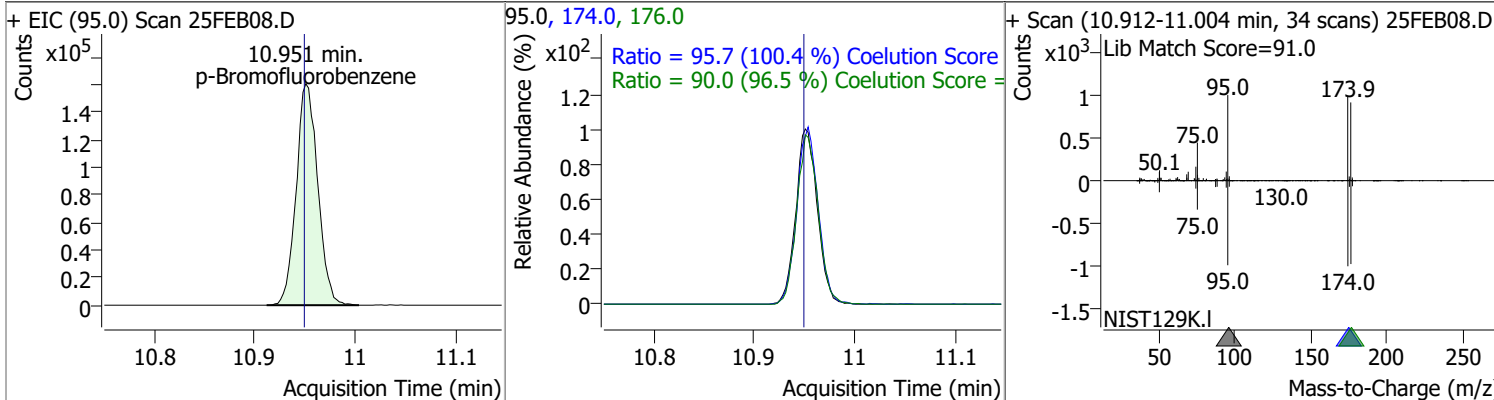
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



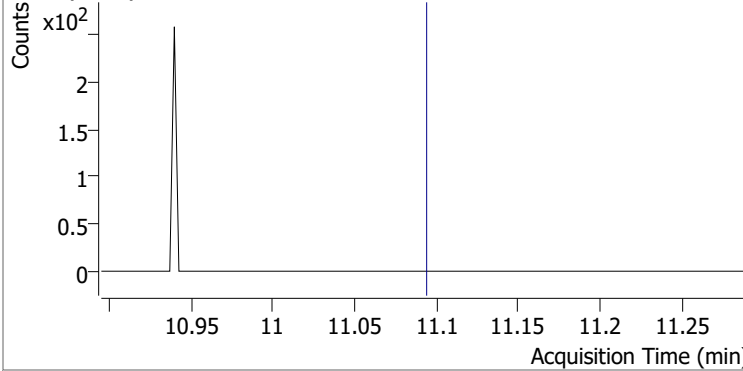
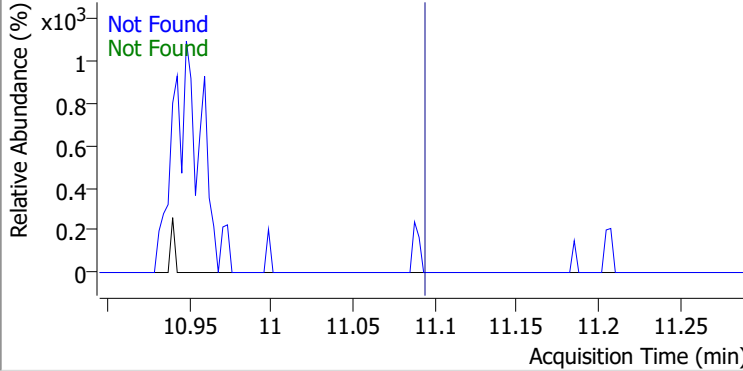
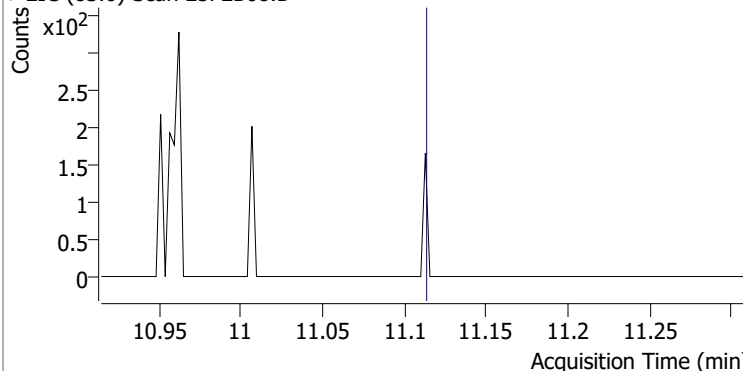
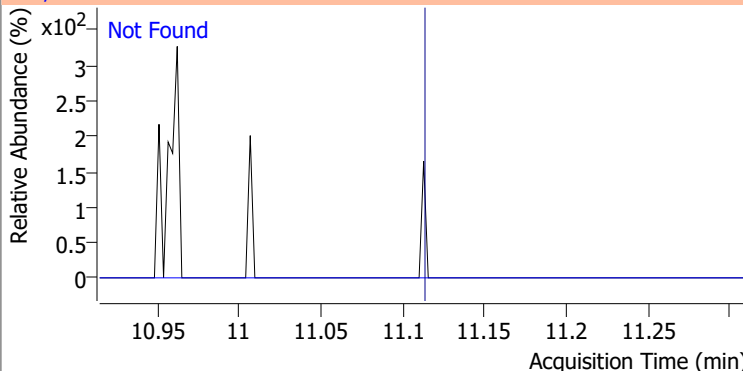
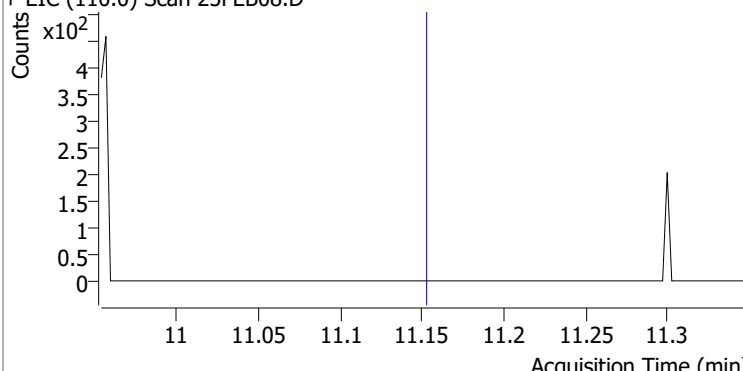
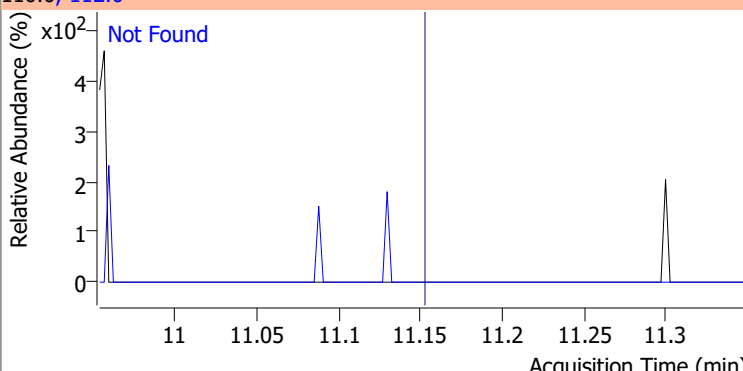
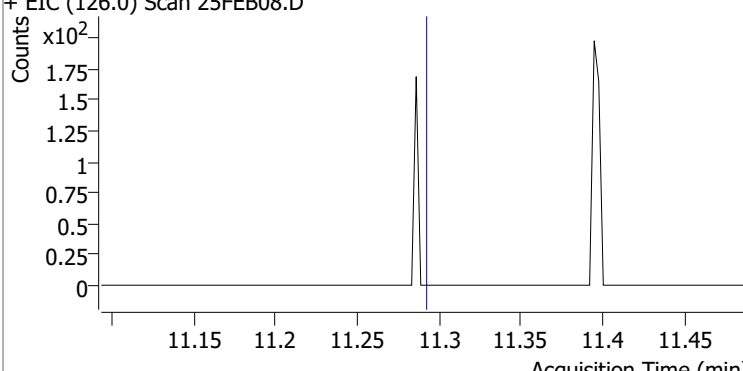
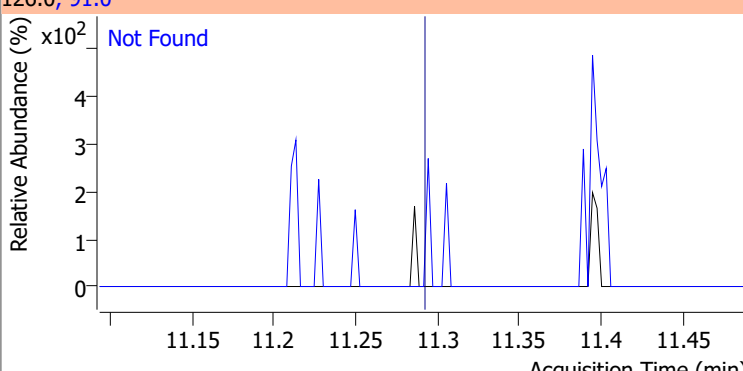
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



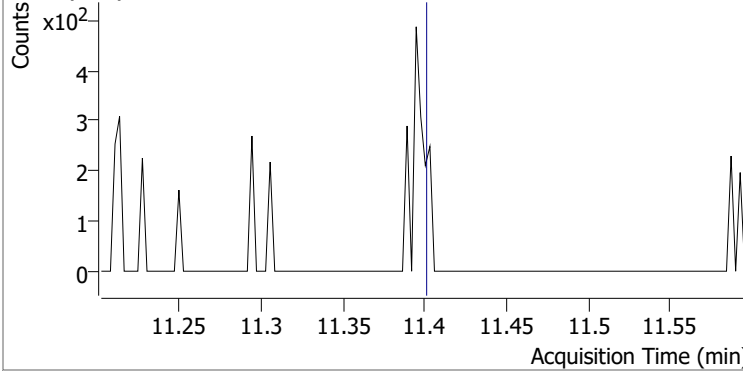
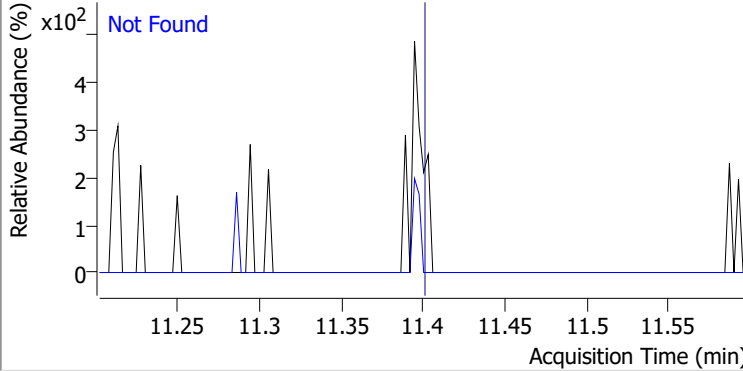
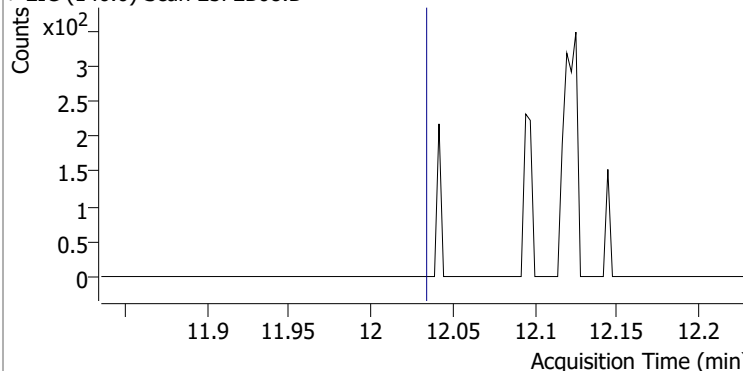
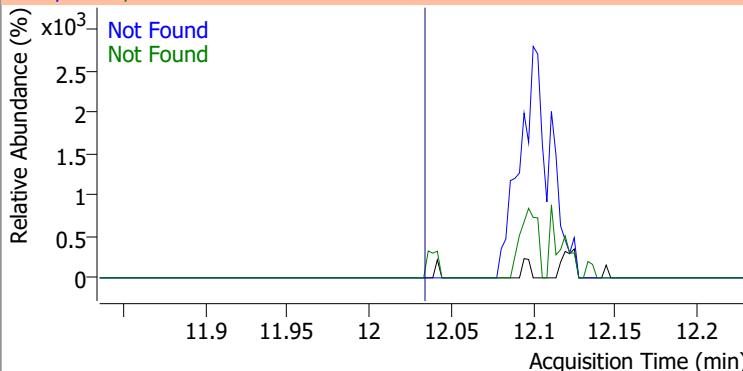
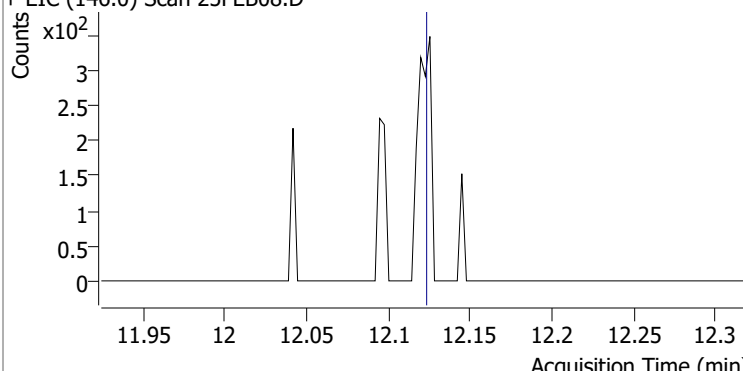
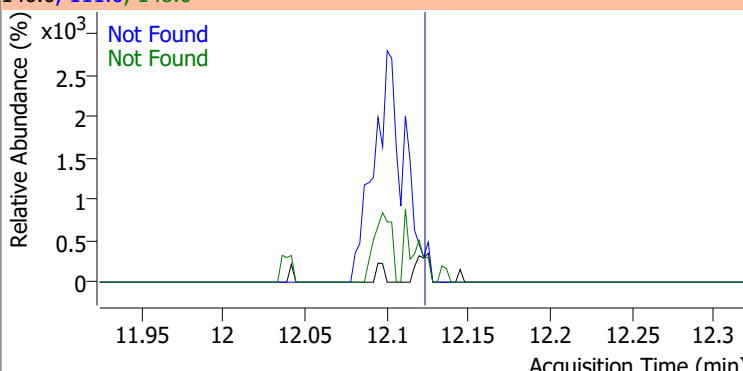
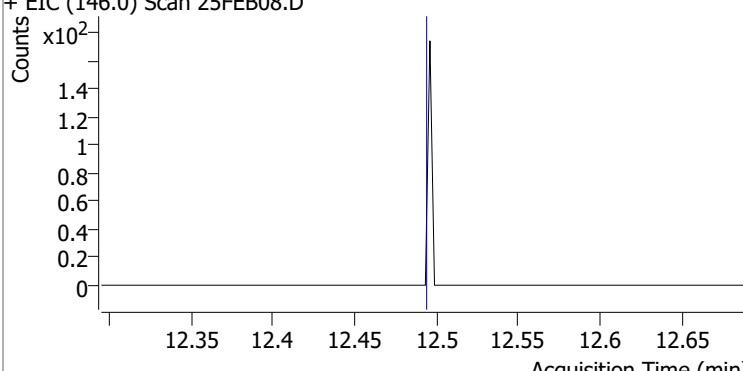
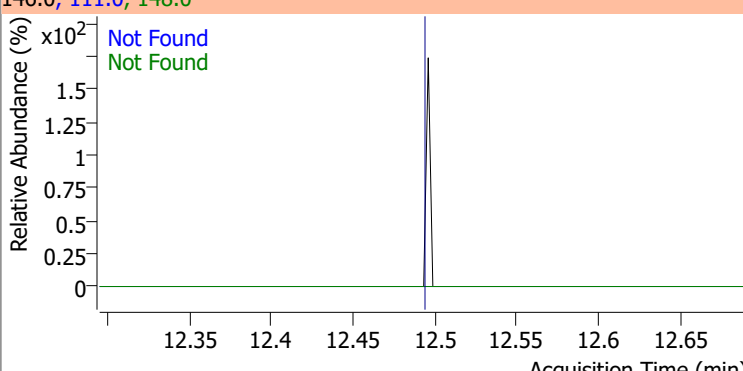
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 281.6806 | 10.95 | 0.00 | 239259 | 174.0 | 95.7 | 65.3 | 125.3 |
| | | | | | 176.0 | 90.0 | 63.3 | 123.3 |



Quantitation Results Report (QT Reviewed)

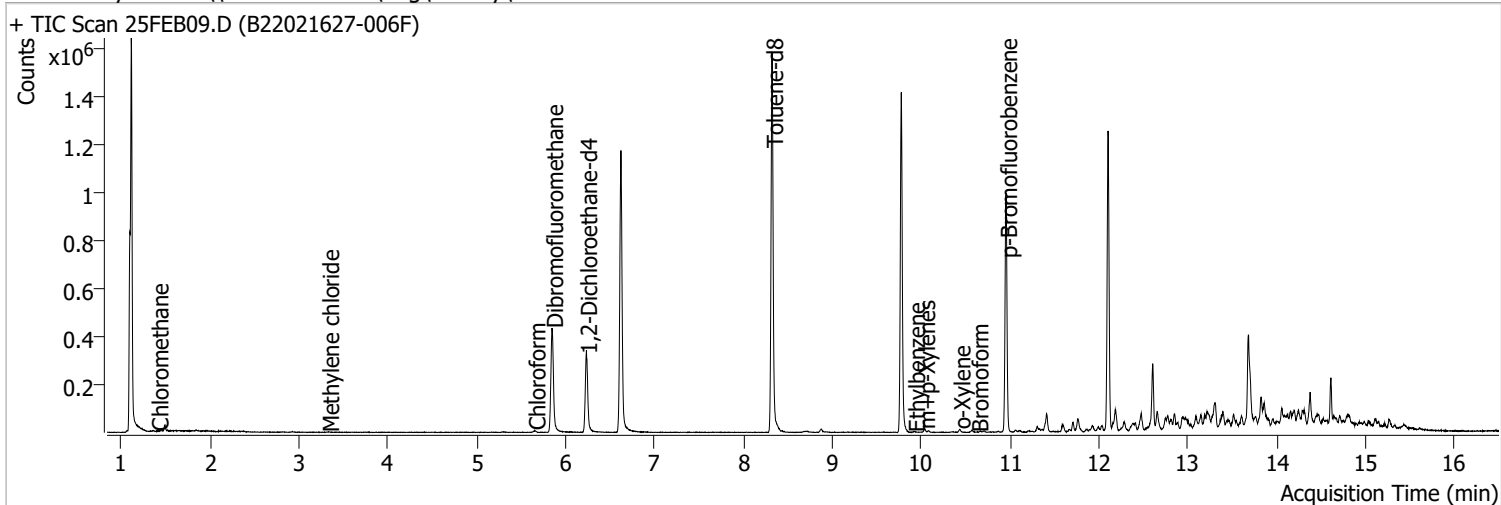
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB08.D | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB08.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB08.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB08.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------------|-------|--------|--|-----------|-------------|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 | 91.0, 126.0 | |
| + EIC (91.0) Scan 25FEB08.D | | |  | | | |
| | | |  | | | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | 111.0 | 38.7 |
| + EIC (146.0) Scan 25FEB08.D | | |  | | | |
| | | |  | | | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | 111.0 | 38.7 |
| + EIC (146.0) Scan 25FEB08.D | | |  | | | |
| | | |  | | | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | 111.0 | 39.5 |
| + EIC (146.0) Scan 25FEB08.D | | |  | | | |
| | | |  | | | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB09.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 1:58:13 PM |
| Sample Name | B22021627-006F | Instrument | VOA5975C |
| Vial | 9 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|----------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 968073 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 379373 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 292030 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 269330 | 287.2368 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 114.89% | | |
| S 1,2-Dichloroethane-d4 | 6.230 | 67.0 | 120157 | 296.6519 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 118.66% * | | |
| S Toluene-d8 | 8.321 | 98.0 | 987515 | 266.8131 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 106.73% | | |
| S p-Bromofluorobenzene | 10.954 | 95.0 | 276216 | 256.1724 | ng | 0.005 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 102.47% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.408 | 50.0 | 923 | 0.6023 | ng | m 71 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.327 | 49.0 | 1112 | 0.7857 | ng | m 71 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.647 | 83.0 | 5122 | 2.7260 | ng | 96 |

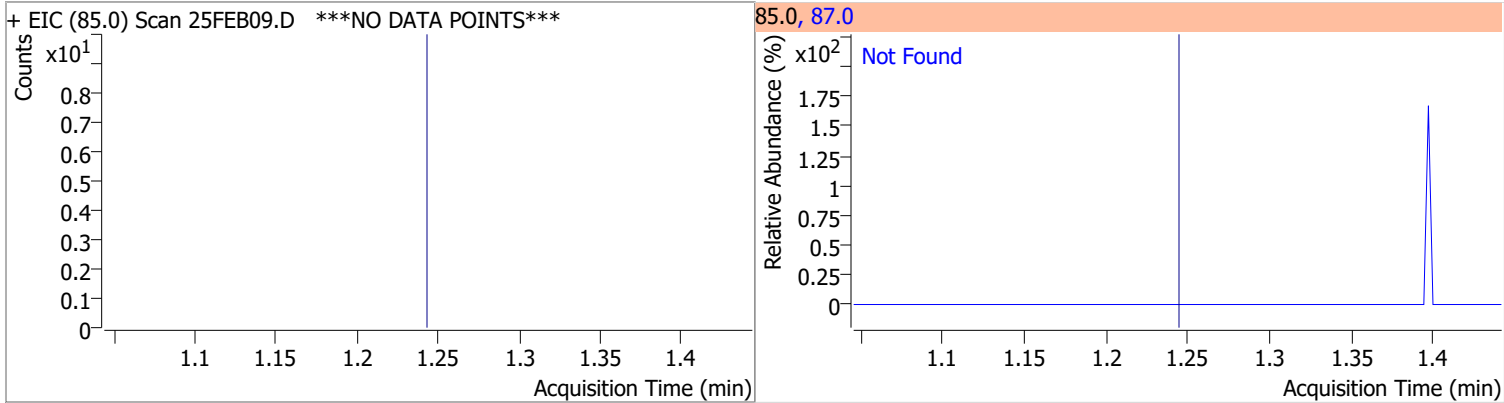
Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|------------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 8.386 | 92.0 | 0 | | ng md | 1 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 9.919 | 91.0 | 2469 | 1.1355 | ng | 96 |
| T m+p-Xylenes | 10.031 | 106.0 | 3128 | 3.4845 | ng | 92 |
| T o-Xylene | 10.430 | 106.0 | 2704 | 2.6611 | ng | 93 |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 10.630 | 172.5 | 214 | 0.5456 | ng m | 74 |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

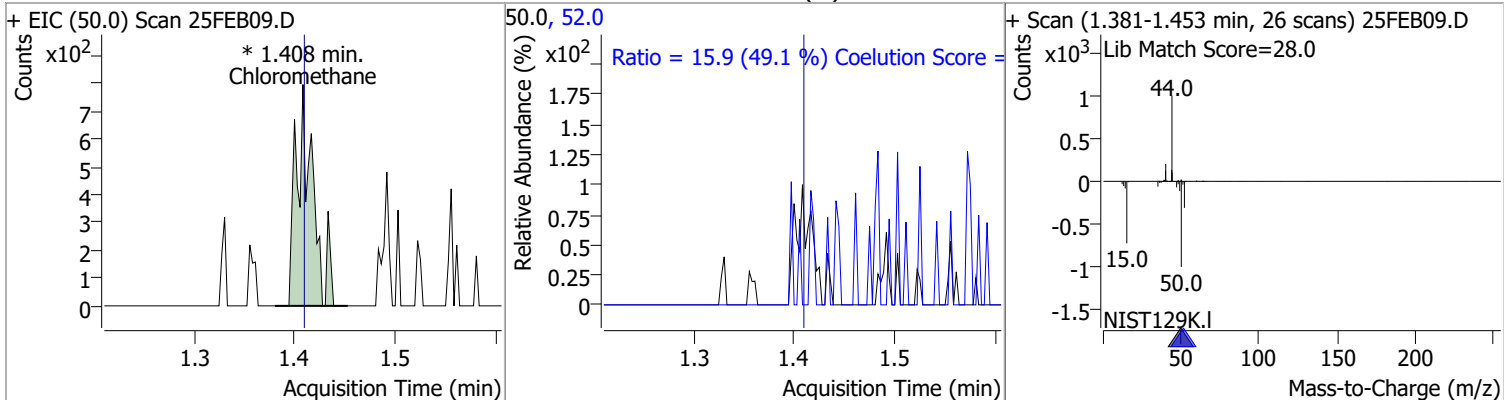
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

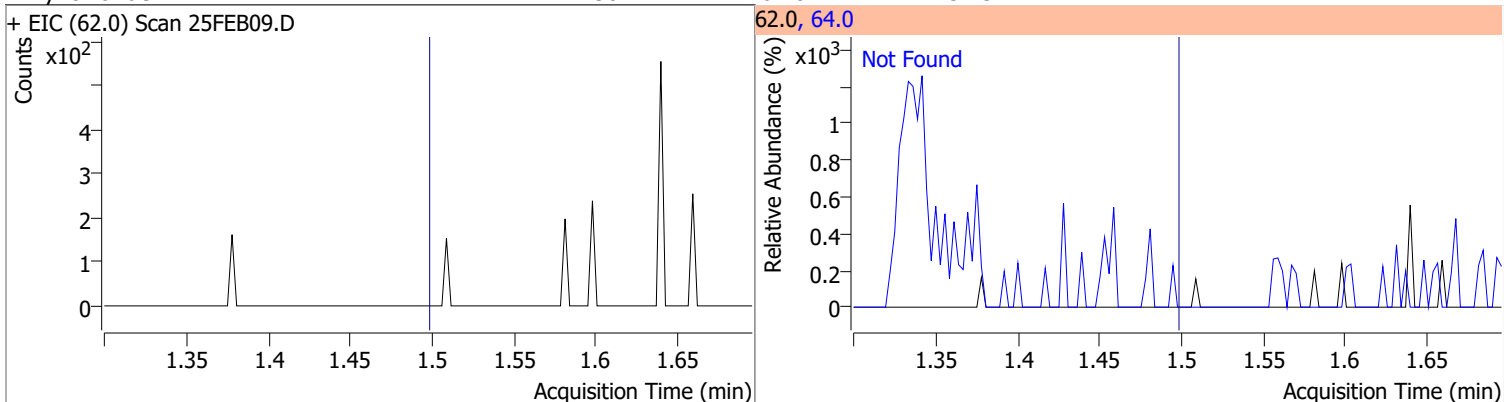
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------------|-------|--------|------|-----------|
| Dichlorodifluoromethane | N.D. | 1.24 | 87.0 | 31.8 |



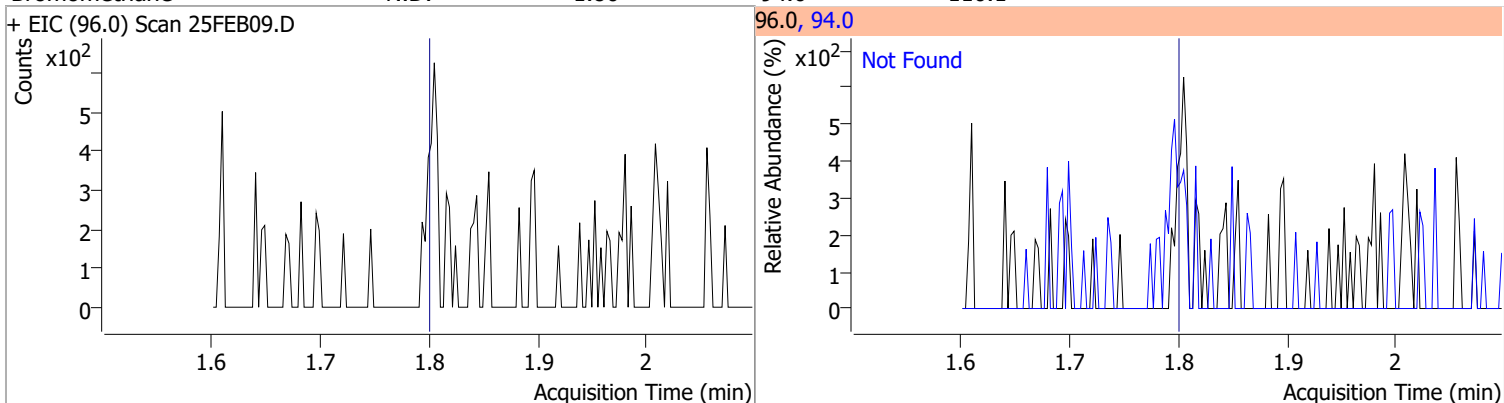
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|--------|------|----------|---------|------|--------|-------|-------|
| Chloromethane | 0.6023 | 1.41 | 0.00 | 923 (m) | 52.0 | 15.9 | 2.4 | 62.4 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------|-------|--------|------|-----------|
| Vinyl chloride | N.D. | 1.50 | 64.0 | 31.3 |

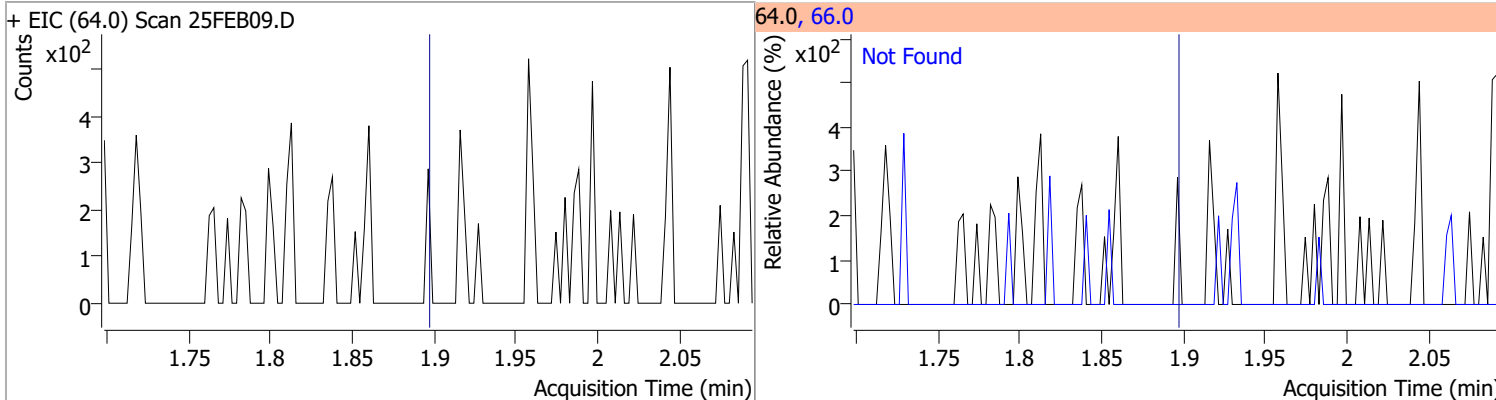


| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Bromomethane | N.D. | 1.80 | 94.0 | 110.1 |

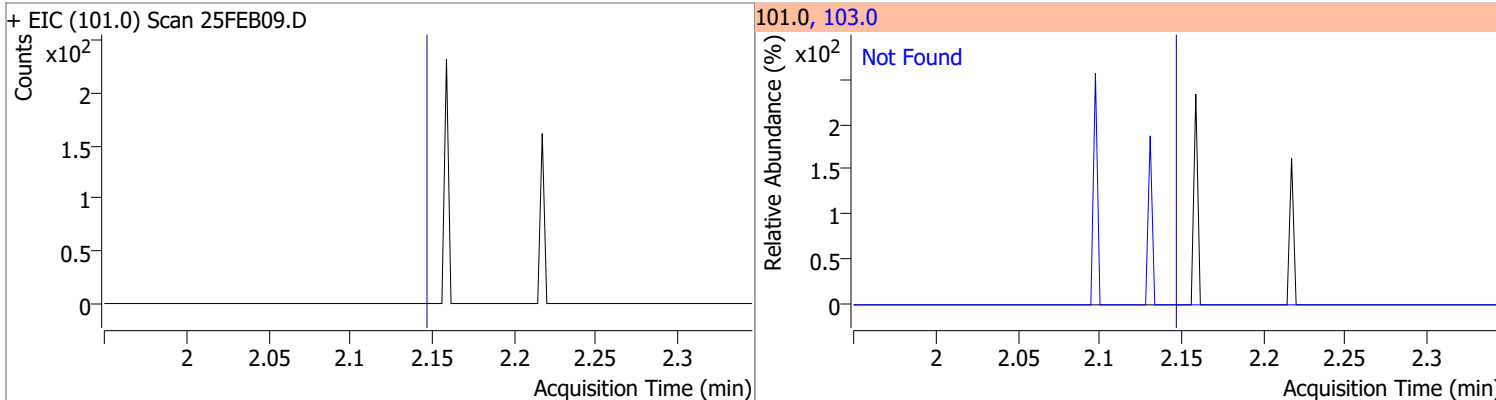


Quantitation Results Report (QT Reviewed)

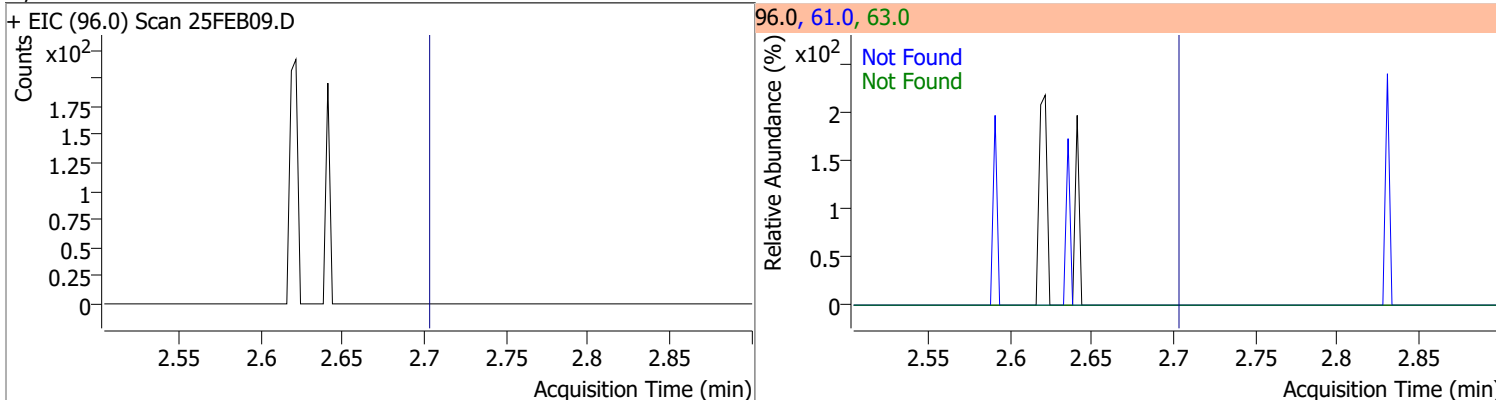
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



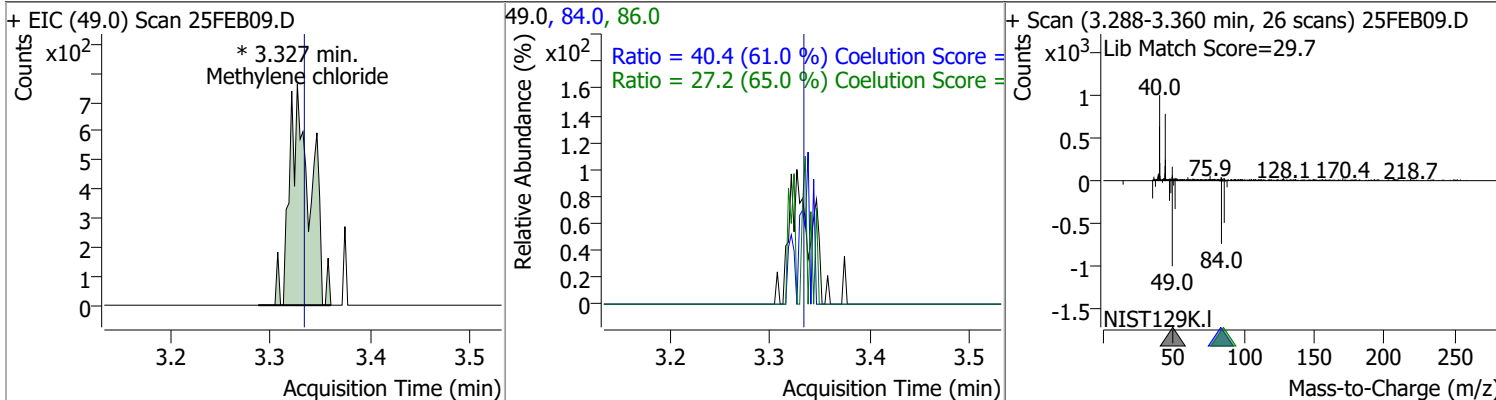
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



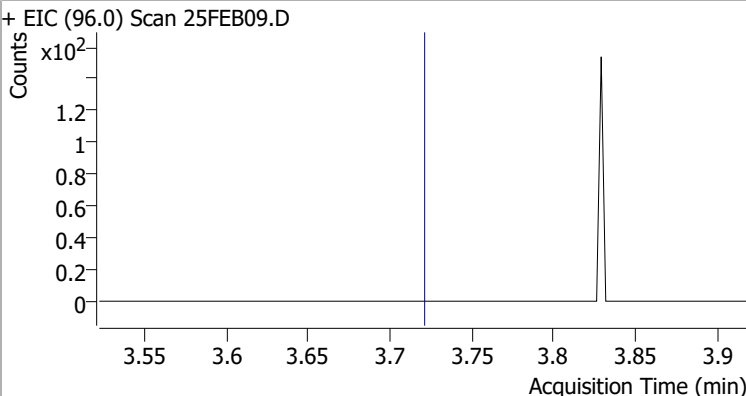
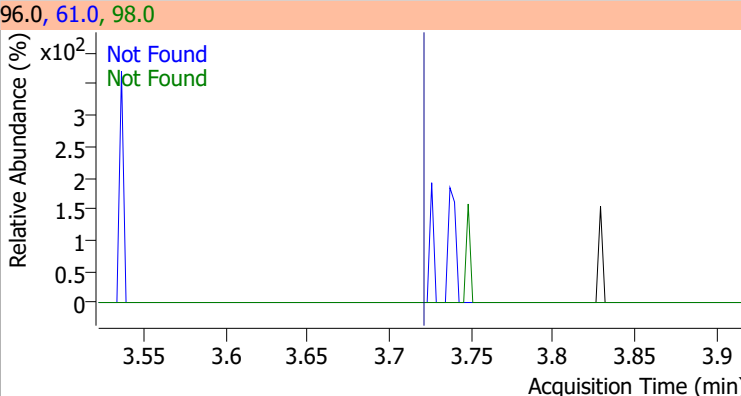
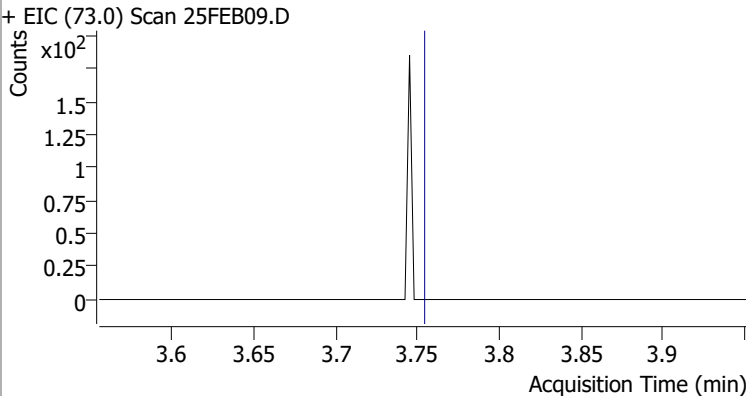
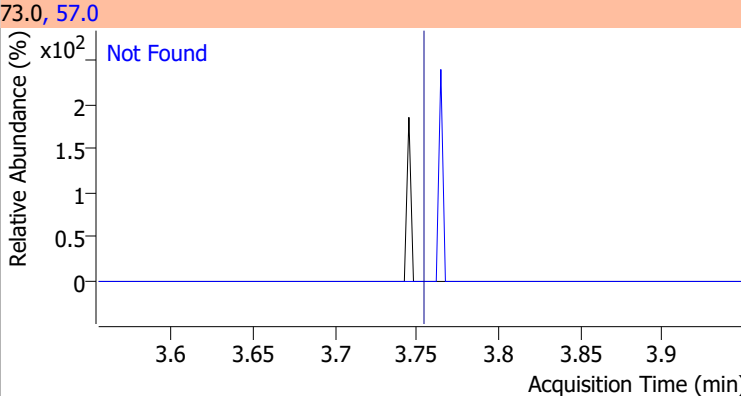
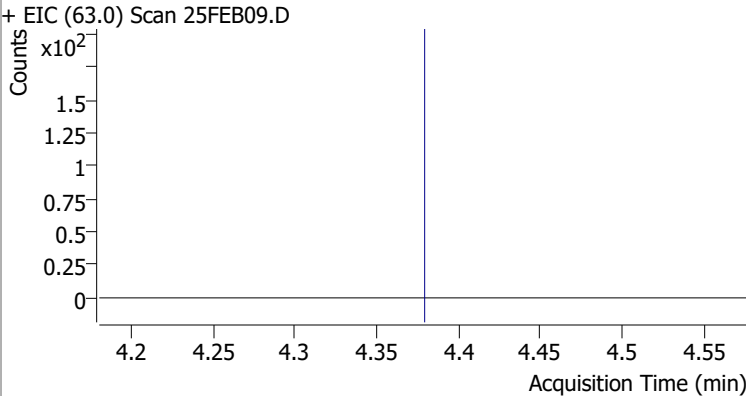
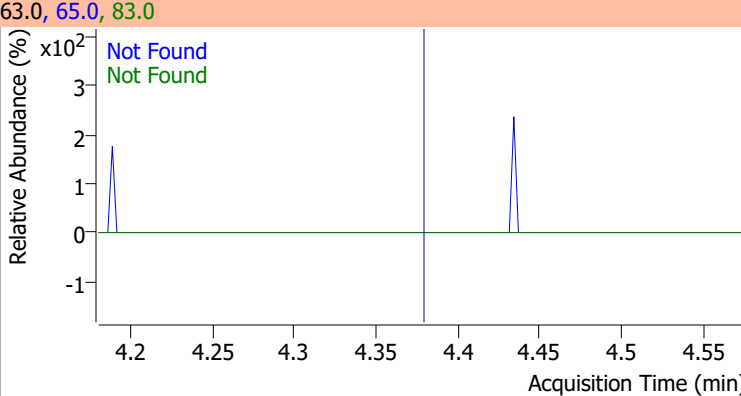
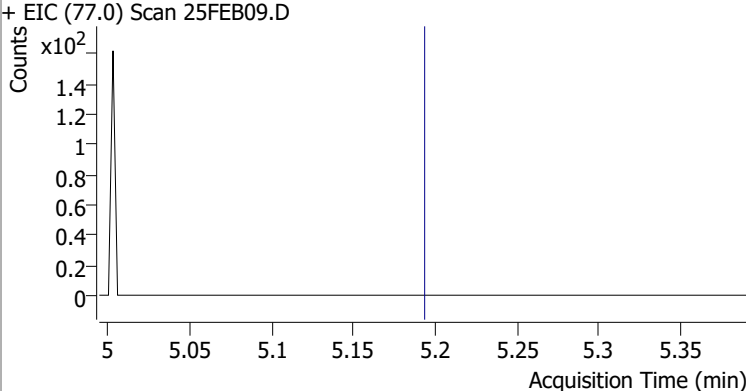
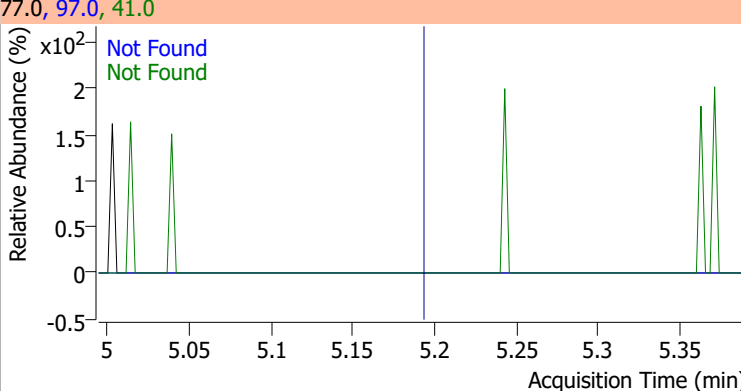
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 0.7857 | 3.33 | -0.01 | 1112 (m) | 84.0 | 40.4 | 36.1 | 96.1 |
| | | | | | 86.0 | 27.2 | 11.8 | 71.8 |

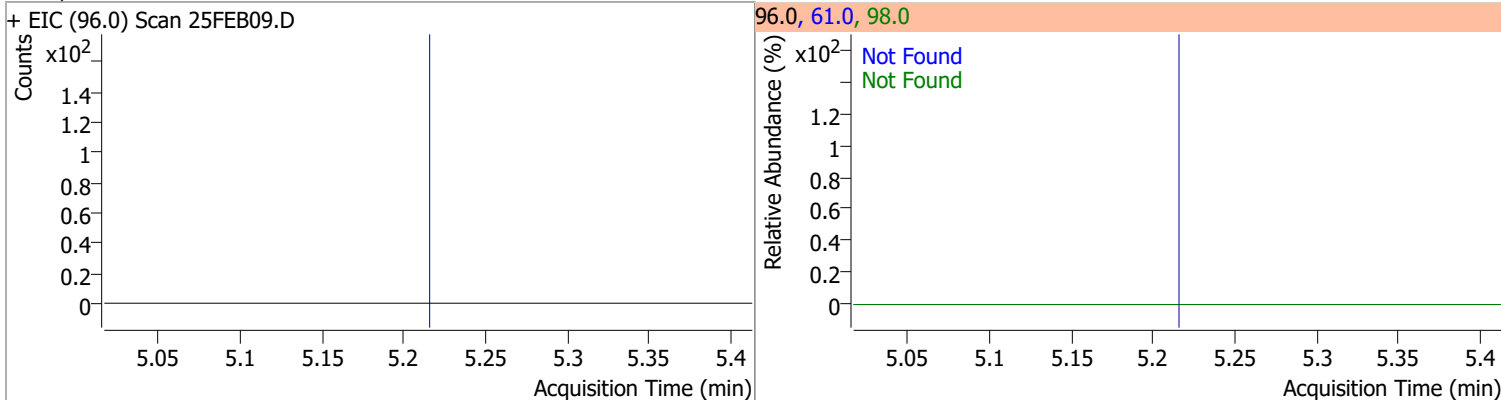


Quantitation Results Report (QT Reviewed)

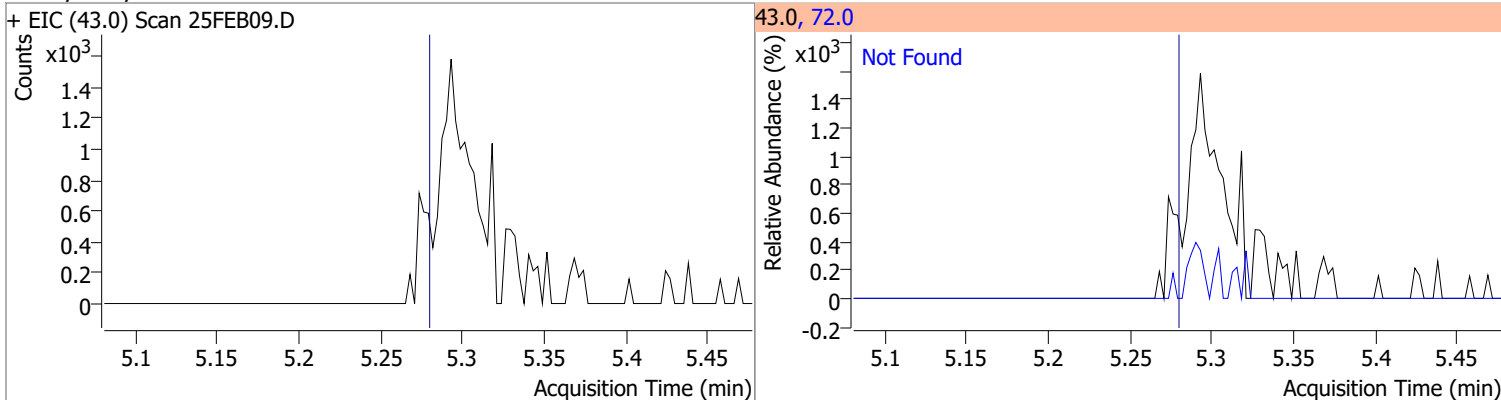
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |
| + EIC (96.0) Scan 25FEB09.D | | | 96.0, 61.0, 98.0 | | | |
|  | | |  | | | |
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 | | |
| + EIC (73.0) Scan 25FEB09.D | | | 73.0, 57.0 | | | |
|  | | |  | | | |
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |
| + EIC (63.0) Scan 25FEB09.D | | | 63.0, 65.0, 83.0 | | | |
|  | | |  | | | |
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |
| + EIC (77.0) Scan 25FEB09.D | | | 77.0, 97.0, 41.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

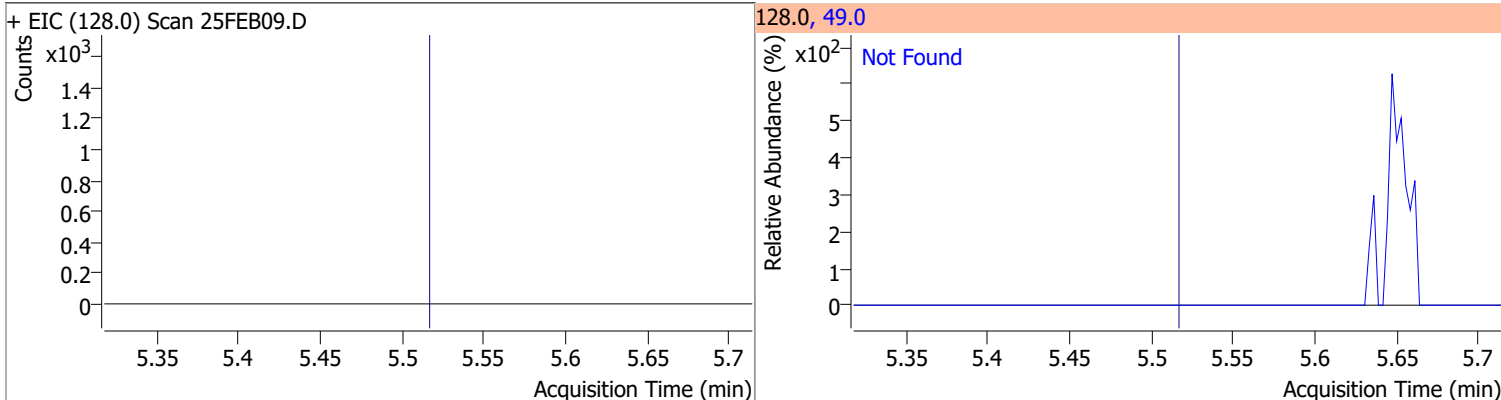
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



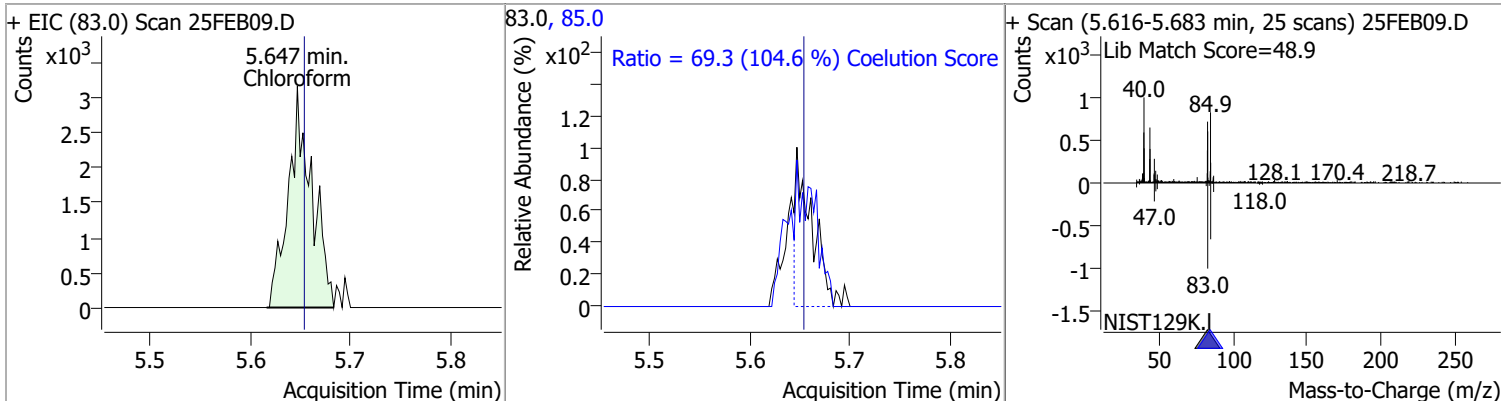
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



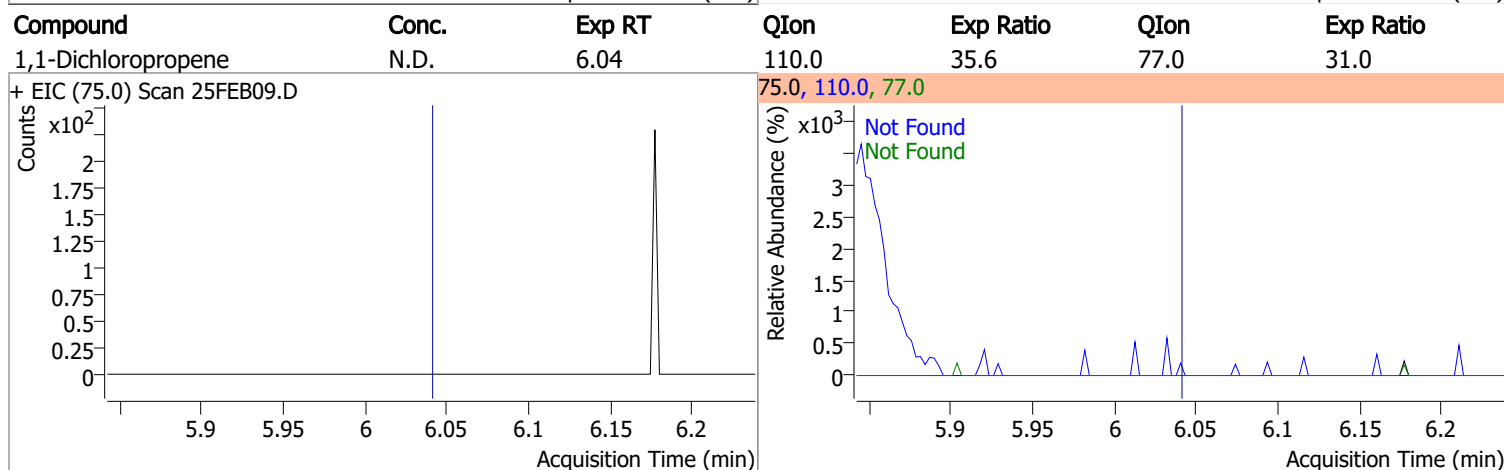
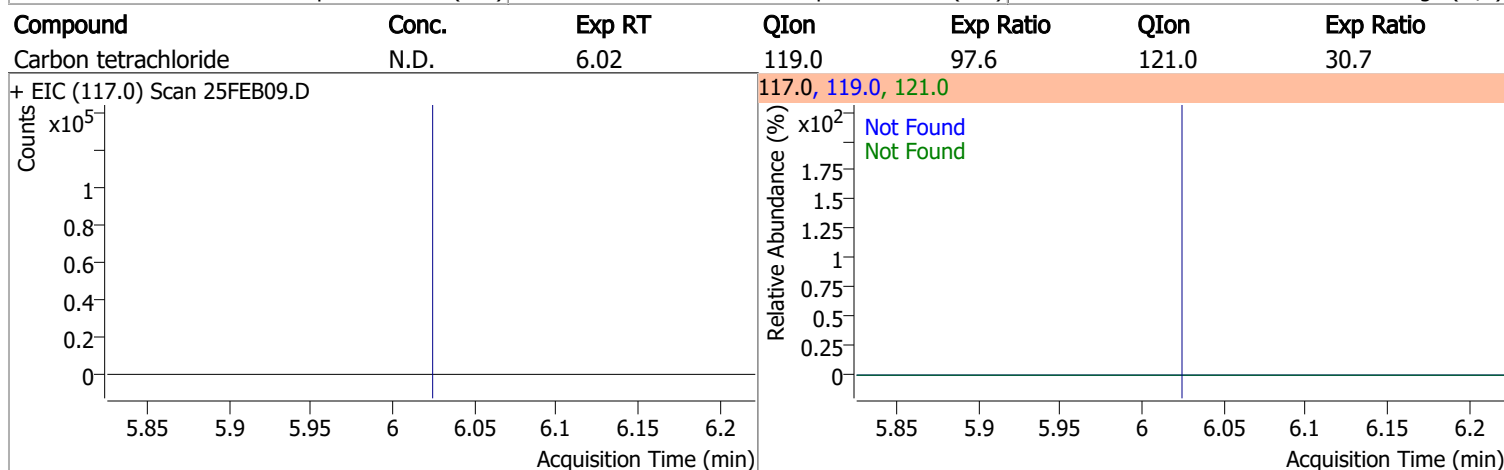
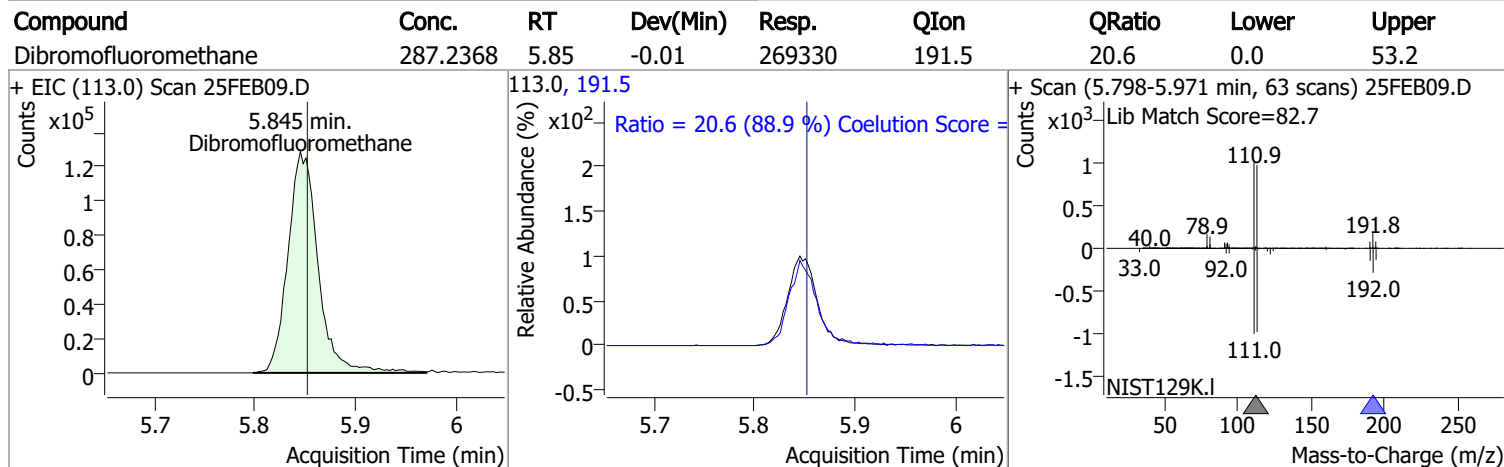
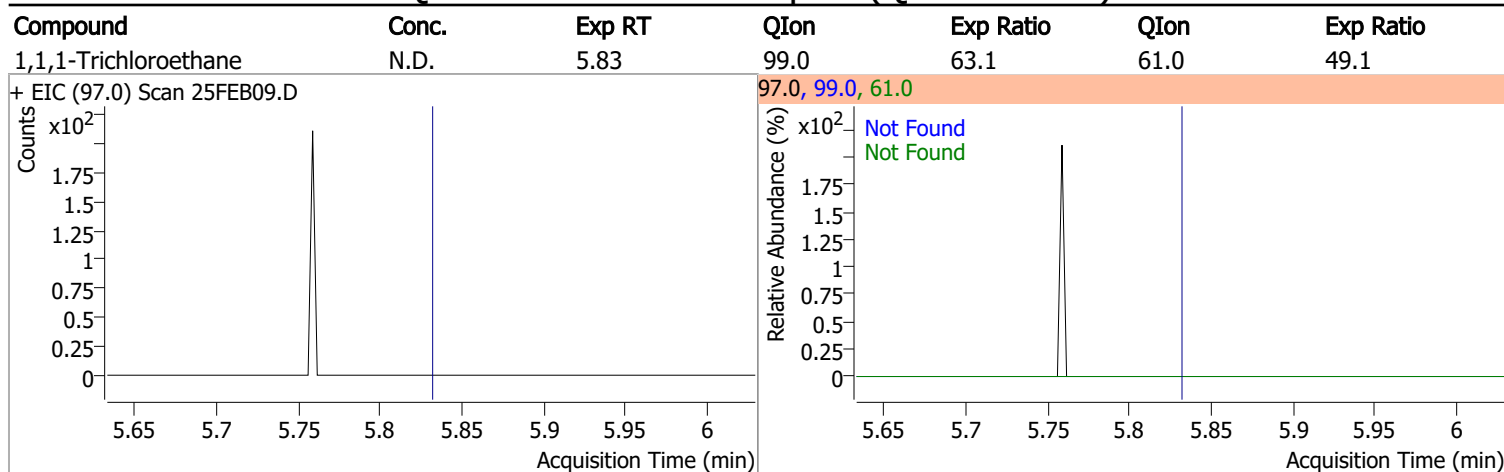
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|-------|------|--------|-------|-------|
| Chloroform | 2.7260 | 5.65 | -0.01 | 5122 | 85.0 | 69.3 | 36.2 | 96.2 |

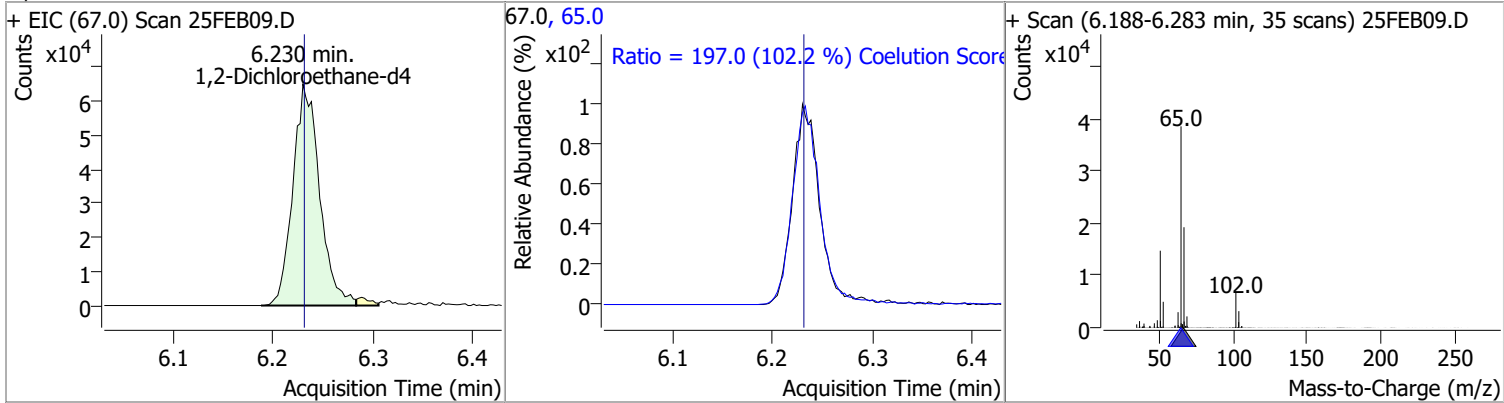


Quantitation Results Report (QT Reviewed)

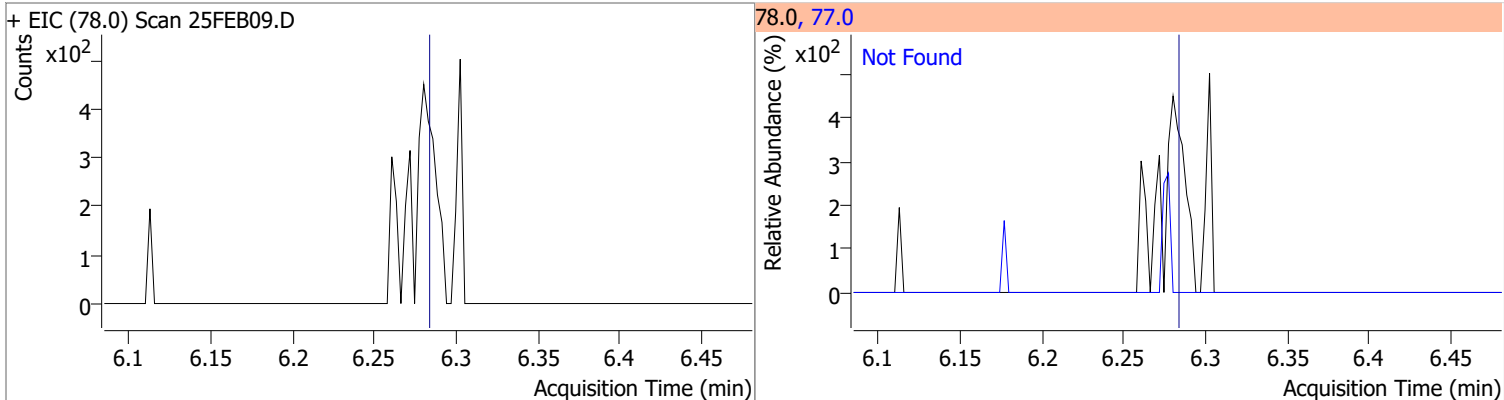


Quantitation Results Report (QT Reviewed)

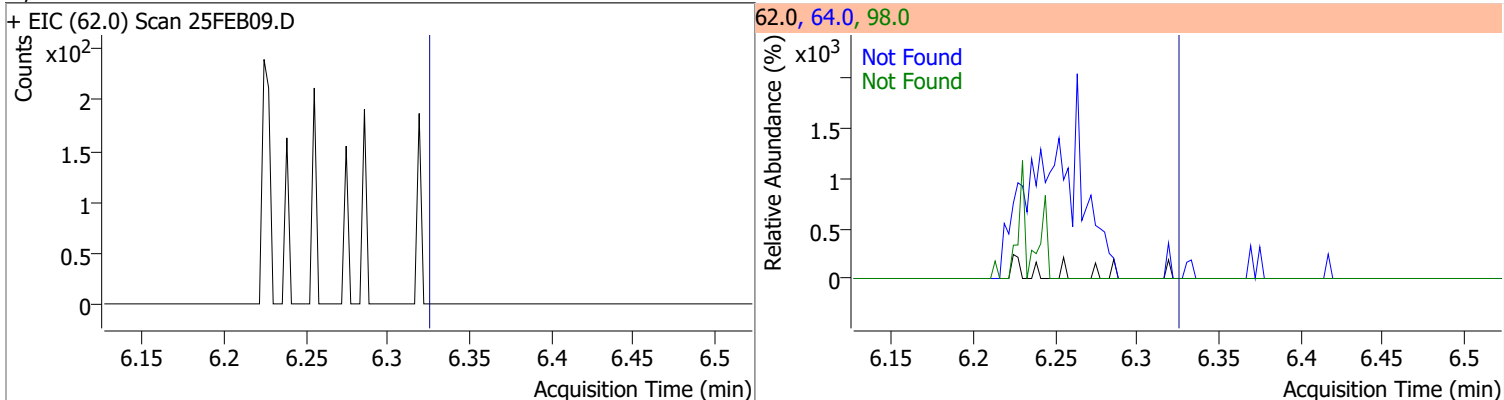
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 296.6519 | 6.23 | 0.00 | 120157 | 65.0 | 197.0 | 162.8 | 222.8 |



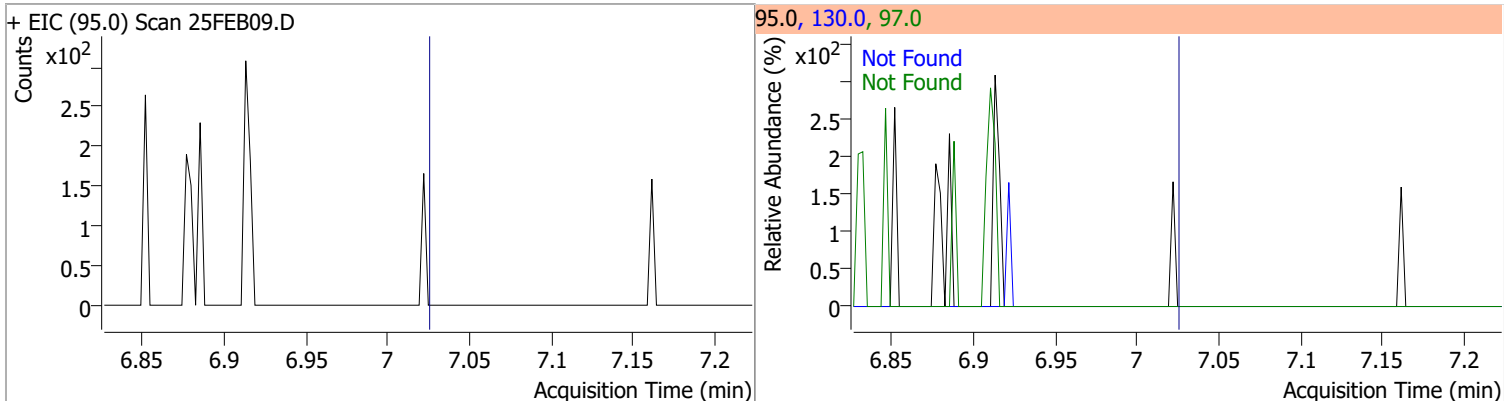
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |

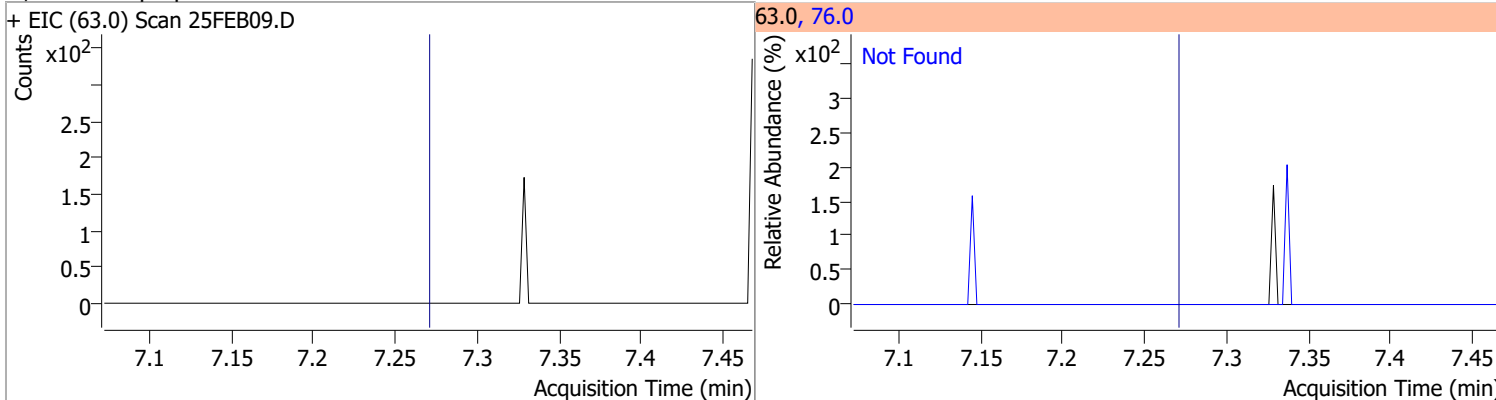


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

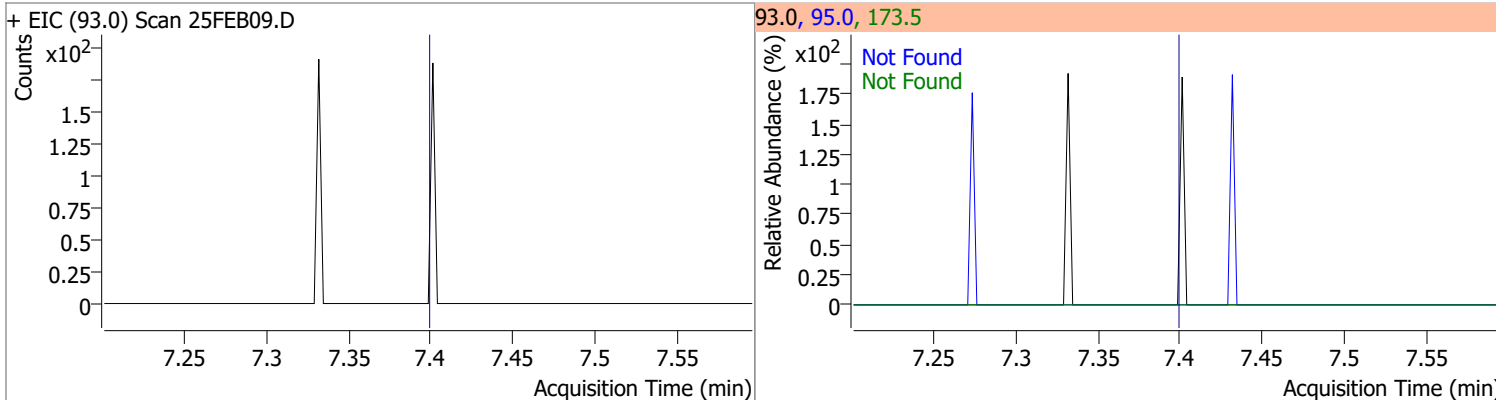


Quantitation Results Report (QT Reviewed)

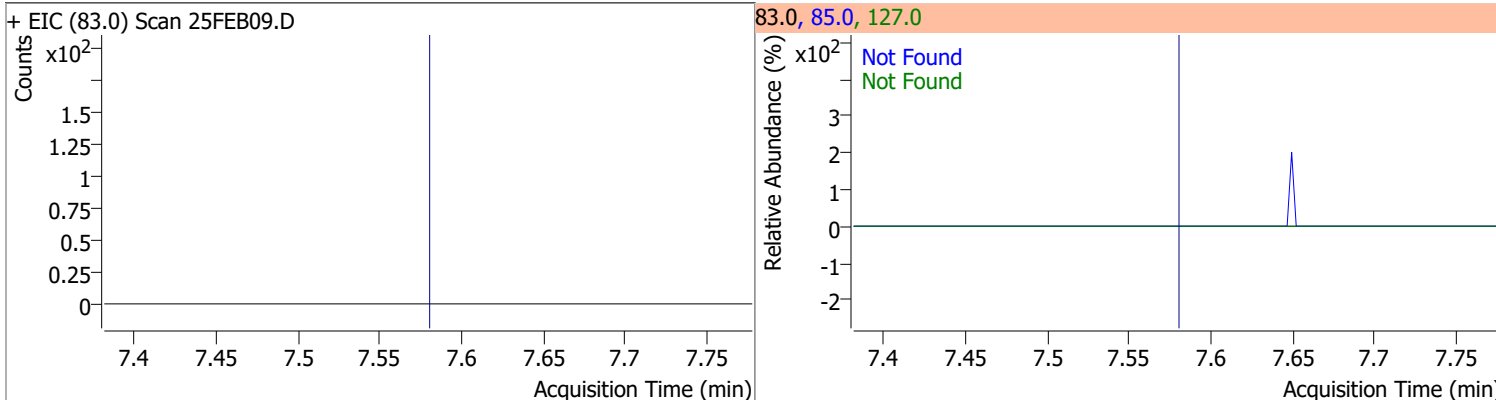
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 |



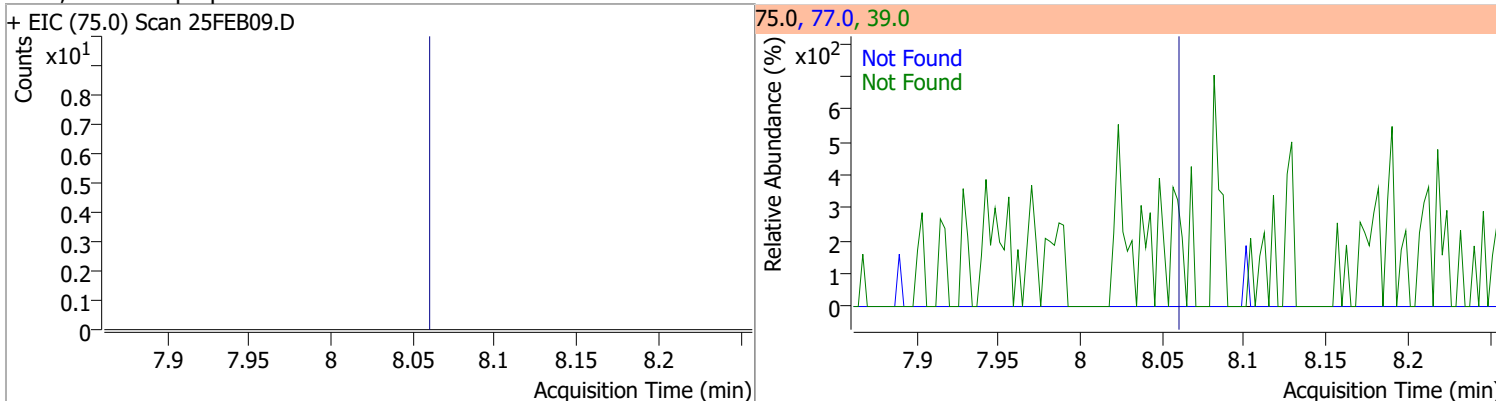
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|----------------|-------|--------|-------|-----------|------|-----------|
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|----------------------|-------|--------|------|-----------|-------|-----------|
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |

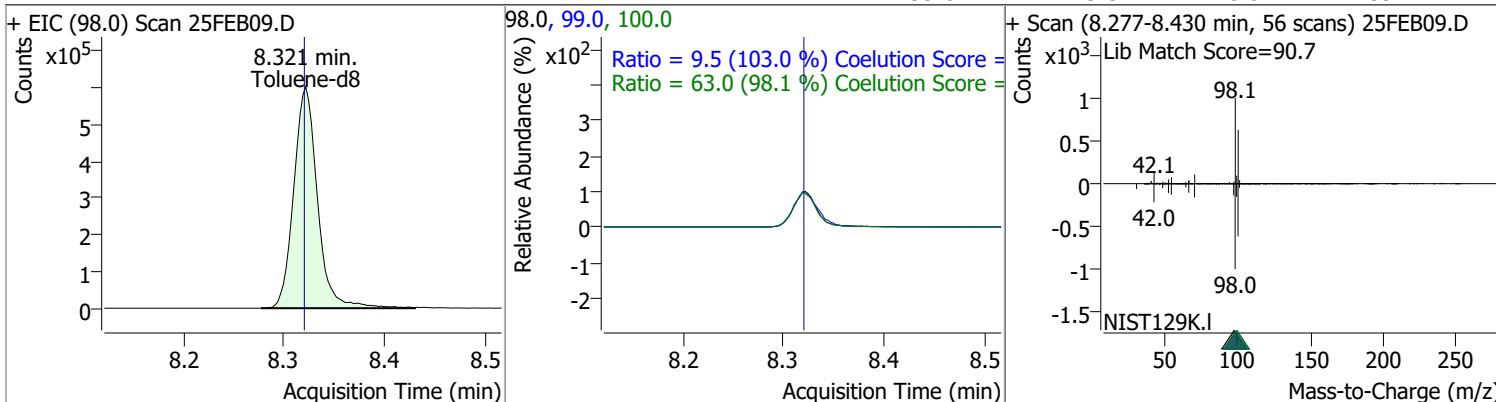


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |

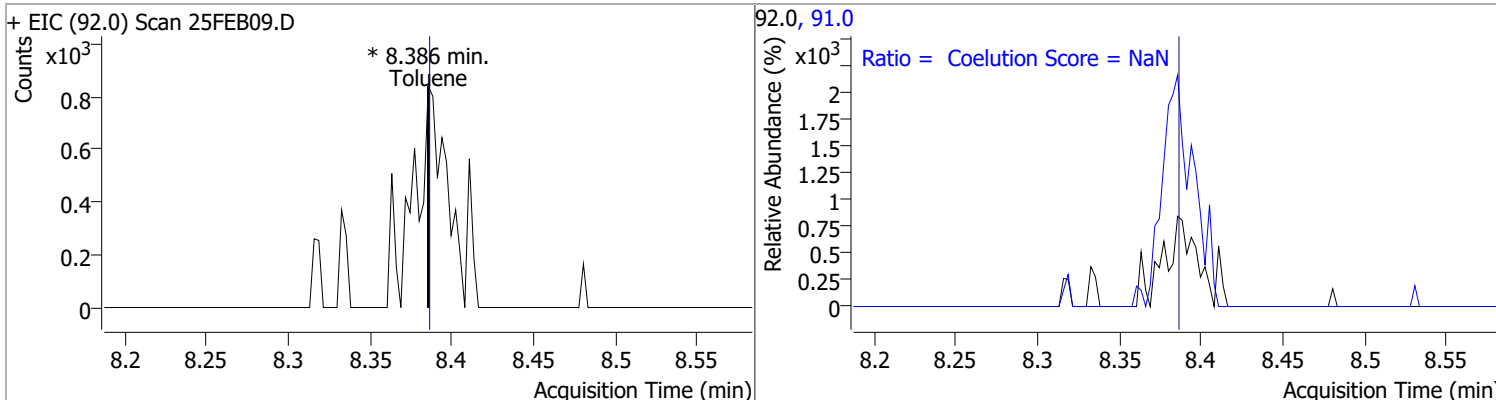


Quantitation Results Report (QT Reviewed)

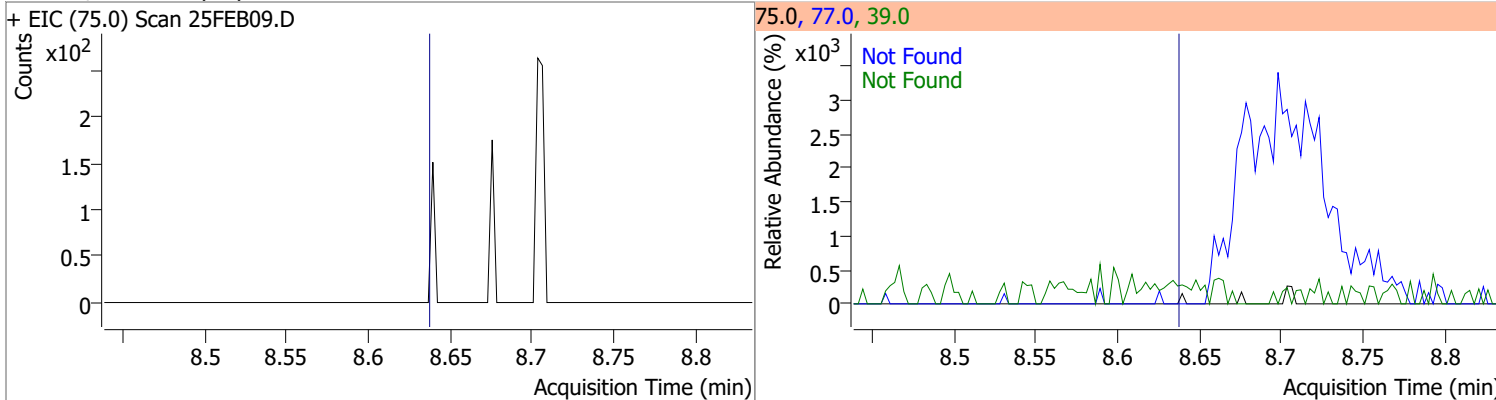
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 266.8131 | 8.32 | 0.00 | 987515 | 100.0 | 63.0 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.5 | 0.0 | 39.2 |



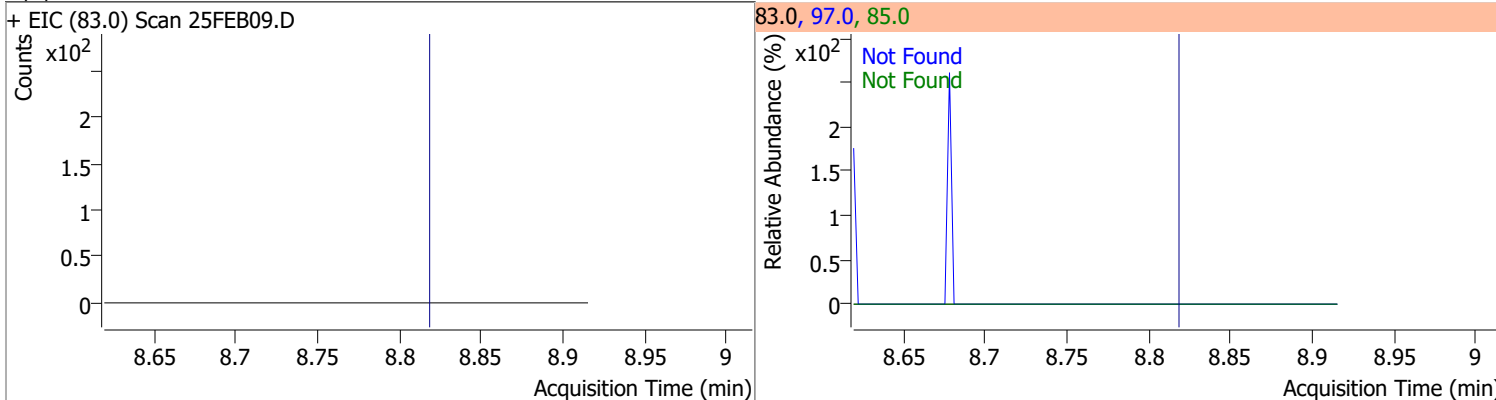
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
| Toluene | 0 | 0 | 0 | 0 | 91.0 | | 144.1 | 204.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |



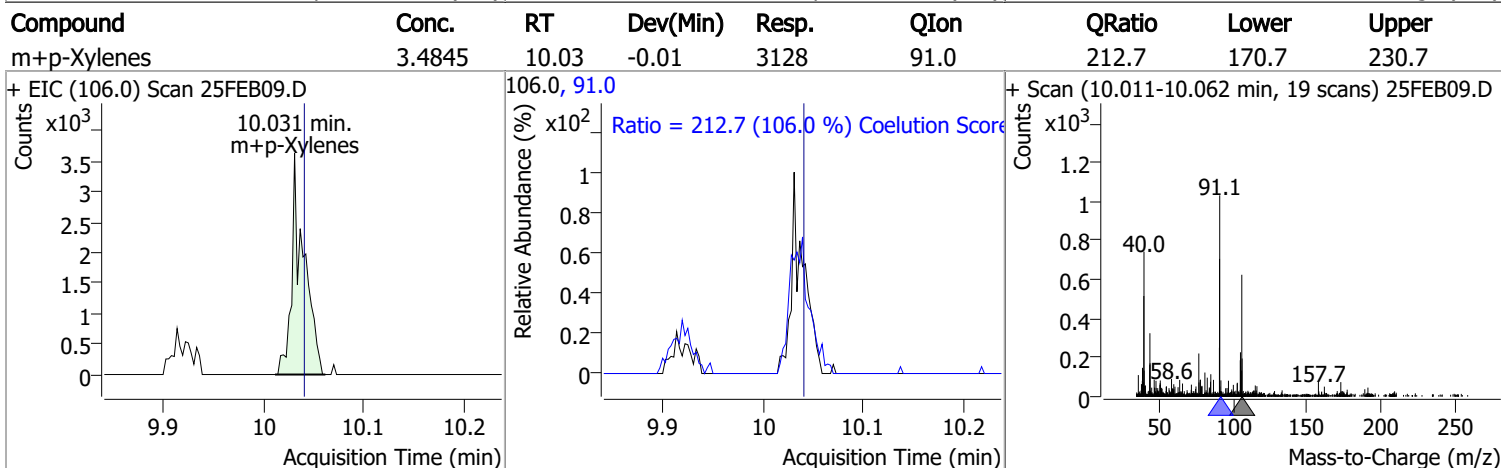
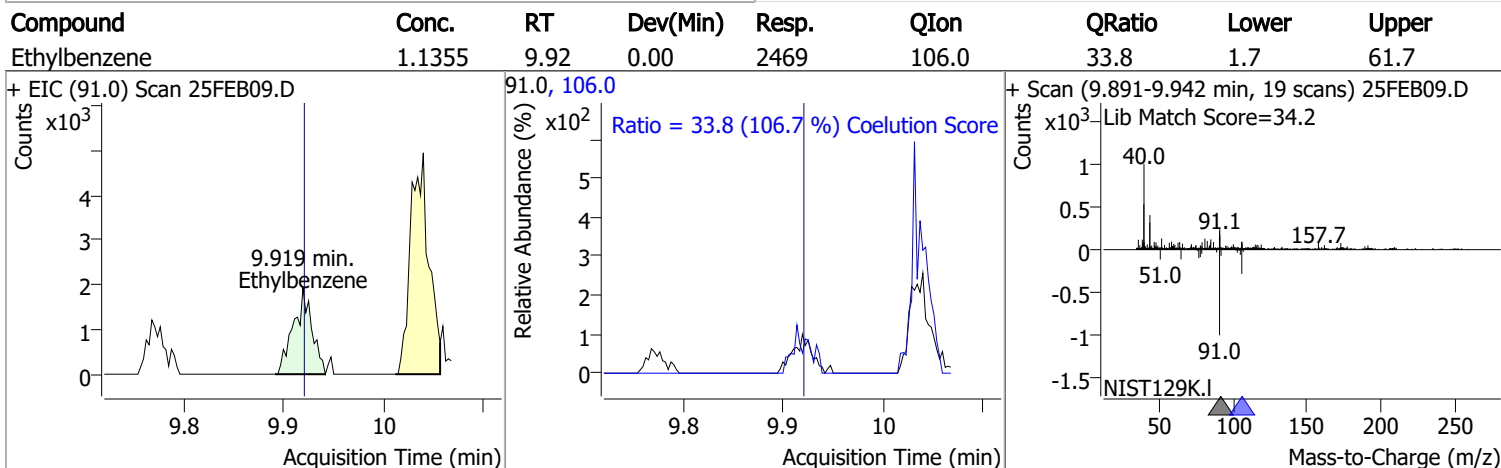
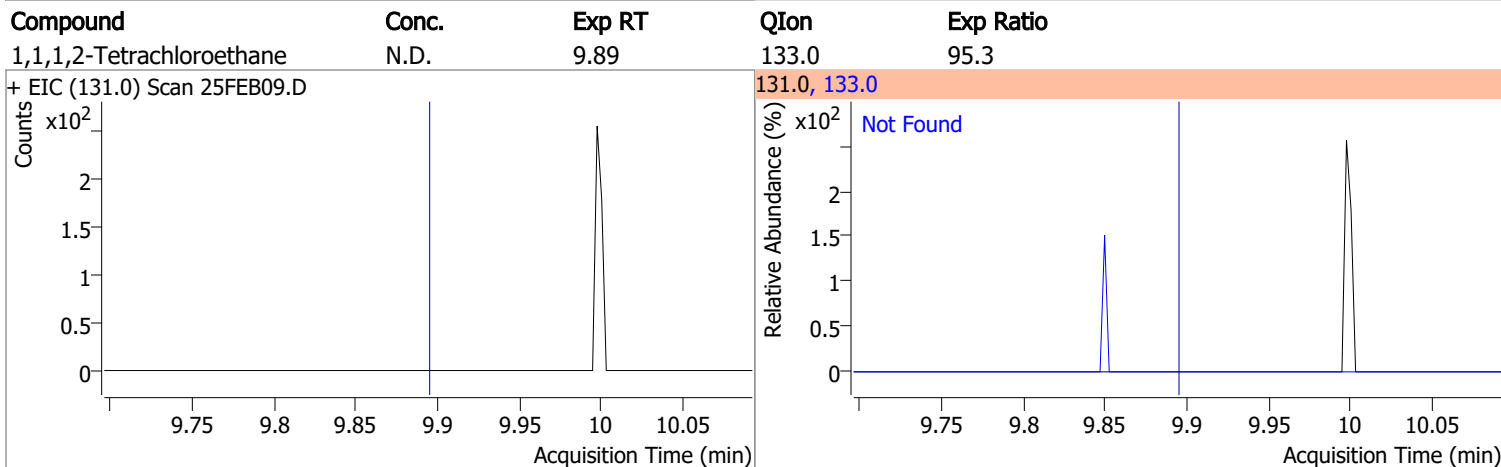
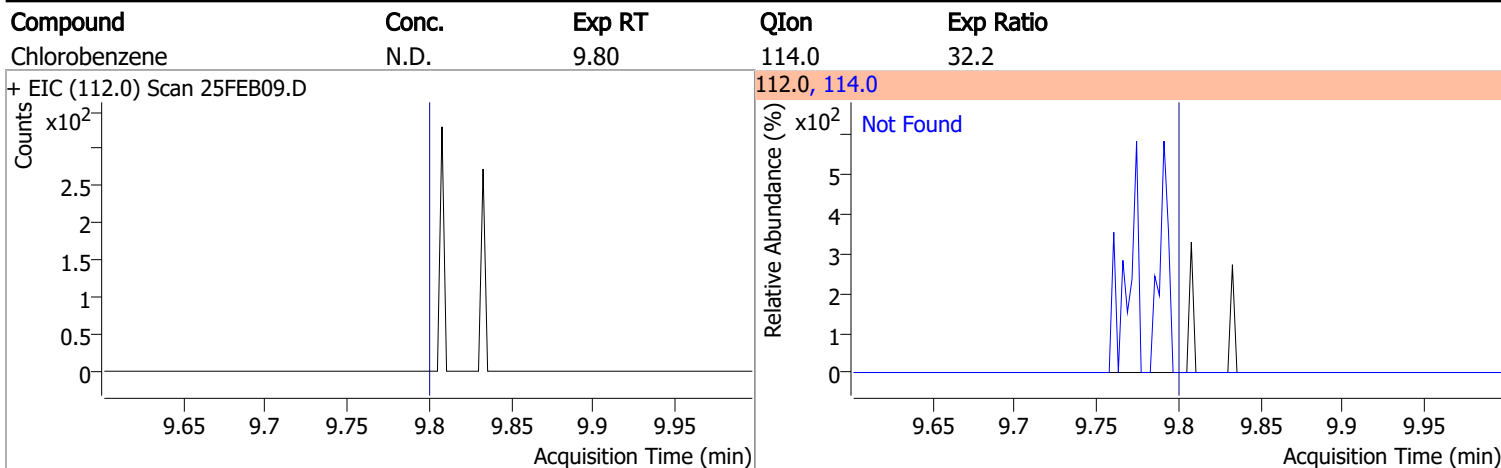
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |



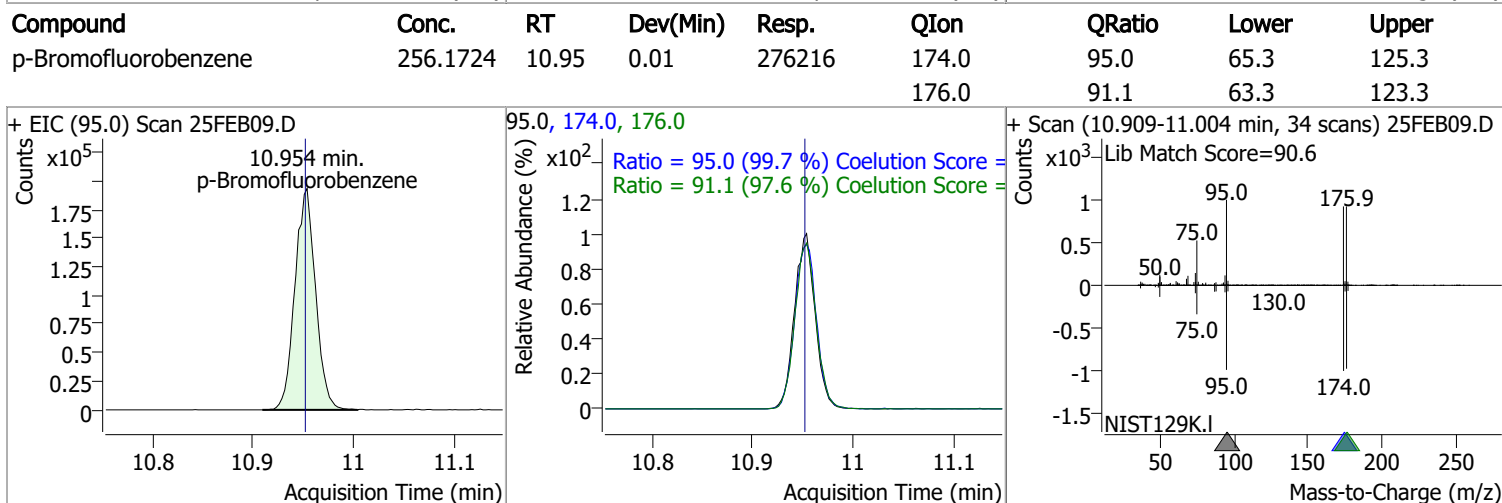
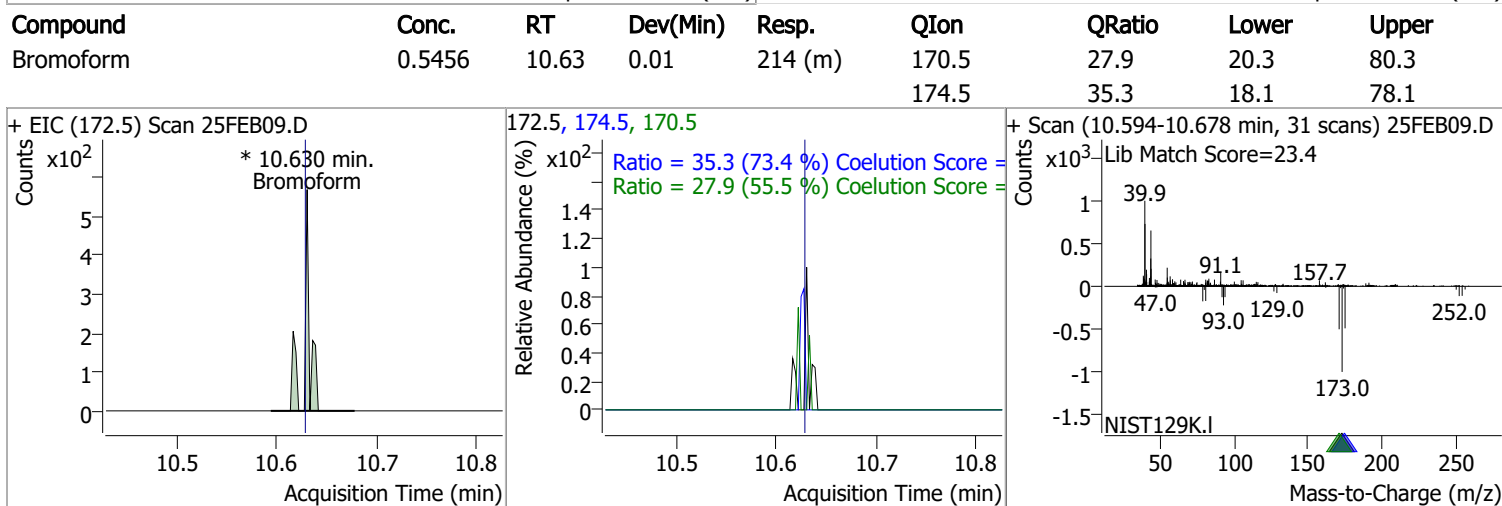
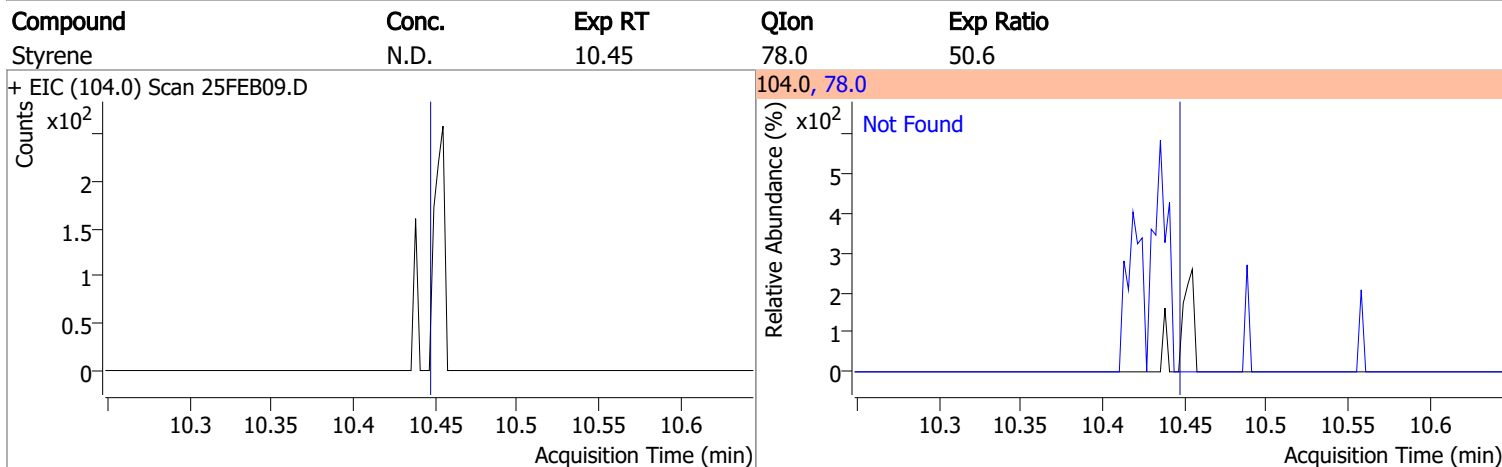
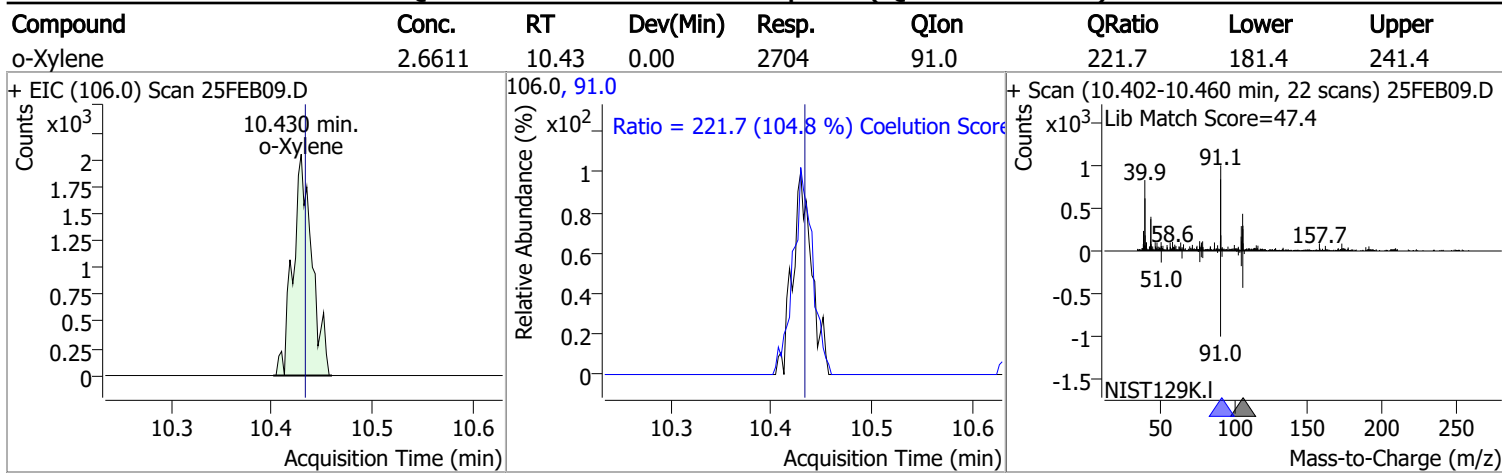
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------------|-------|--------|---------------------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |
| + EIC (163.8) Scan 25FEB09.D | | | 163.8, 129.0, 165.8 | | | |
| | | | | | | |
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 | | |
| + EIC (76.0) Scan 25FEB09.D | | | 76.0, 78.0 | | | |
| | | | | | | |
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 | | |
| + EIC (129.0) Scan 25FEB09.D | | | 129.0, 127.0 | | | |
| | | | | | | |
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 | | |
| + EIC (107.0) Scan 25FEB09.D | | | 107.0, 109.0 | | | |
| | | | | | | |

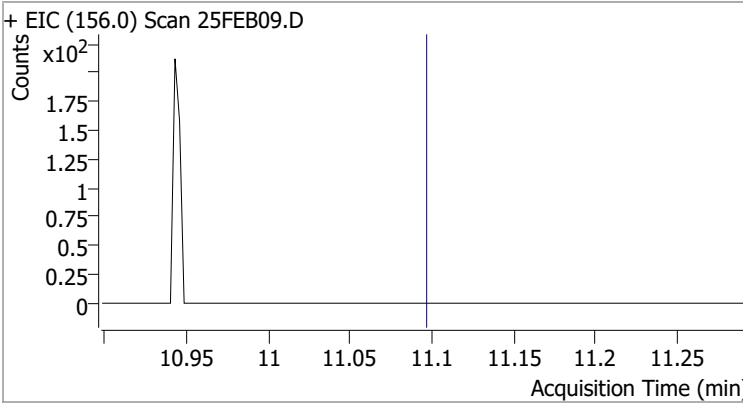
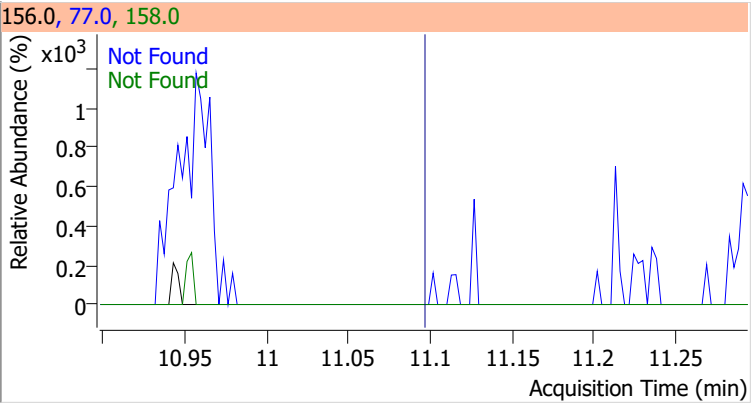
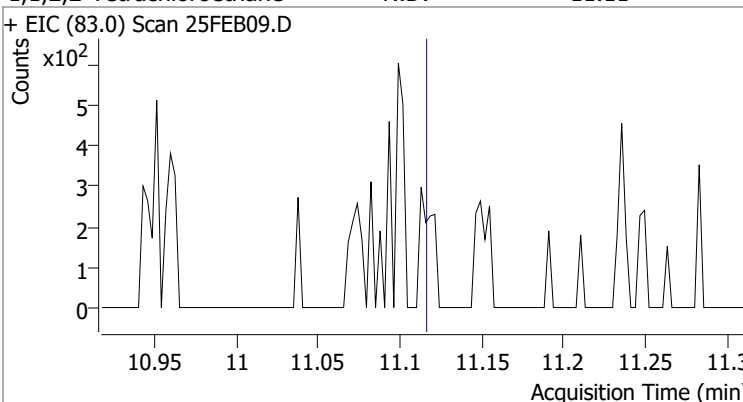
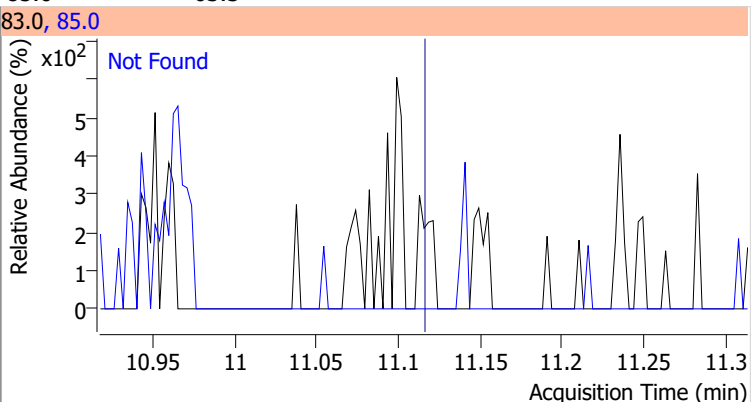
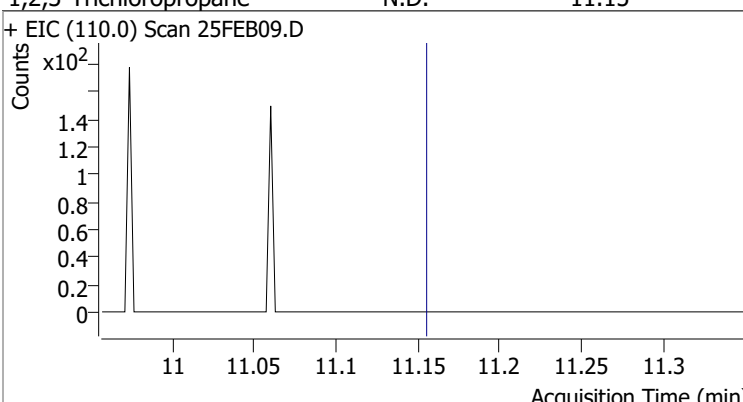
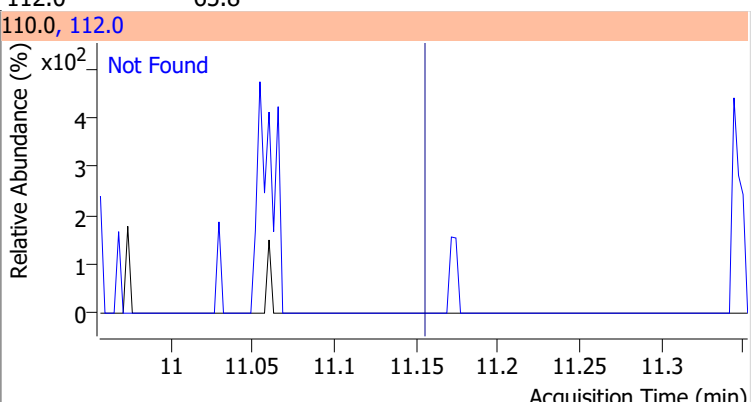
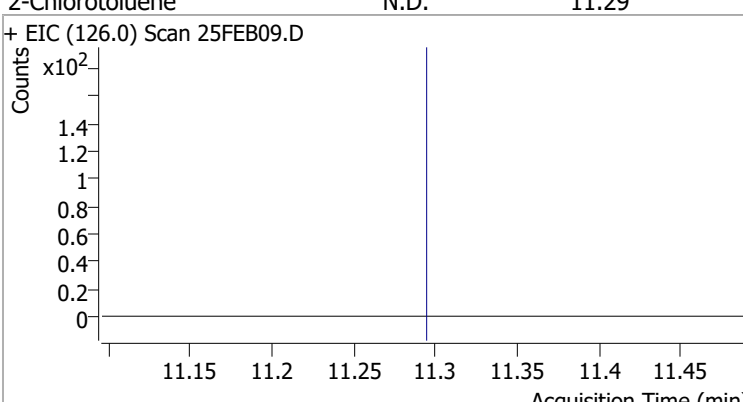
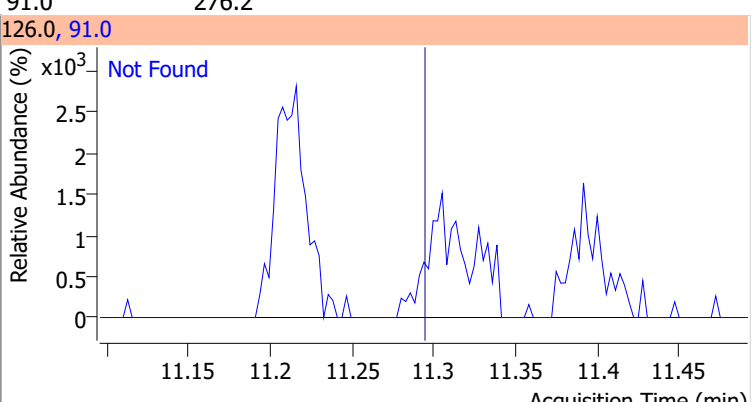
Quantitation Results Report (QT Reviewed)



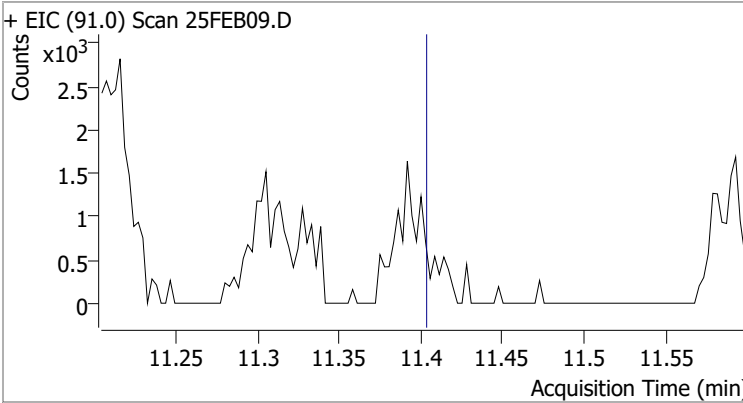
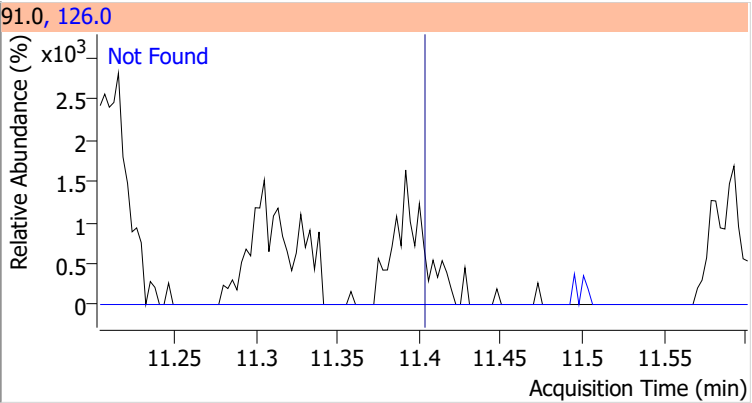
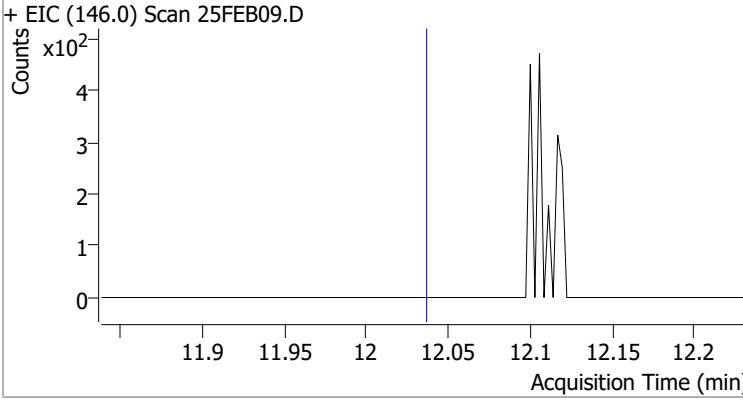
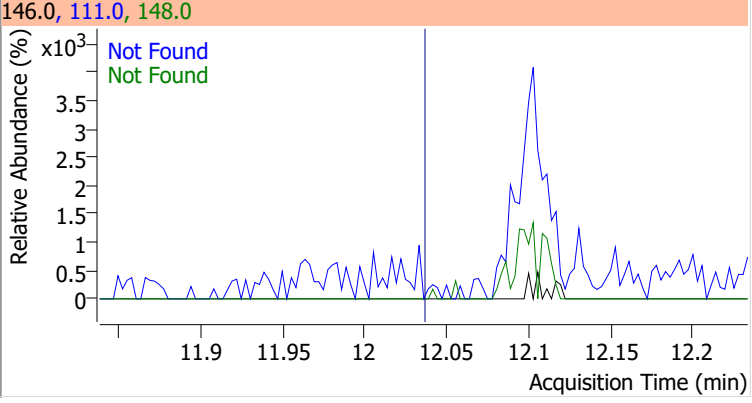
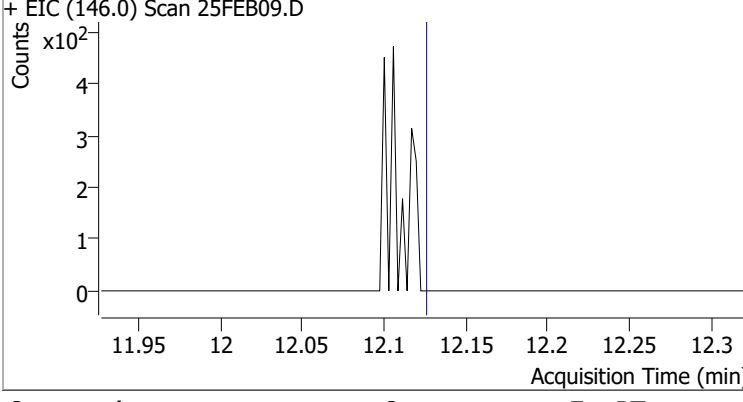
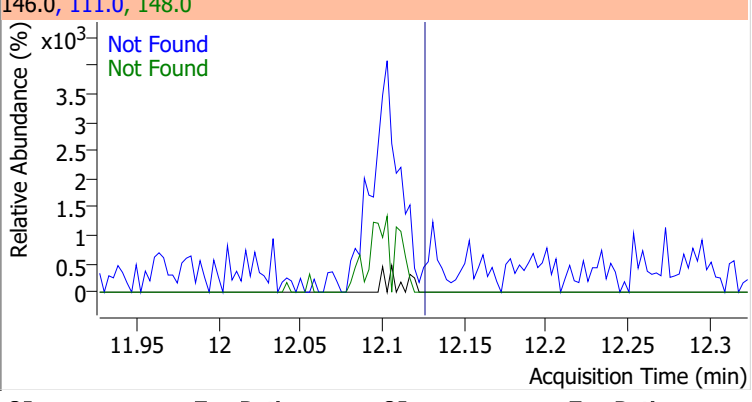
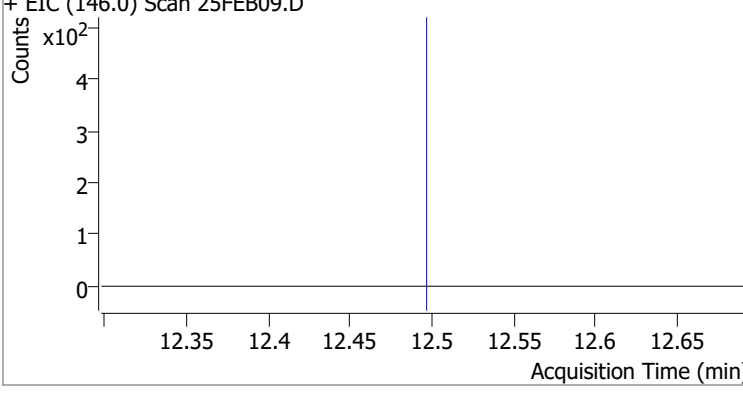
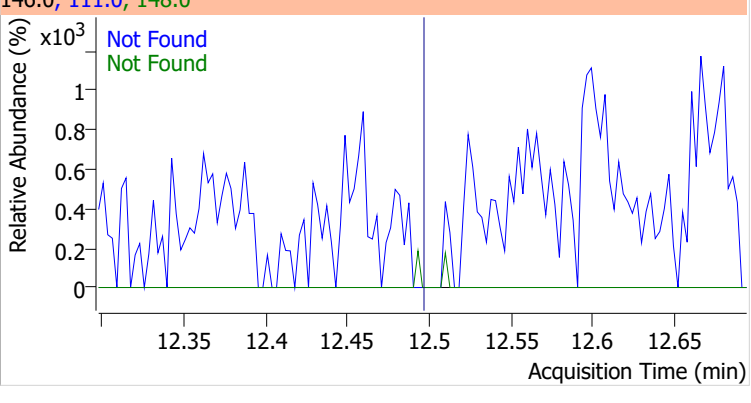
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

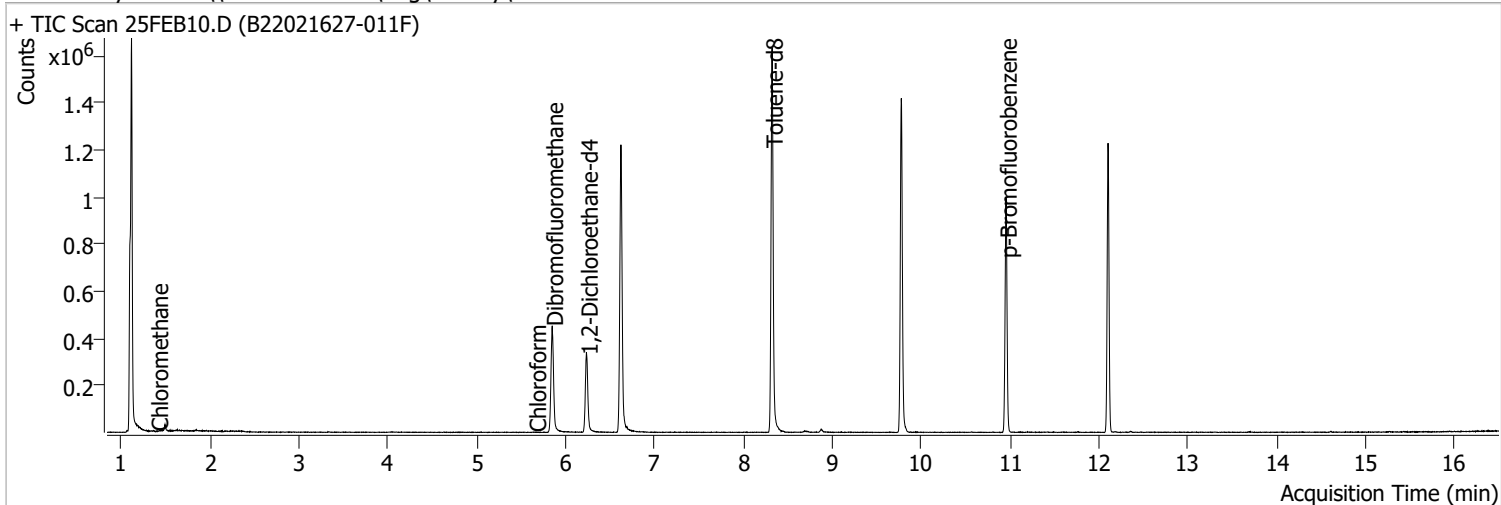
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB09.D | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB09.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB09.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB09.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|--|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 |
| + EIC (91.0) Scan 25FEB09.D | | | 91.0, 126.0 | |
|  | | |  | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 |
| + EIC (146.0) Scan 25FEB09.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 |
| + EIC (146.0) Scan 25FEB09.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 |
| + EIC (146.0) Scan 25FEB09.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB10.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 2:25:28 PM |
| Sample Name | B22021627-011F | Instrument | VOA5975C |
| Vial | 10 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|----------|----|------|-------|-------|-------|----------|
|----------|----|------|-------|-------|-------|----------|

Internal Standards

| | | | | | | |
|--------------------------|--------|-------|---------|----------|----|-------|
| M Fluorobenzene | 6.620 | 96.0 | 1034046 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 398083 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 288085 | 250.0000 | ng | 0.003 |

System Monitoring Compounds

| | | | | | | |
|-------------------------|----------------------|-------|---------|--------------------|----|--------|
| S Dibromofluoromethane | 5.848 | 113.0 | 275788 | 275.3588 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 110.14% | | |
| S 1,2-Dichloroethane-d4 | 6.235 | 67.0 | 121443 | 280.6977 | ng | 0.005 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 112.28% | | |
| S Toluene-d8 | 8.319 | 98.0 | 1035941 | 266.7419 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 106.70% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 285786 | 268.6775 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 107.47% | | |

Target Compounds

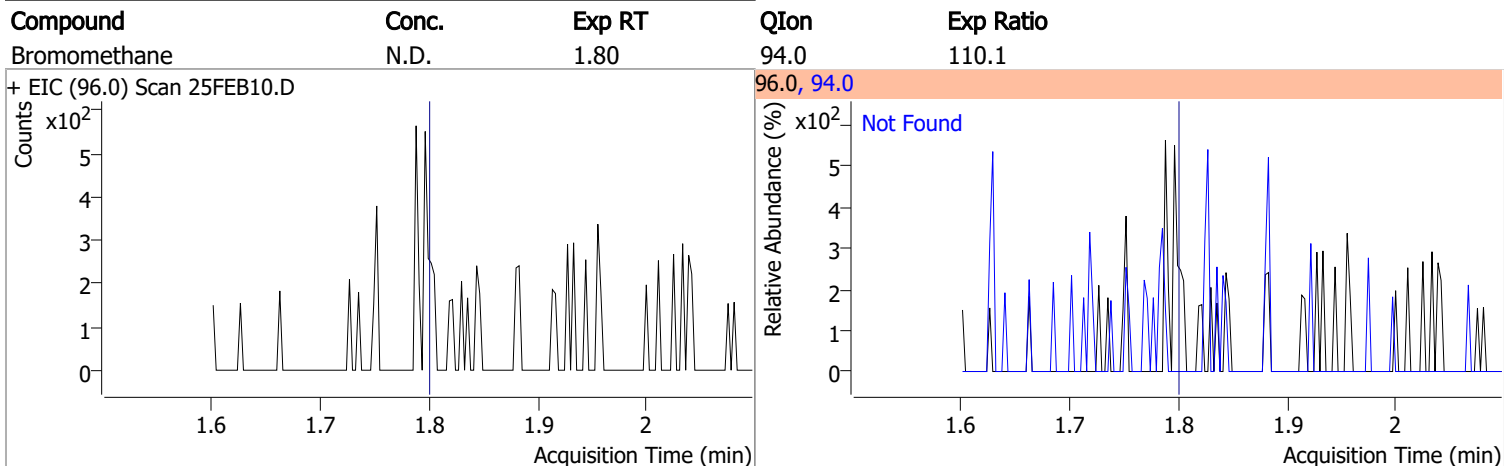
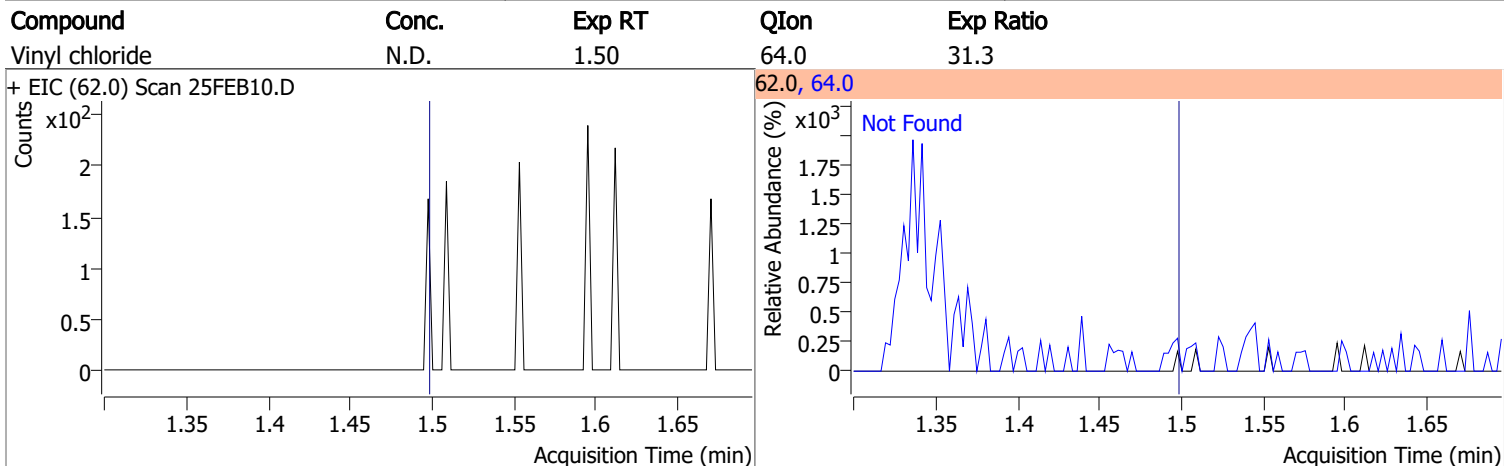
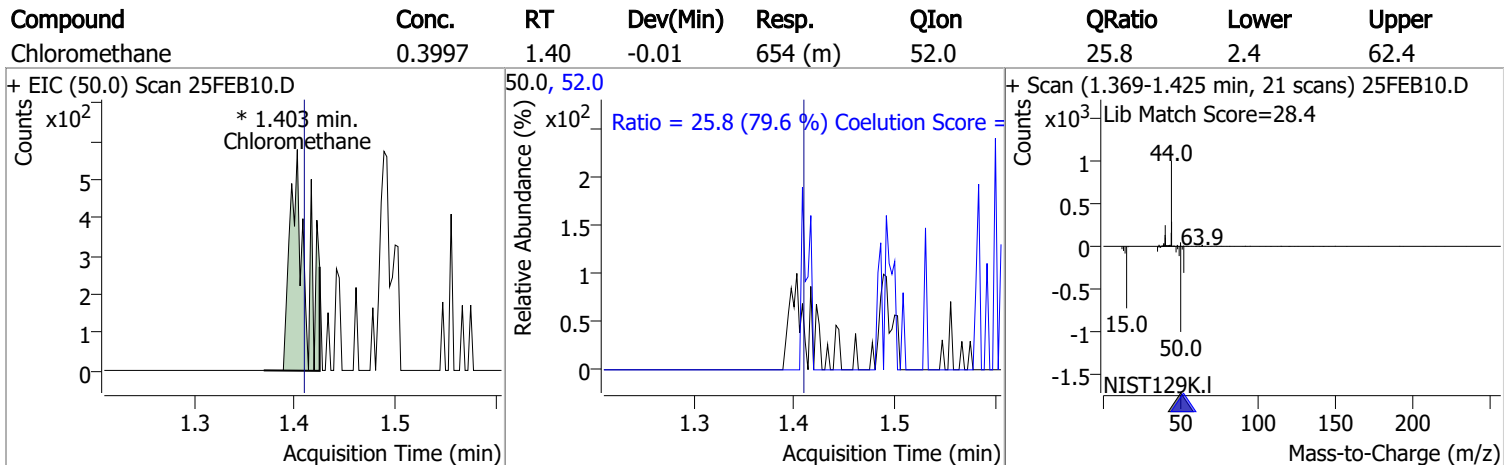
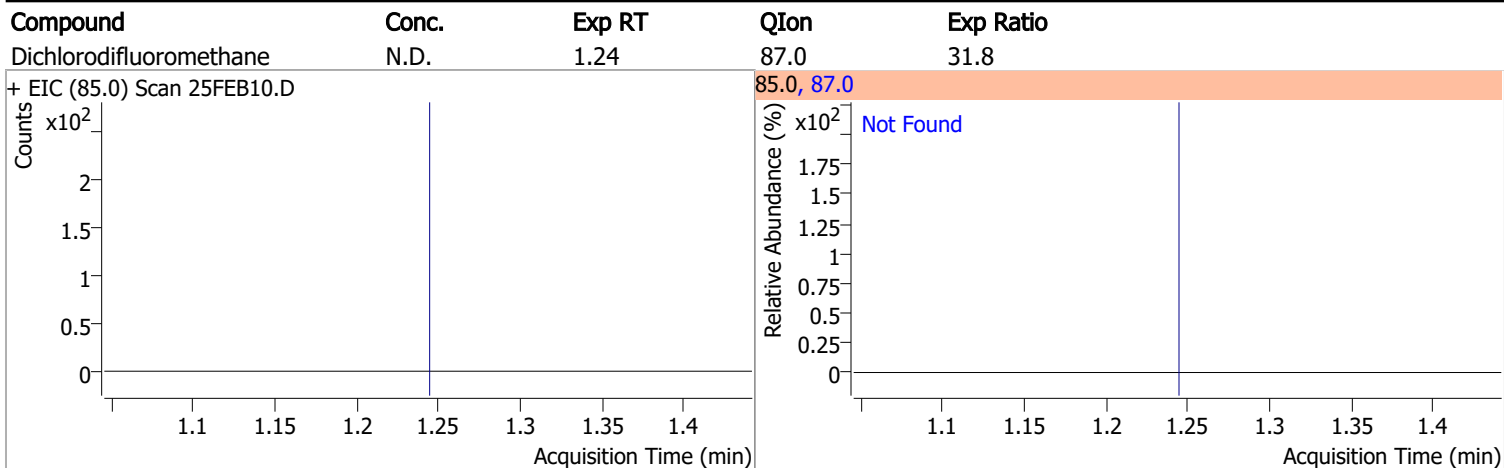
| Compound | RT | QIon | Resp. | Conc. | Units | QValue |
|----------------------------------|-------|------|-------|--------|-------|--------|
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.403 | 50.0 | 654 | 0.3997 | ng m | 88 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.333 | 49.0 | 0 | | ng md | 1 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.655 | 83.0 | 800 | 0.3985 | ng m | 84 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|-------|-------|-------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 8.386 | 92.0 | 0 | | ng md | 1 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | |
| T m+p-Xylenes | 0.000 | | 0 | N.D. | | |
| T o-Xylene | 0.000 | | 0 | N.D. | | |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 10.619 | 172.5 | 0 | | ng md | 1 |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

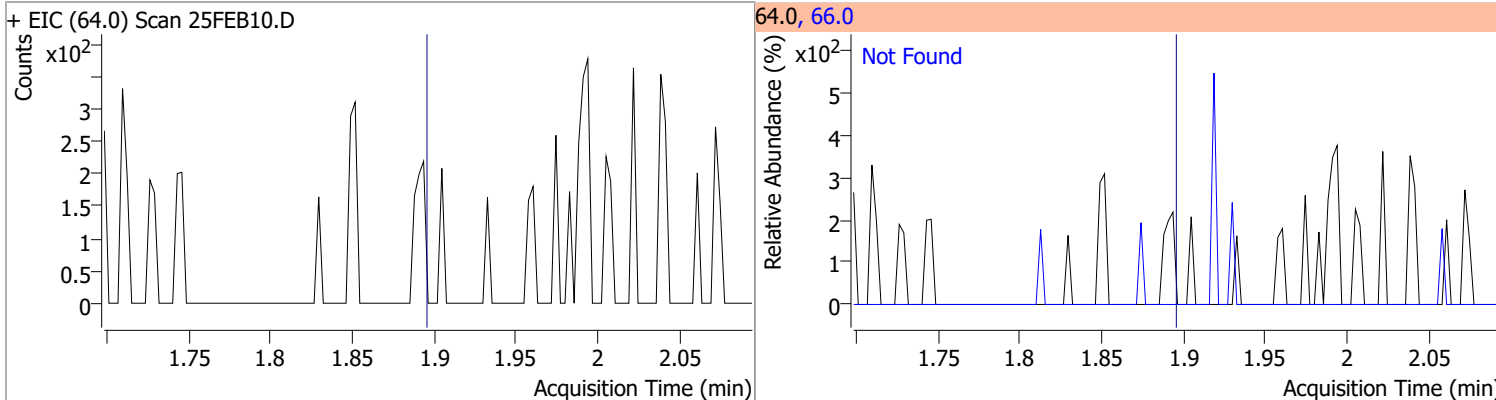
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

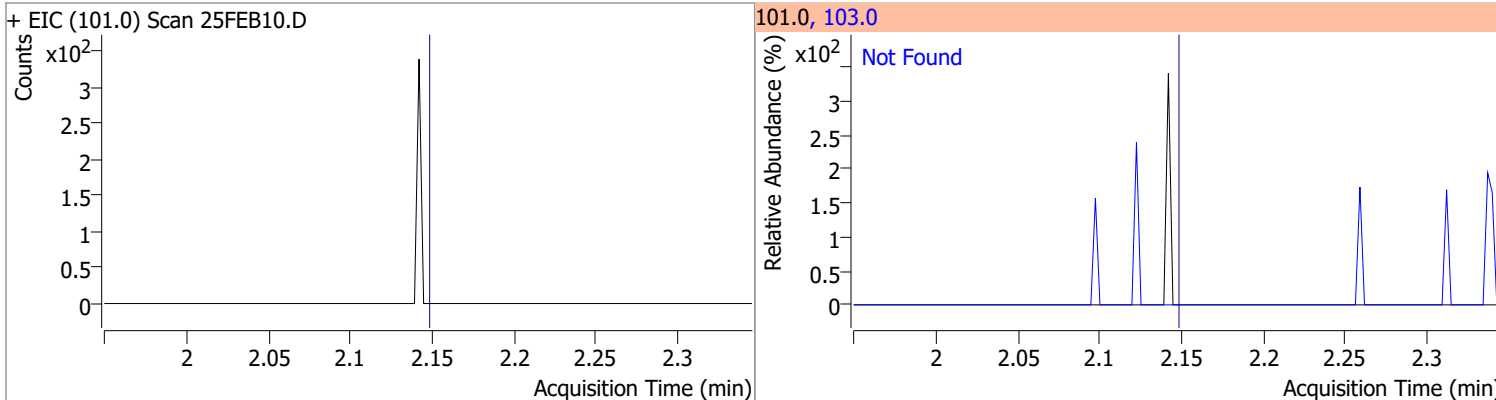


Quantitation Results Report (QT Reviewed)

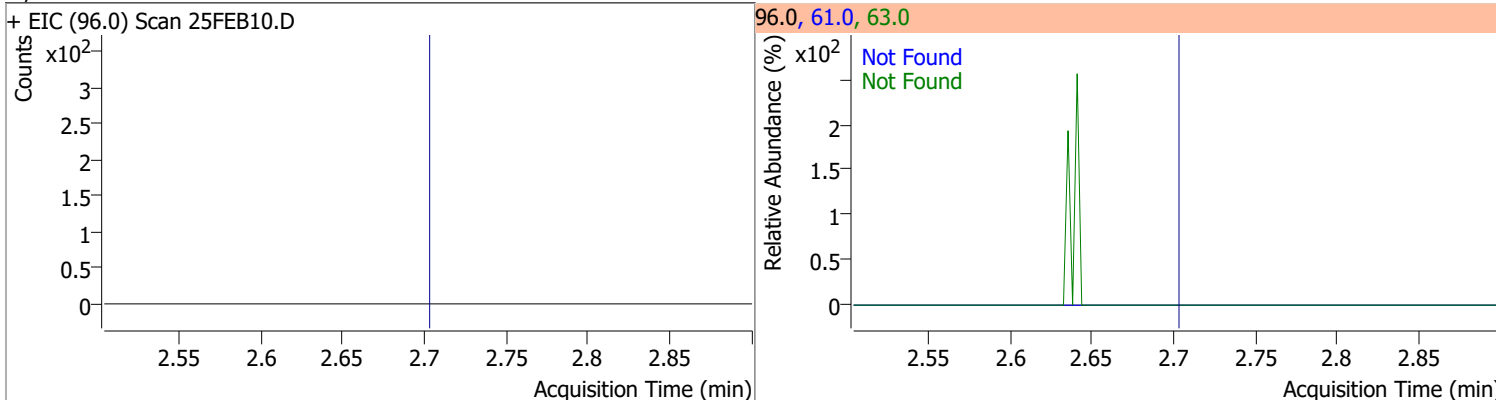
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



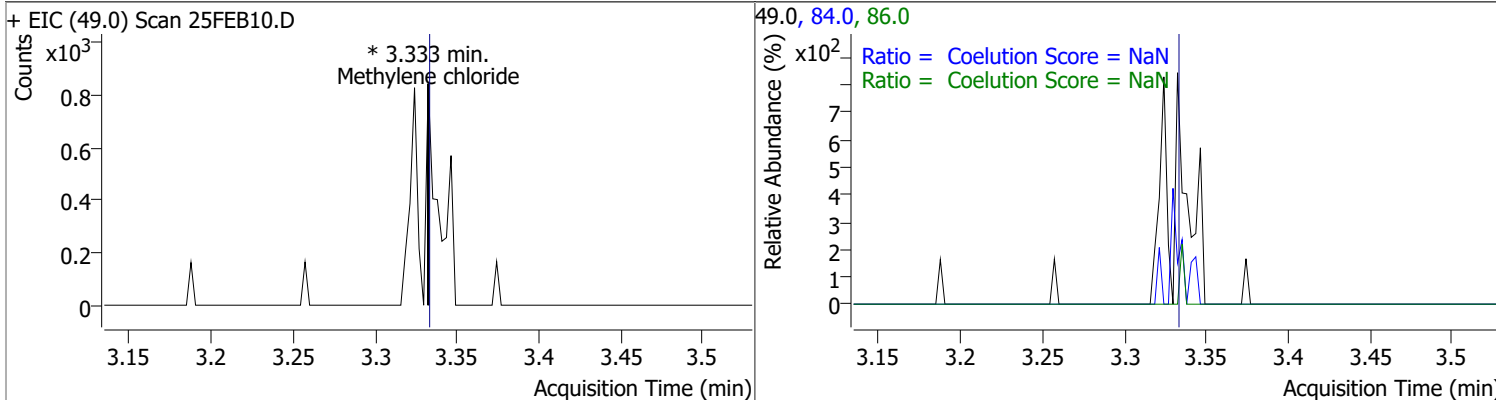
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |

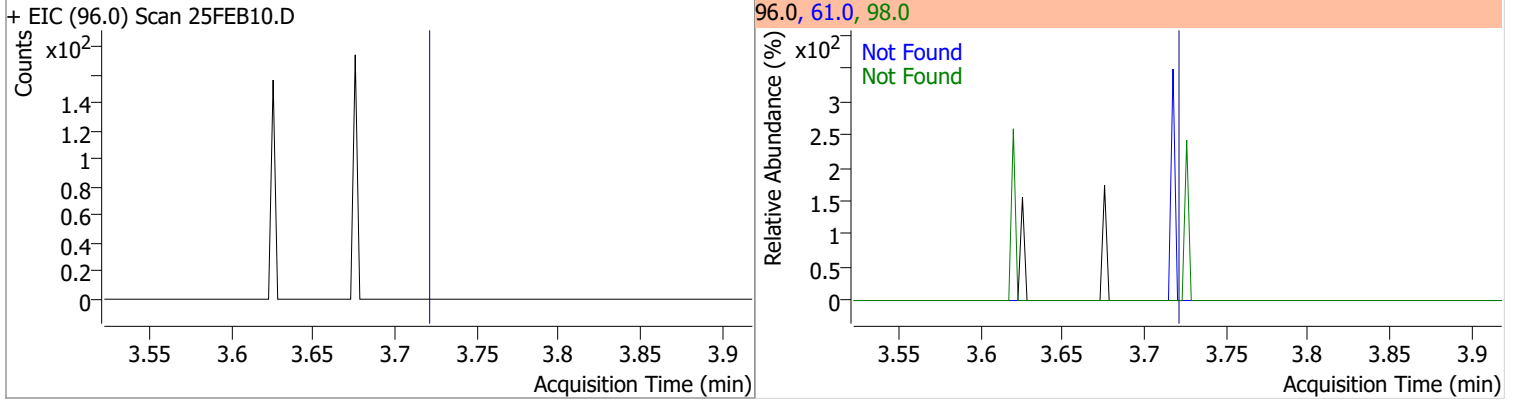


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|-------|----|----------|-------|------|--------|-------|-------|
| Methylene chloride | | 0 | | 0 | 84.0 | | 36.1 | 96.1 |
| | | | | | 86.0 | | 11.8 | 71.8 |

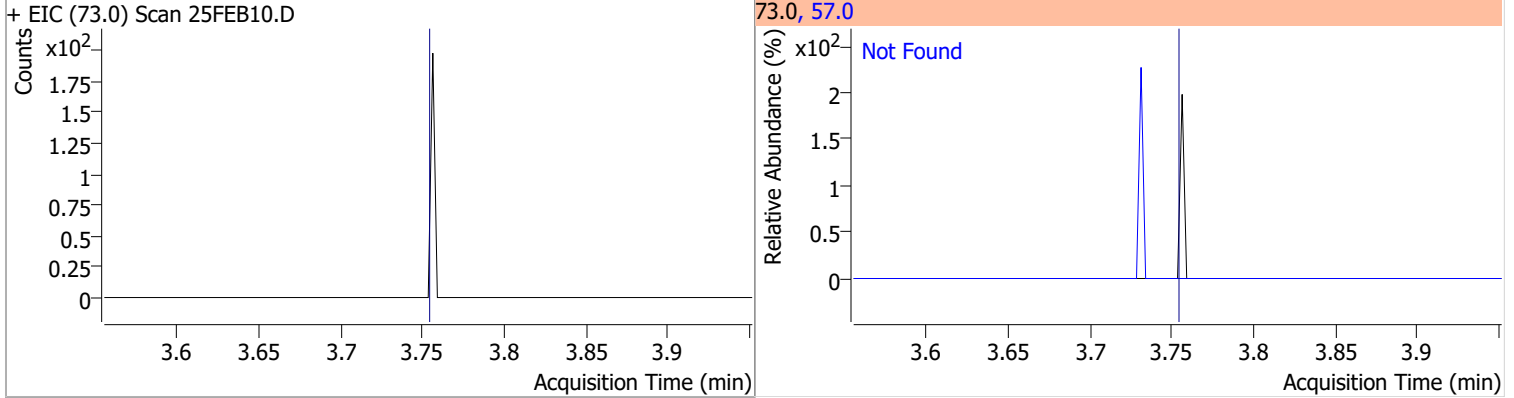


Quantitation Results Report (QT Reviewed)

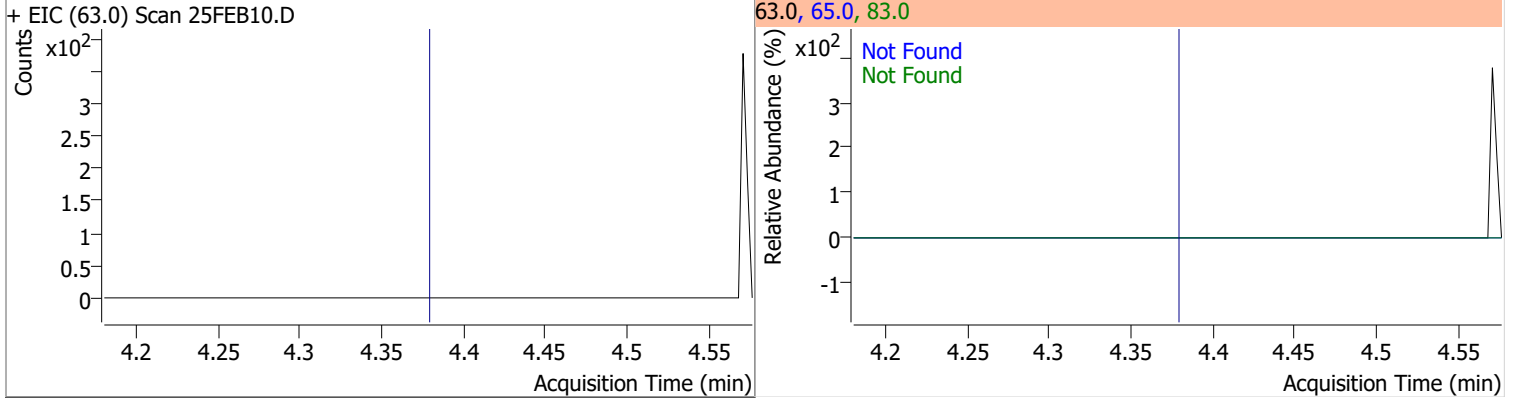
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



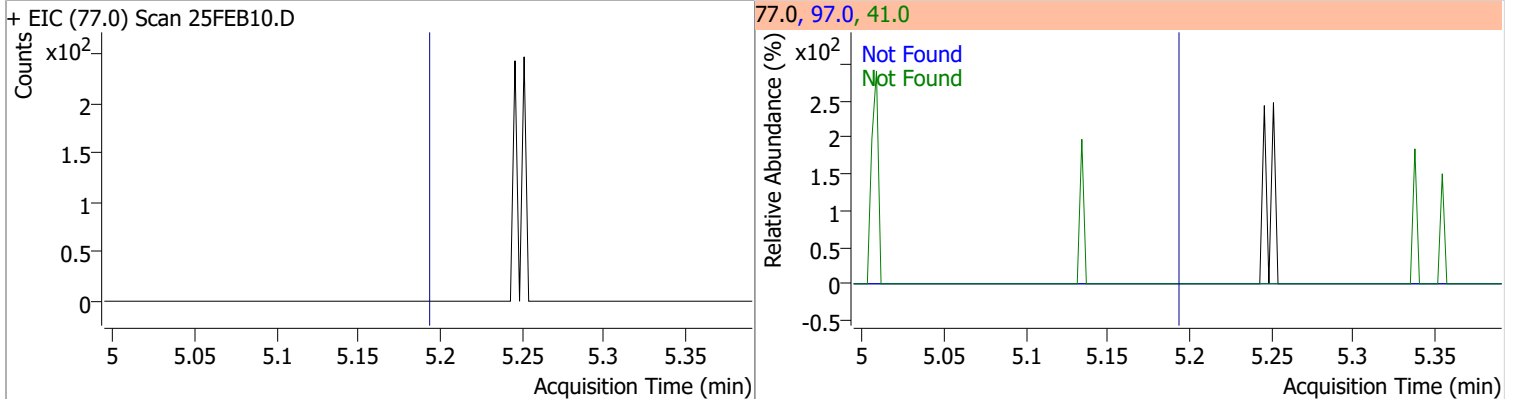
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

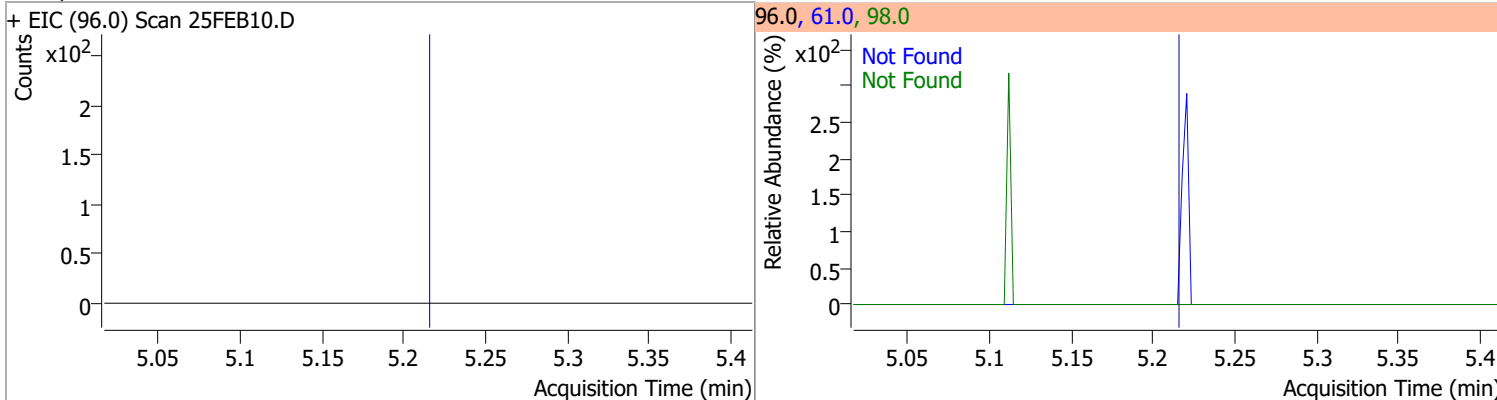


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

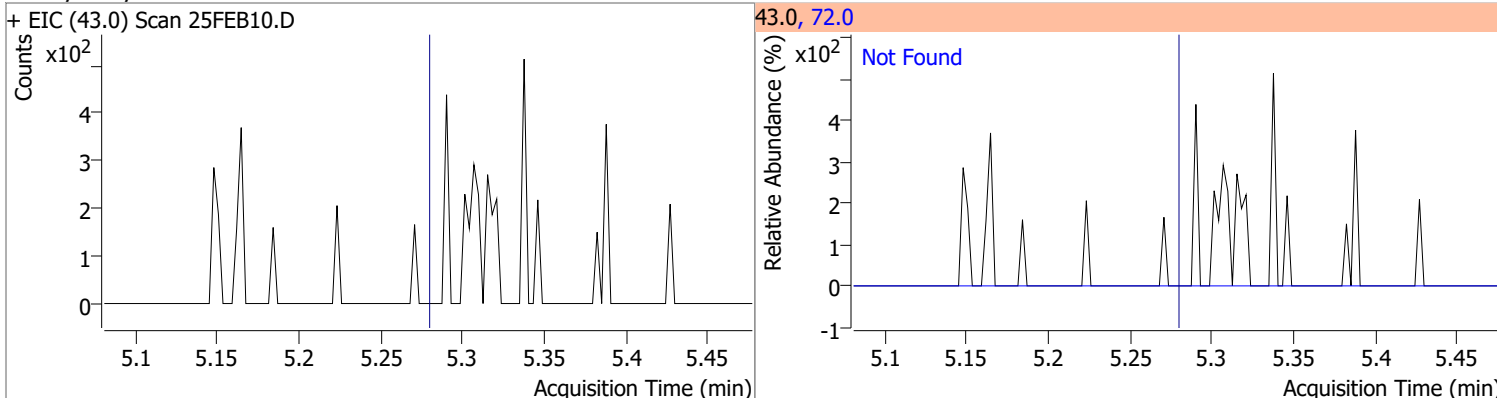


Quantitation Results Report (QT Reviewed)

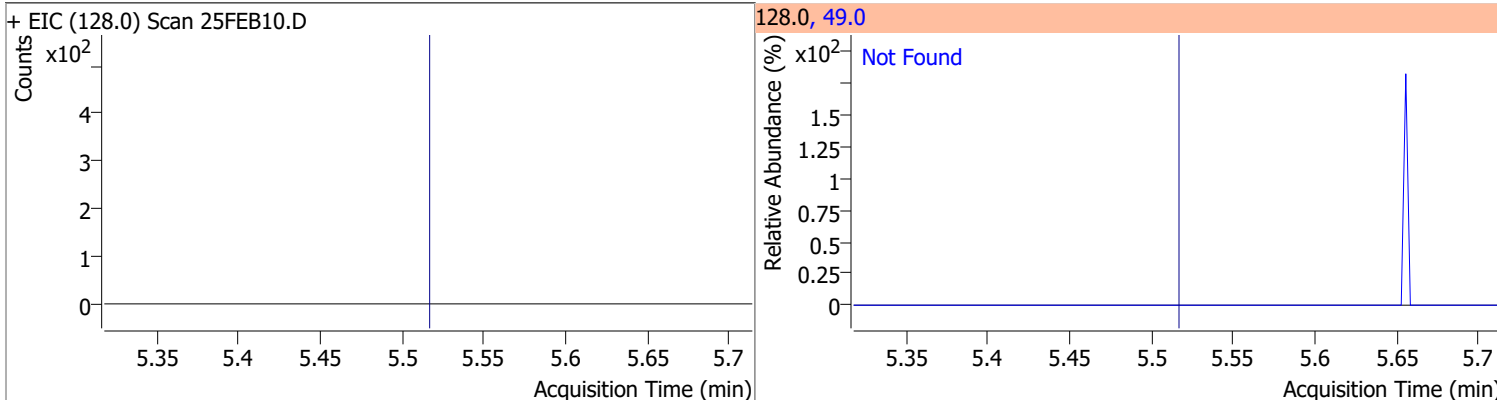
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



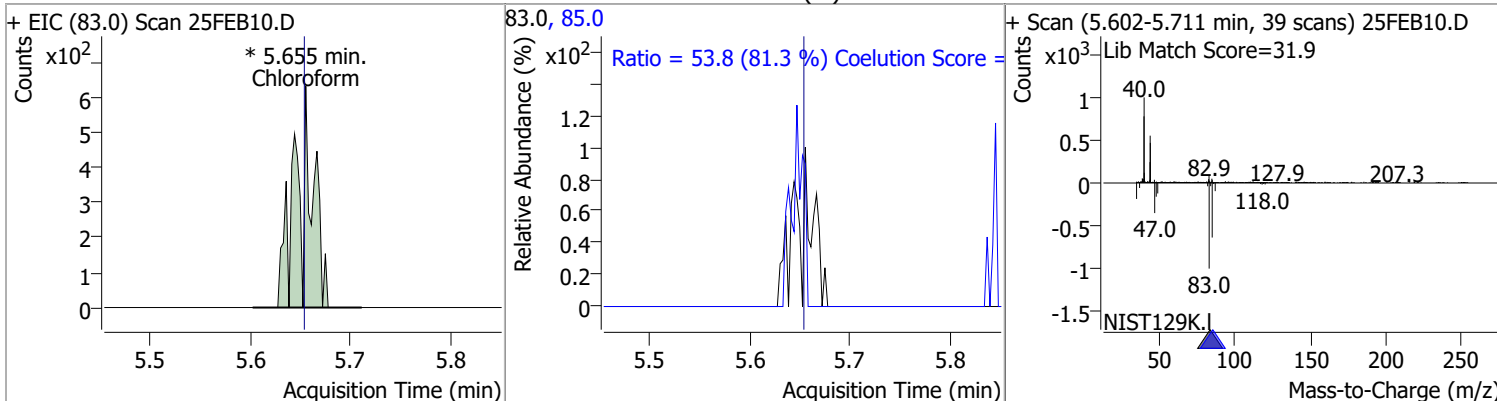
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



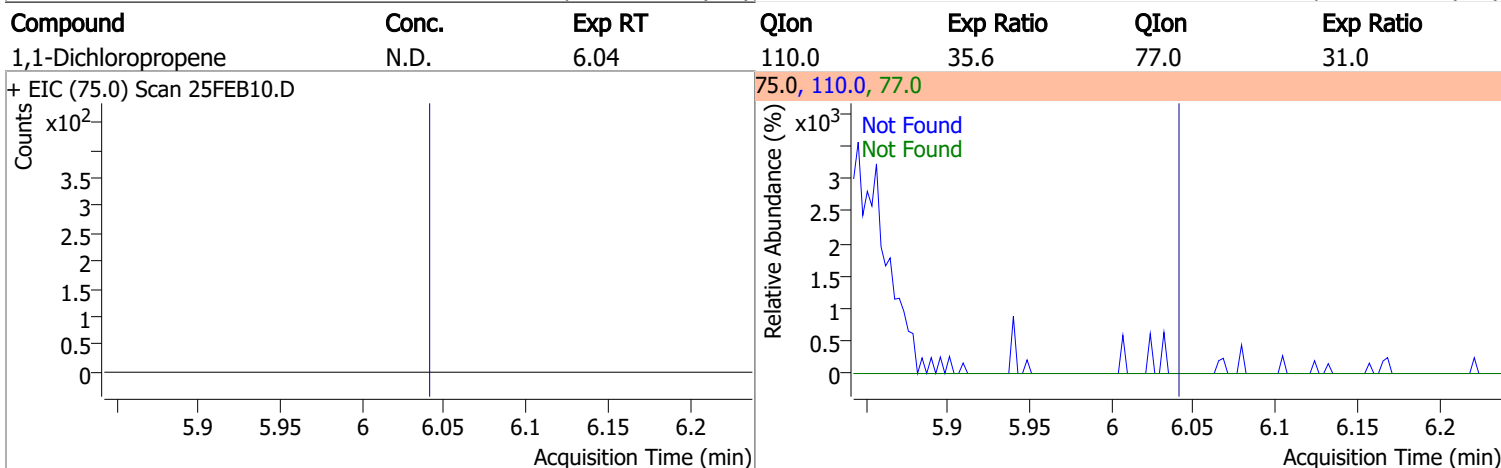
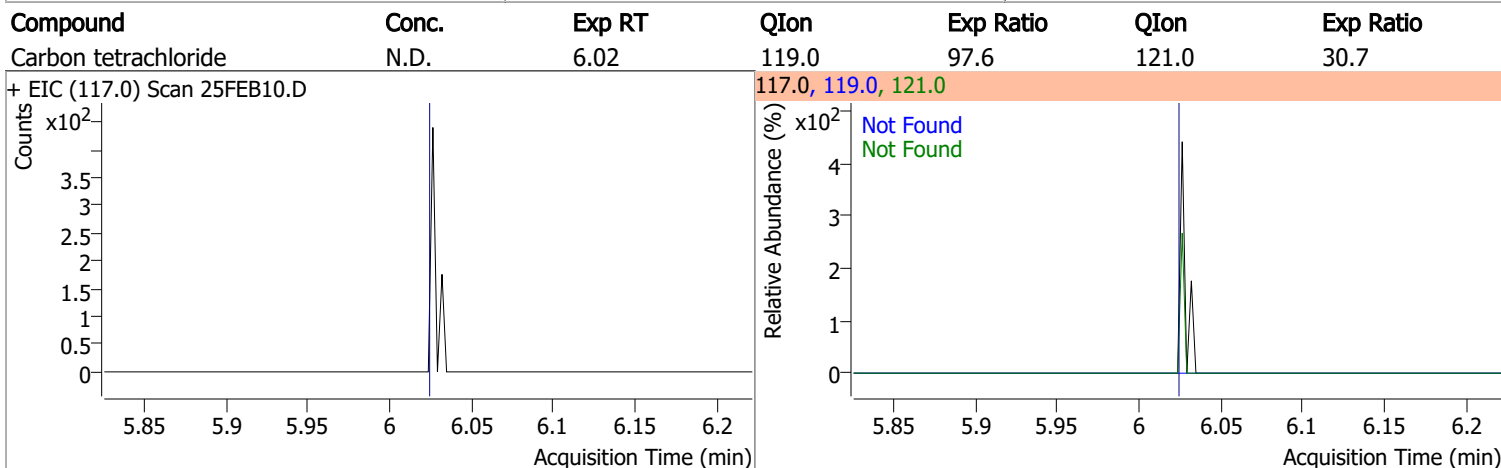
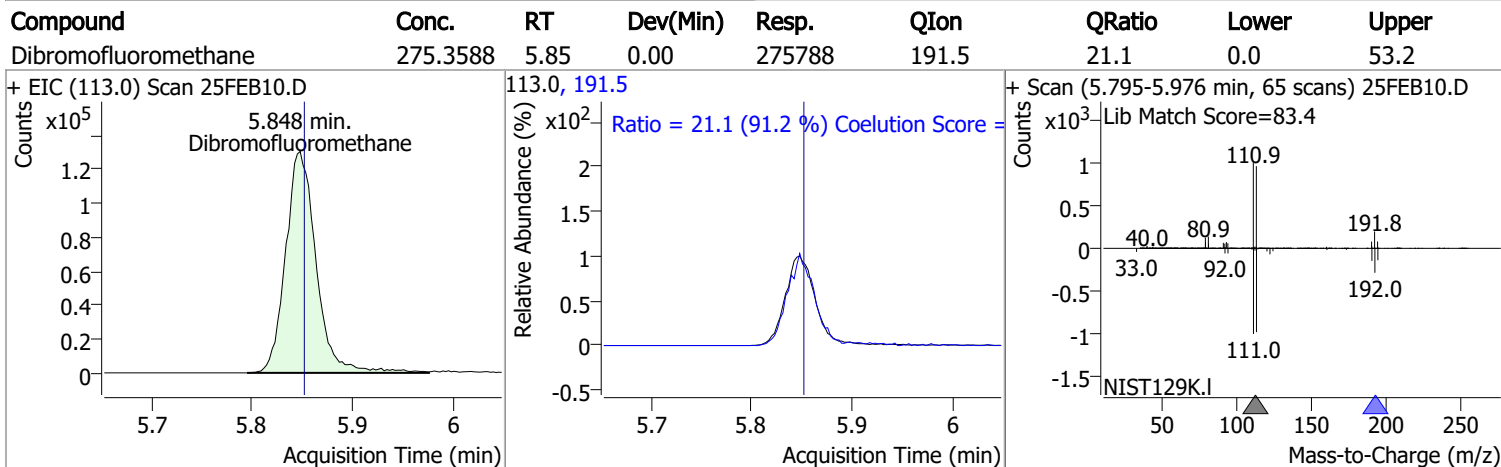
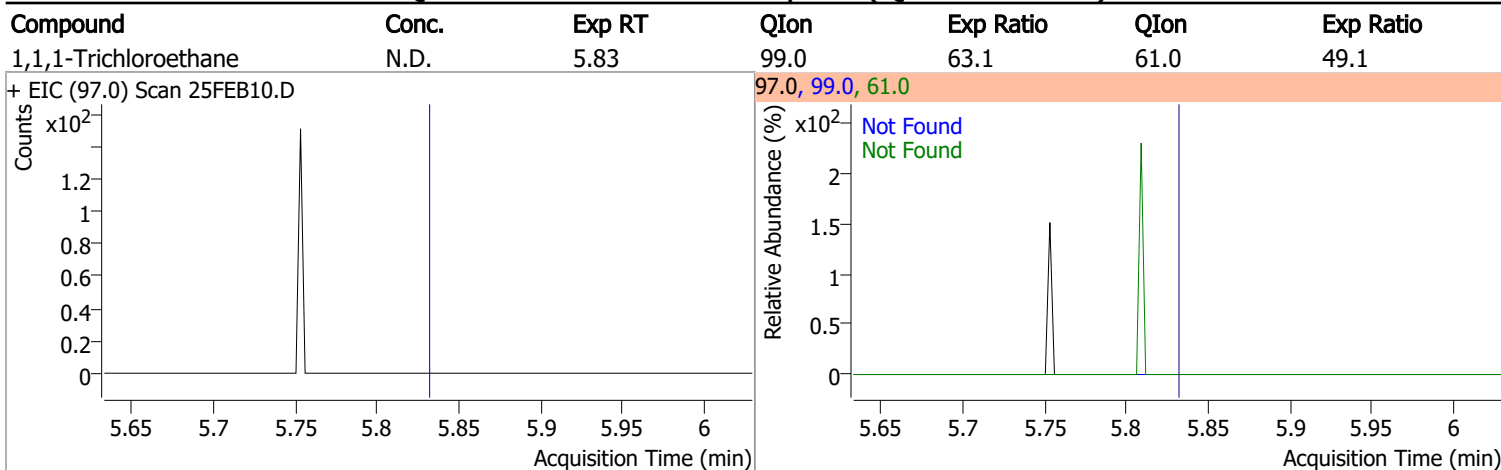
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|---------|------|--------|-------|-------|
| Chloroform | 0.3985 | 5.66 | 0.00 | 800 (m) | 85.0 | 53.8 | 36.2 | 96.2 |

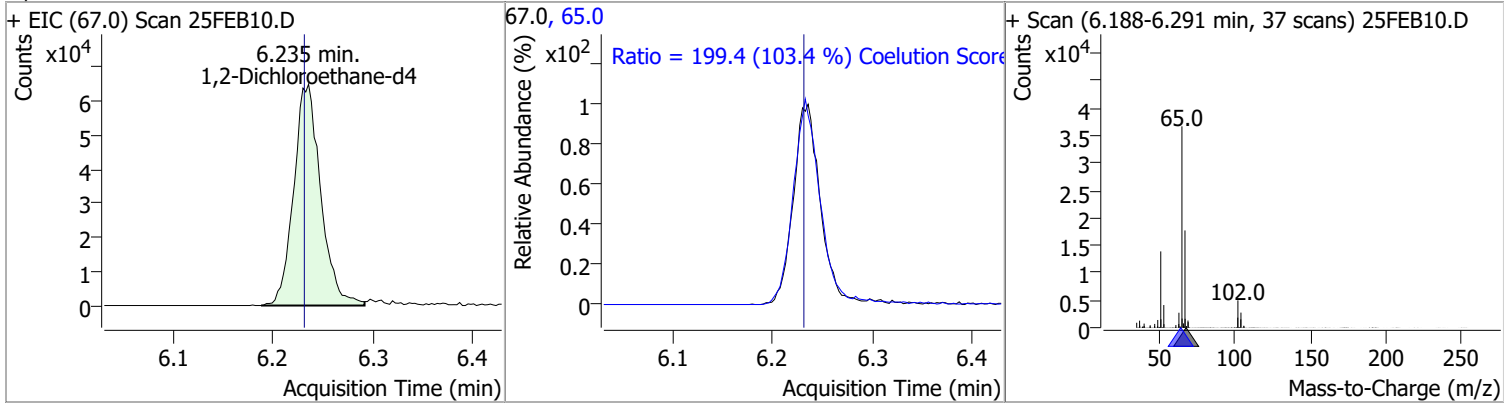


Quantitation Results Report (QT Reviewed)

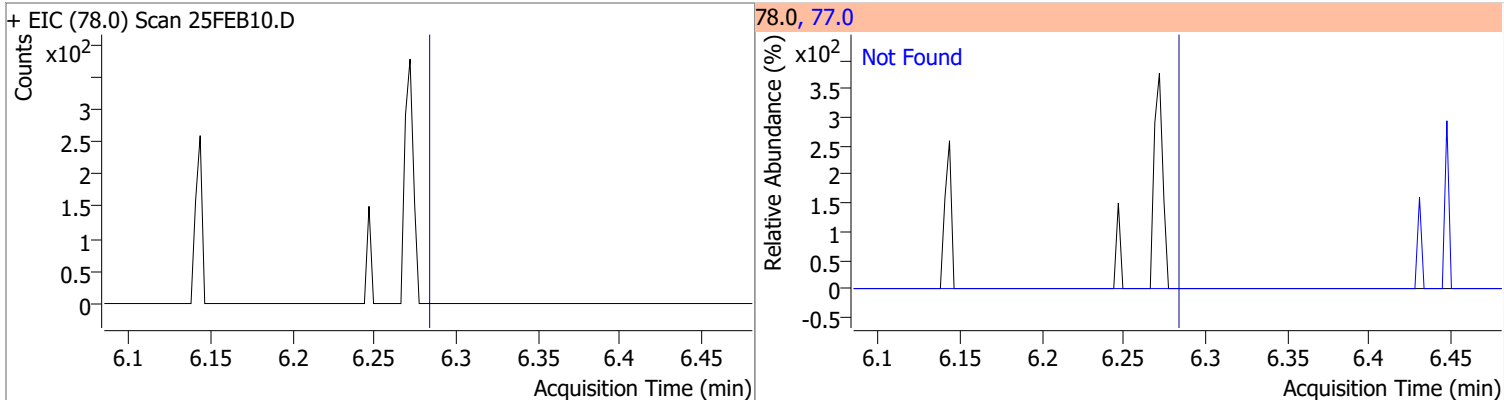


Quantitation Results Report (QT Reviewed)

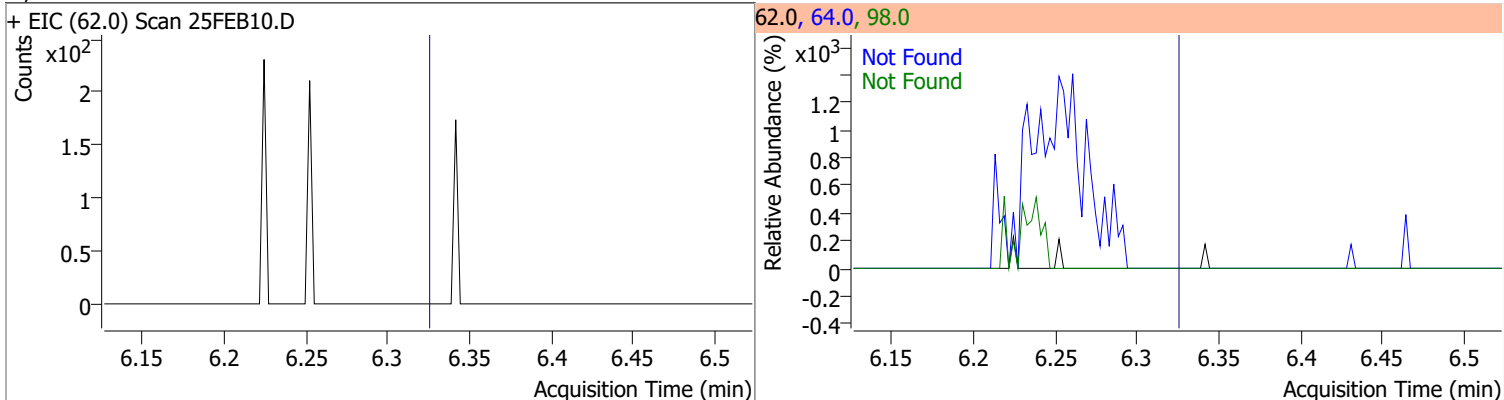
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 280.6977 | 6.24 | 0.01 | 121443 | 65.0 | 199.4 | 162.8 | 222.8 |



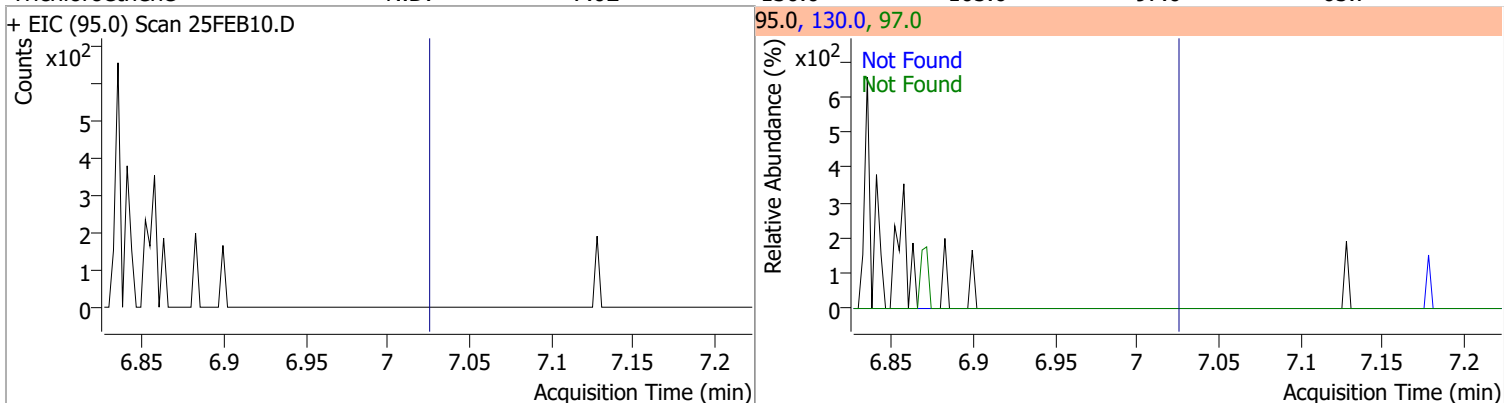
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



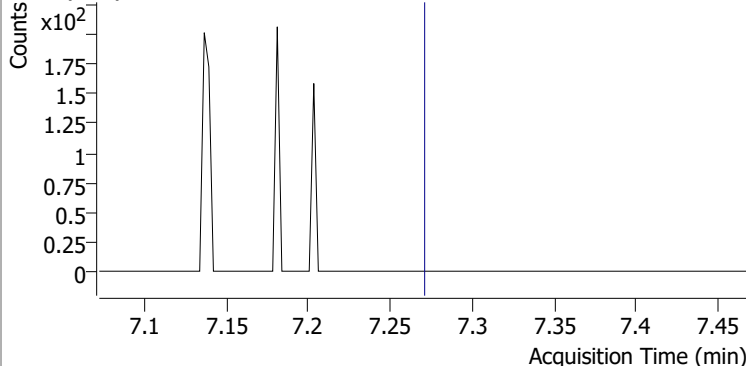
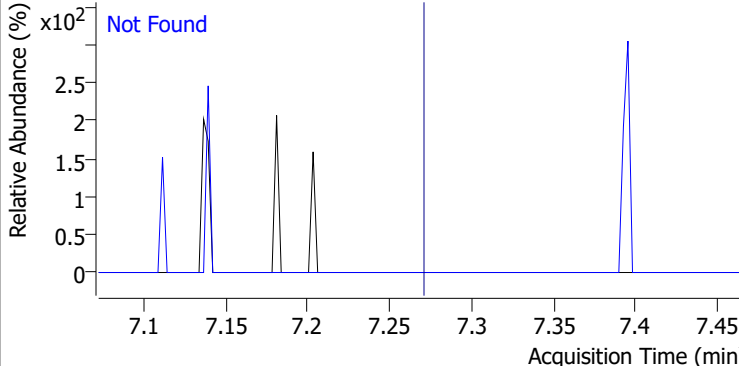
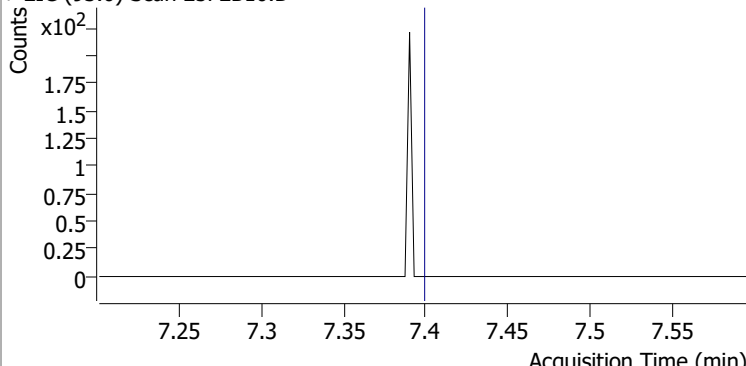
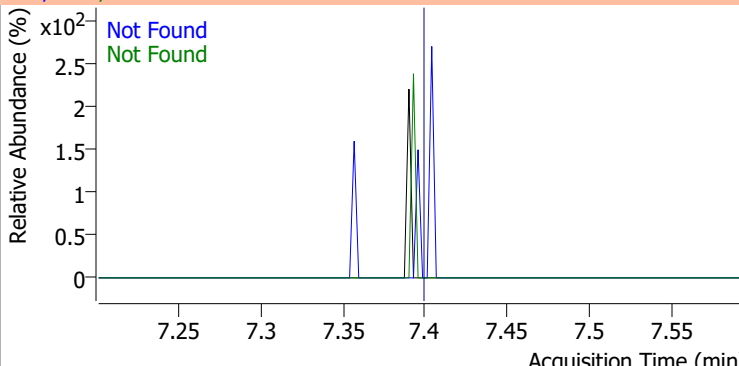
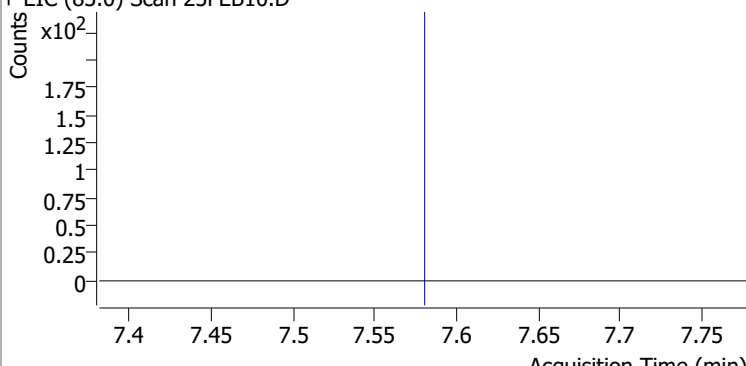
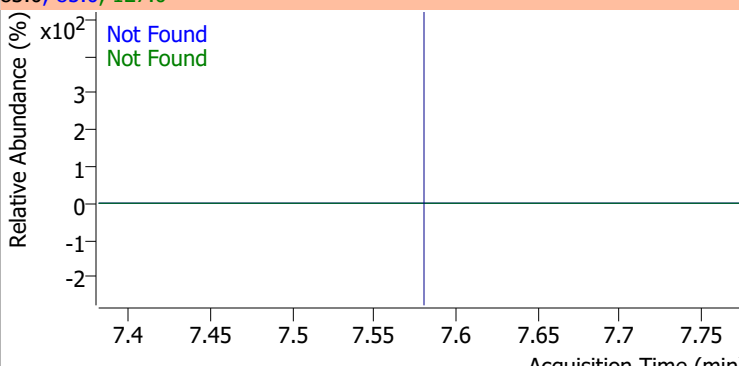
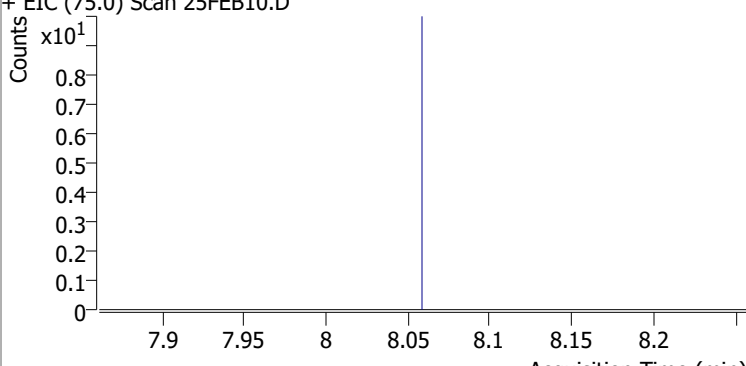
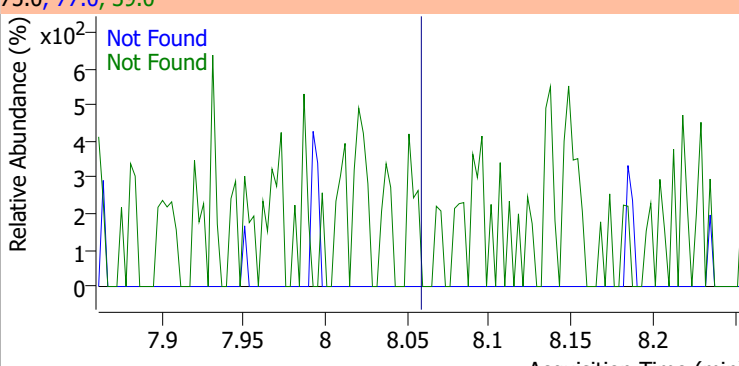
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

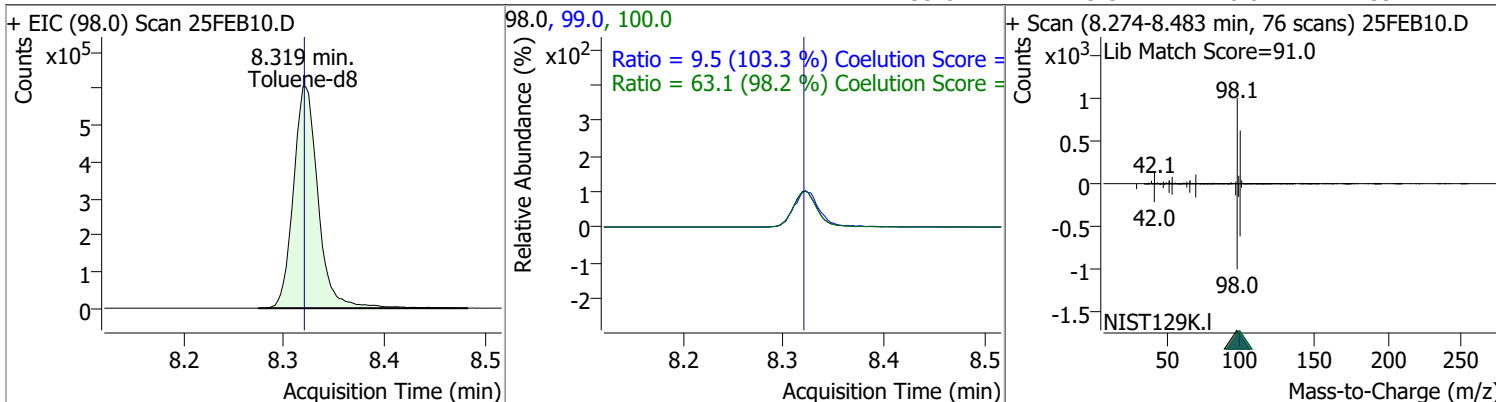


Quantitation Results Report (QT Reviewed)

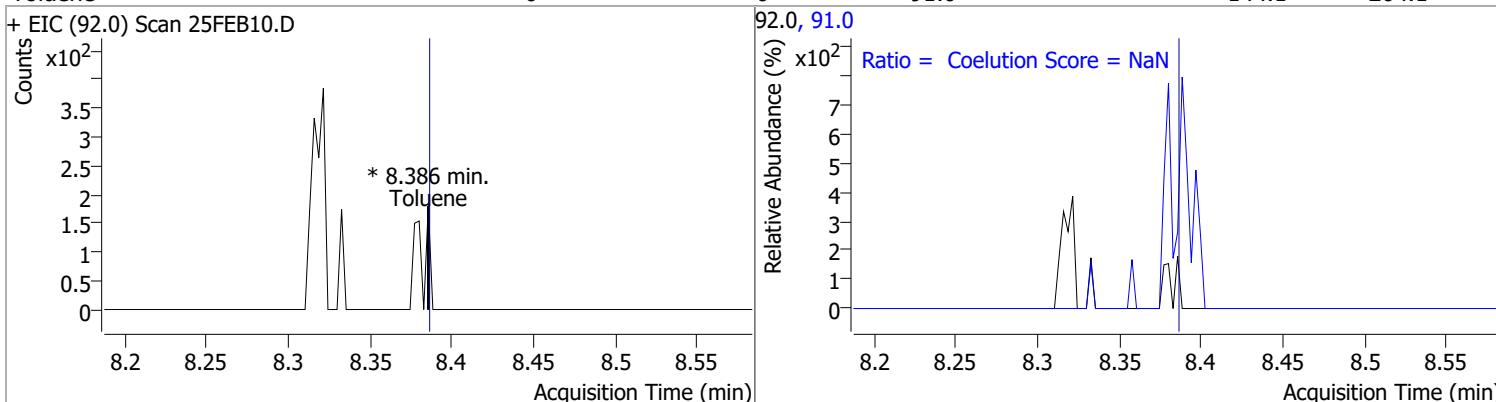
| Compound | Conc. | Exp RT | QIon | Exp Ratio | | |
|--|-------|--------|--|-----------|-------|------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 | | |
| + EIC (63.0) Scan 25FEB10.D | | | 63.0, 76.0 | | | |
|  | | |  | | | |
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |
| + EIC (93.0) Scan 25FEB10.D | | | 93.0, 95.0, 173.5 | | | |
|  | | |  | | | |
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |
| + EIC (83.0) Scan 25FEB10.D | | | 83.0, 85.0, 127.0 | | | |
|  | | |  | | | |
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |
| + EIC (75.0) Scan 25FEB10.D | | | 75.0, 77.0, 39.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

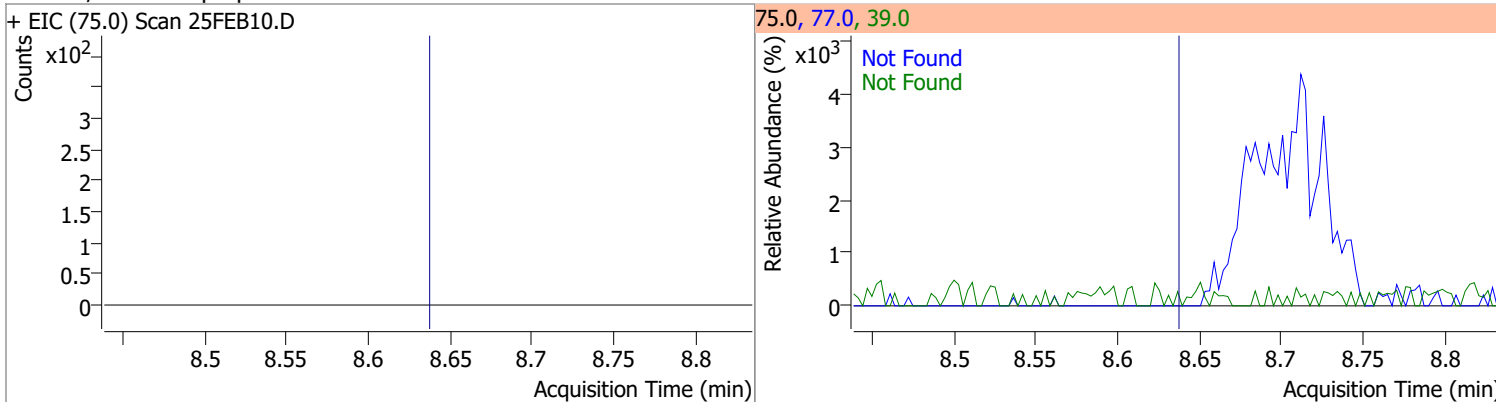
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 266.7419 | 8.32 | 0.00 | 1035941 | 100.0 | 63.1 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.5 | 0.0 | 39.2 |



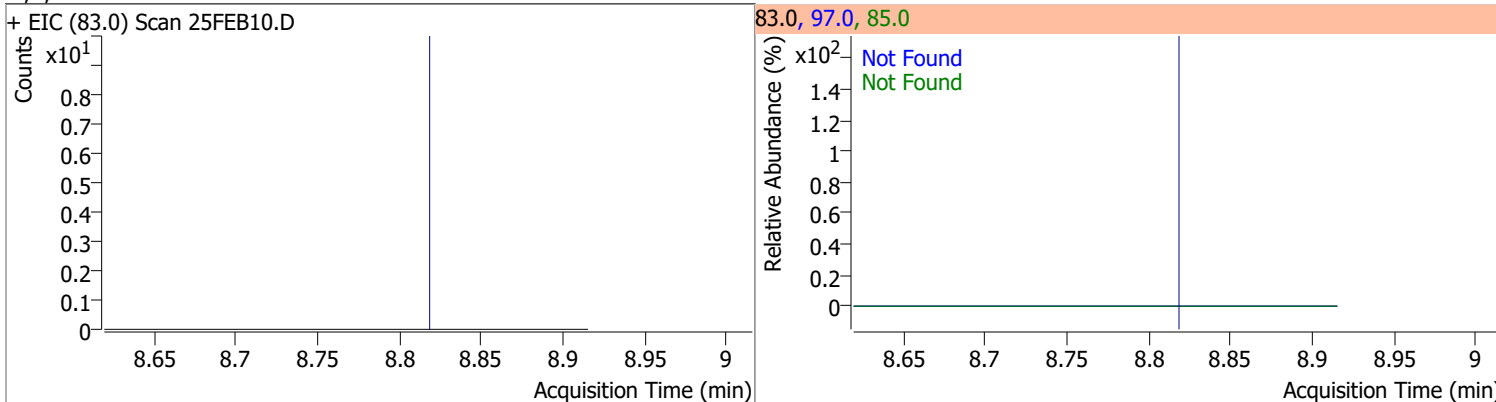
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
| Toluene | 0 | 0 | 0 | 0 | 91.0 | 144.1 | 204.1 | |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |



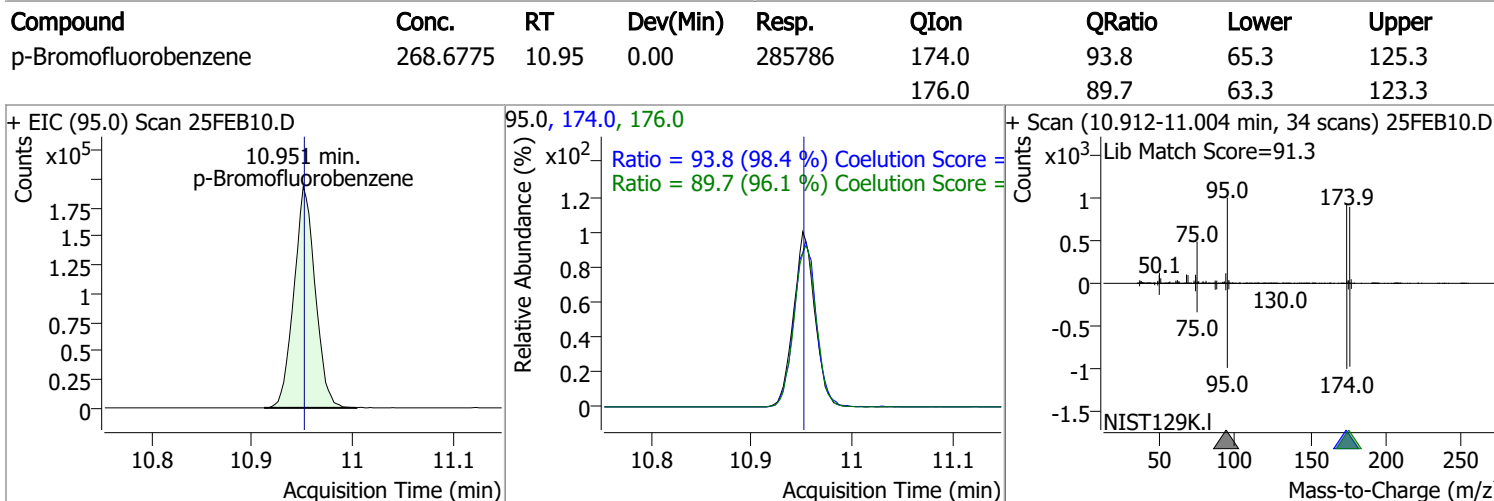
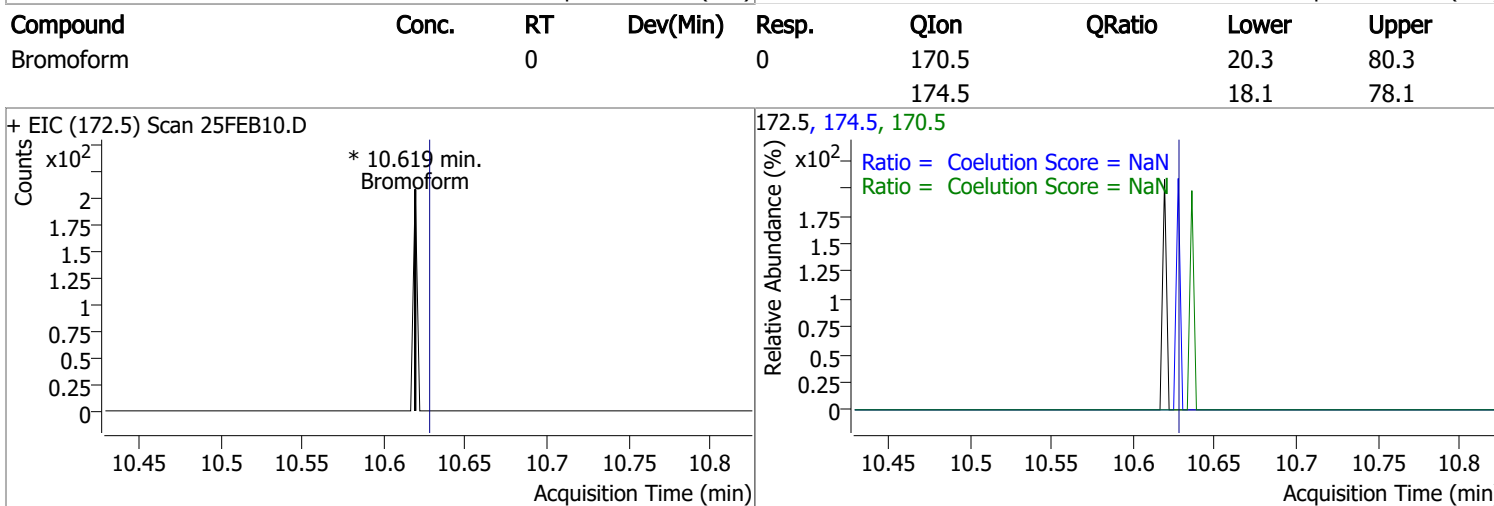
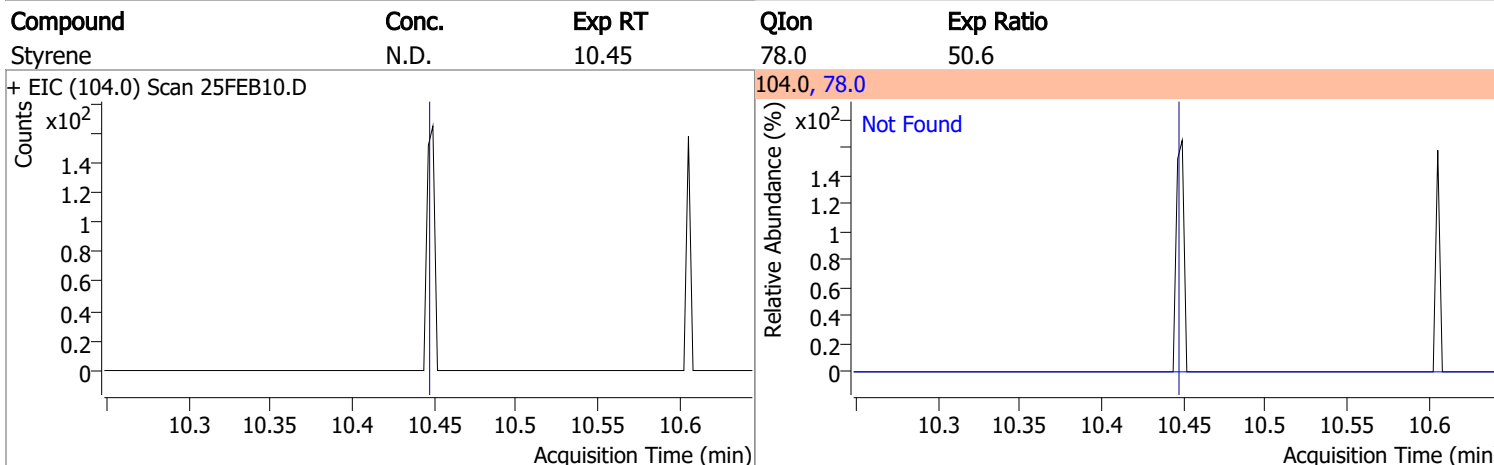
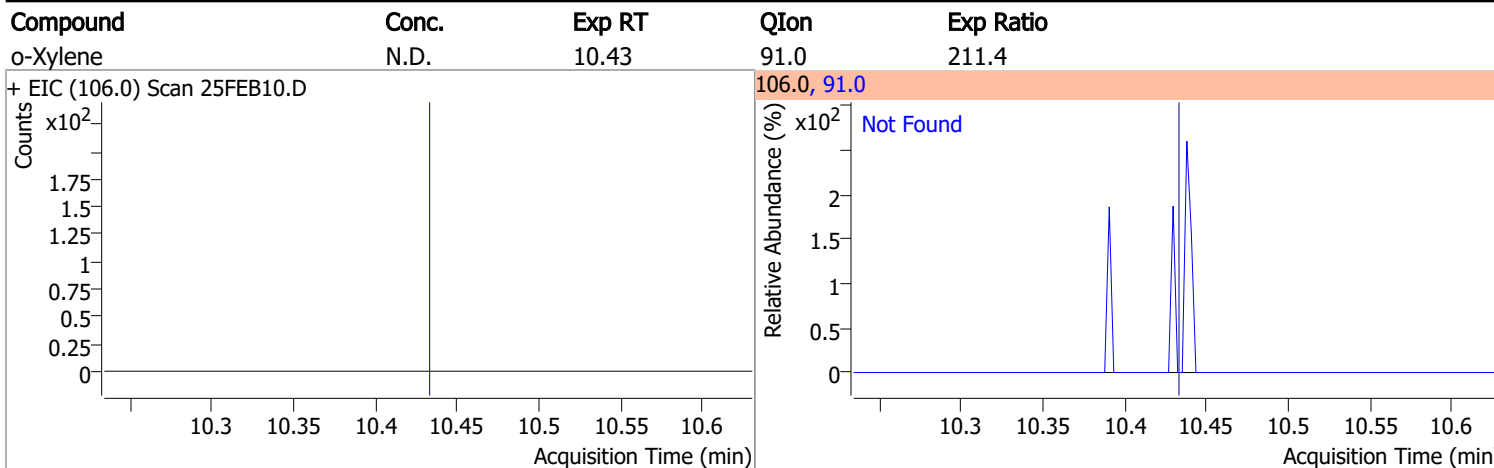
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------------|-------|--------|---------------------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |
| + EIC (163.8) Scan 25FEB10.D | | | 163.8, 129.0, 165.8 | | | |
| | | | | | | |
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 | | |
| + EIC (76.0) Scan 25FEB10.D | | | 76.0, 78.0 | | | |
| | | | | | | |
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 | | |
| + EIC (129.0) Scan 25FEB10.D | | | 129.0, 127.0 | | | |
| | | | | | | |
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 | | |
| + EIC (107.0) Scan 25FEB10.D | | | 107.0, 109.0 | | | |
| | | | | | | |

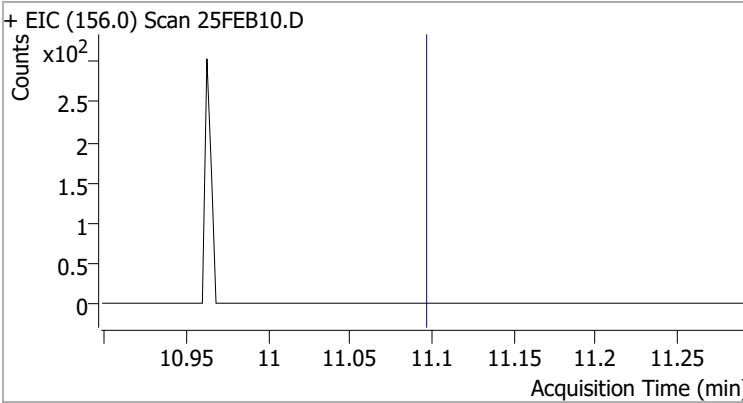
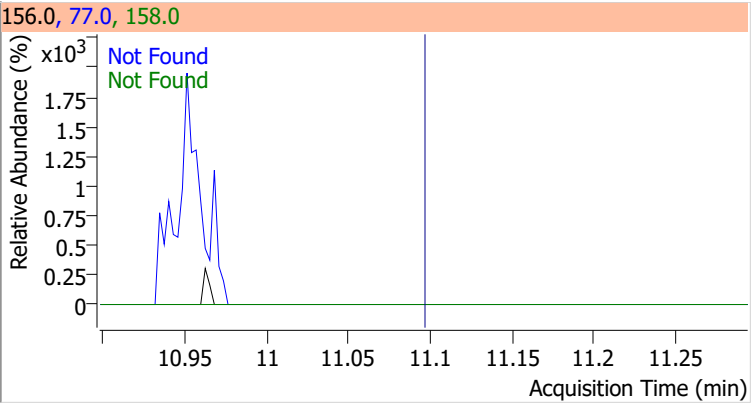
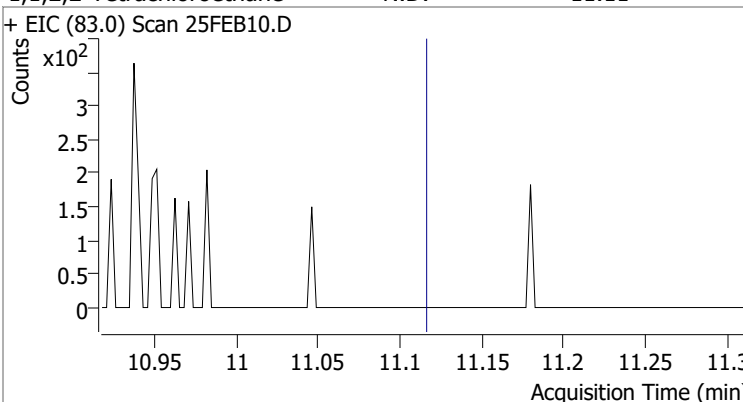
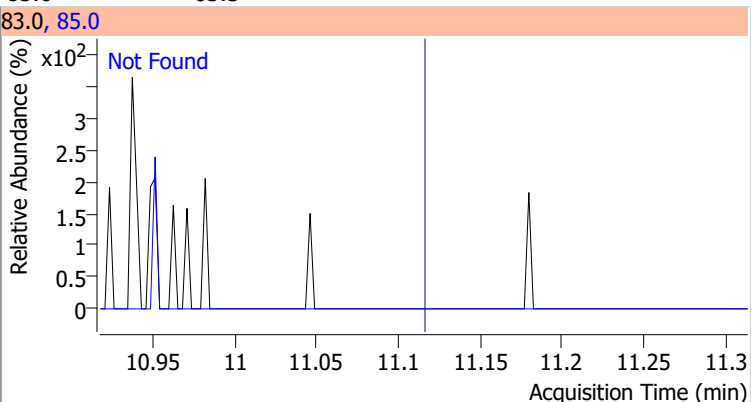
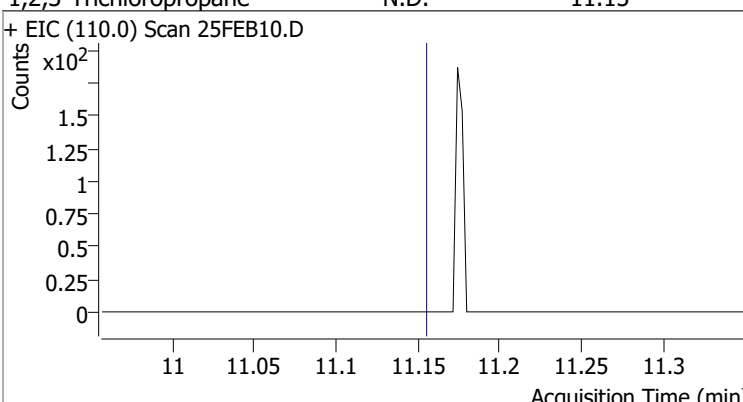
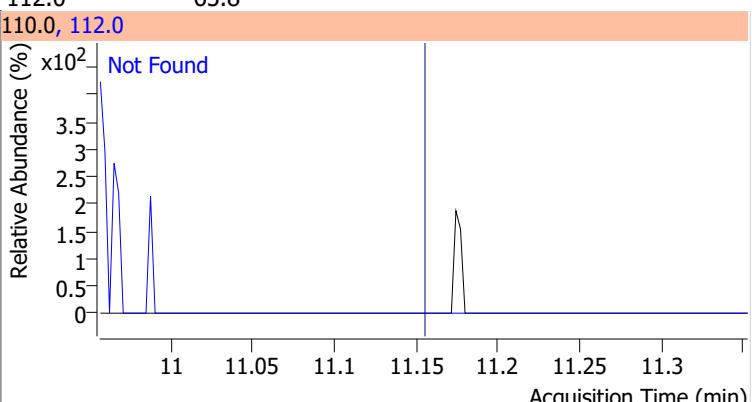
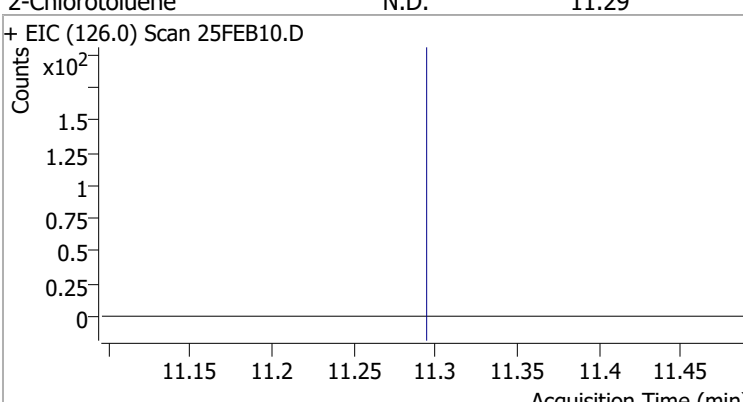
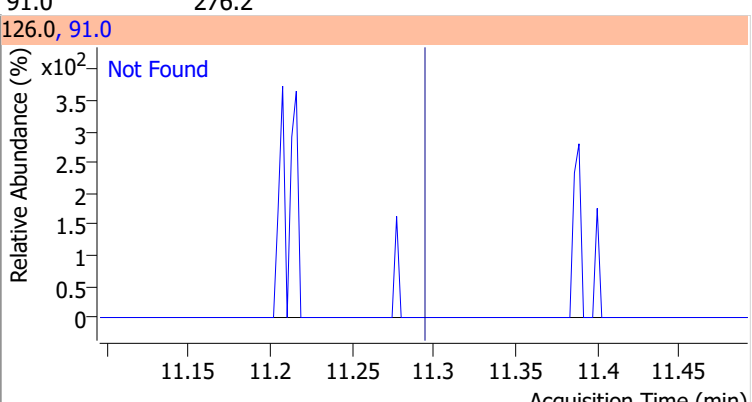
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------------|-------|--------|--------------|-----------|
| Chlorobenzene | N.D. | 9.80 | 114.0 | 32.2 |
| + EIC (112.0) Scan 25FEB10.D | | | 112.0, 114.0 | |
| | | | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |
| + EIC (131.0) Scan 25FEB10.D | | | 131.0, 133.0 | |
| | | | | |
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |
| + EIC (91.0) Scan 25FEB10.D | | | 91.0, 106.0 | |
| | | | | |
| m+p-Xylenes | N.D. | 10.04 | 91.0 | 200.7 |
| + EIC (106.0) Scan 25FEB10.D | | | 106.0, 91.0 | |
| | | | | |

Quantitation Results Report (QT Reviewed)

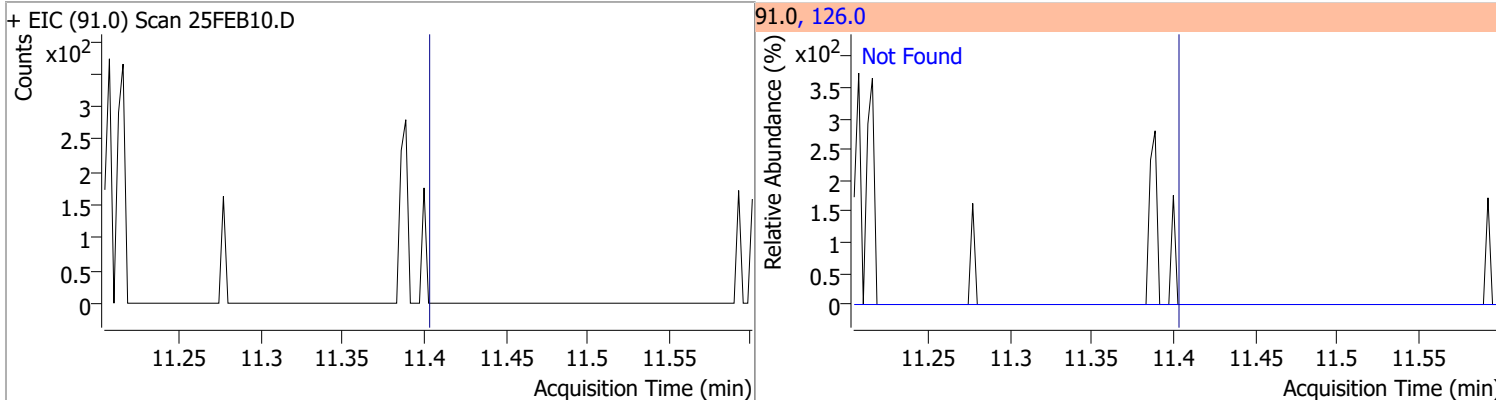


Quantitation Results Report (QT Reviewed)

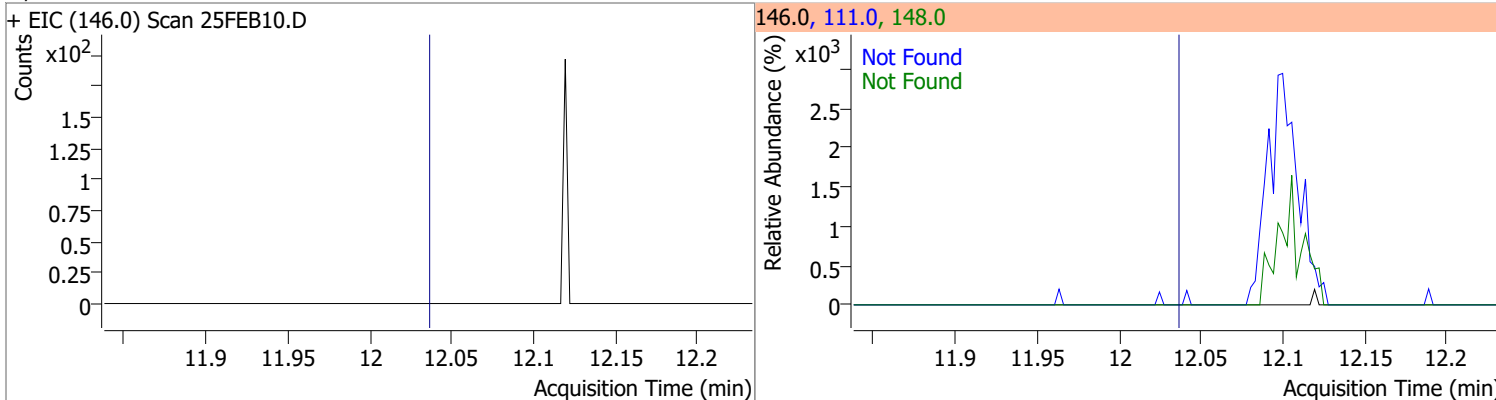
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB10.D | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB10.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB10.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB10.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

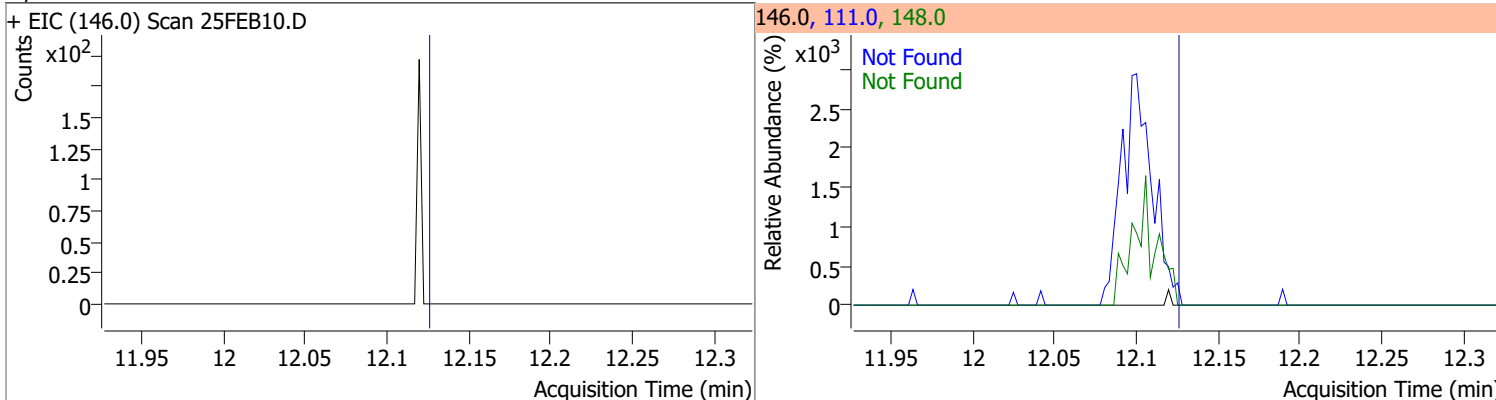
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 |



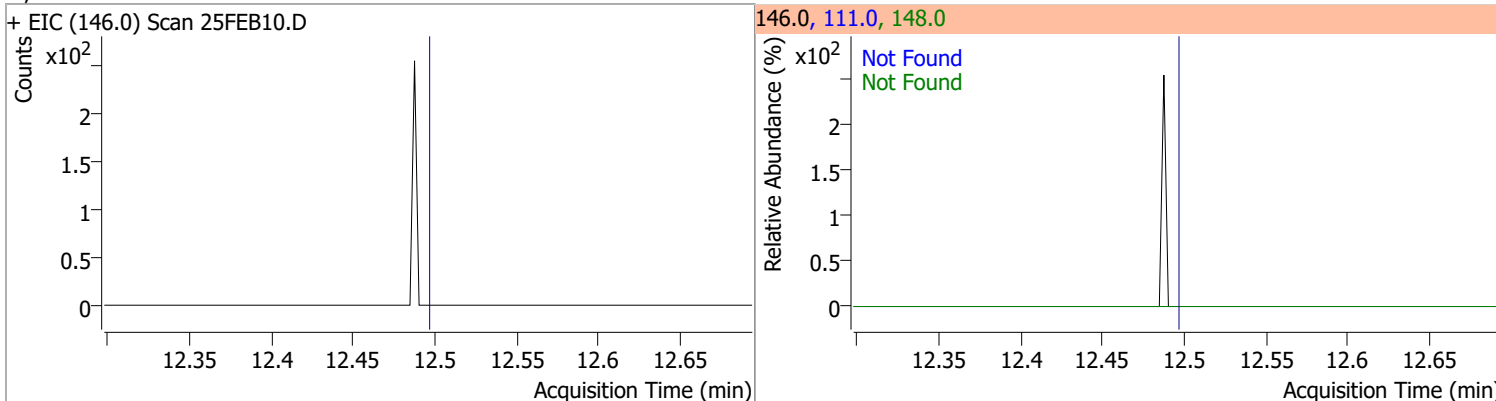
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | 111.0 | 38.7 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | 111.0 | 38.7 |

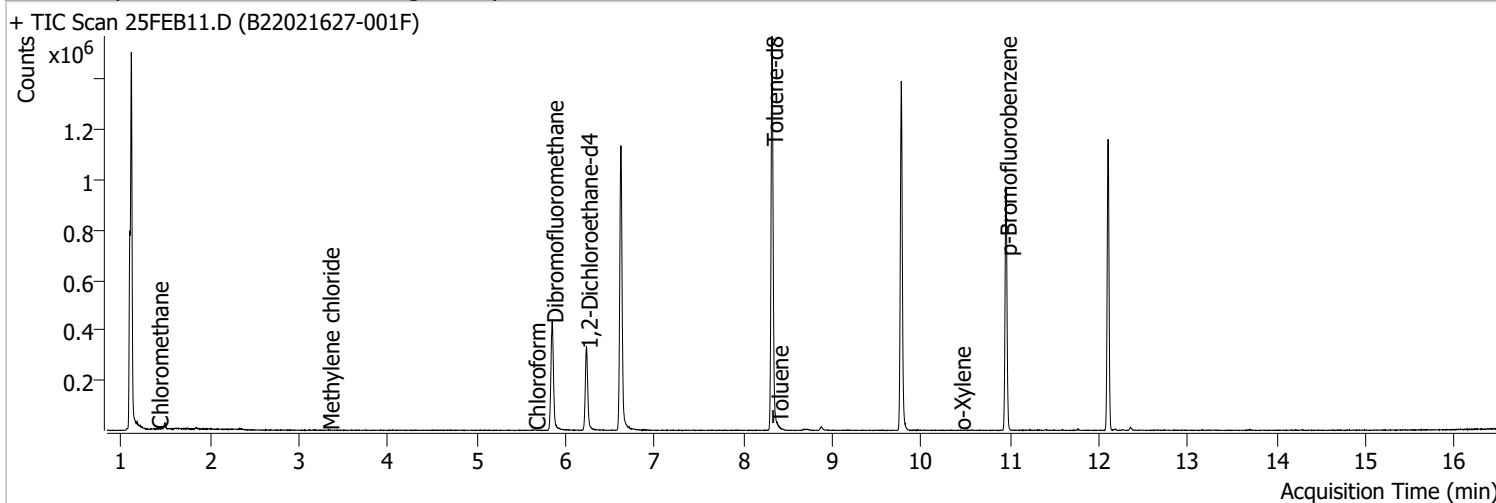


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | 111.0 | 39.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB11.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 2:52:48 PM |
| Sample Name | B22021627-001F | Instrument | VOA5975C |
| Vial | 11 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



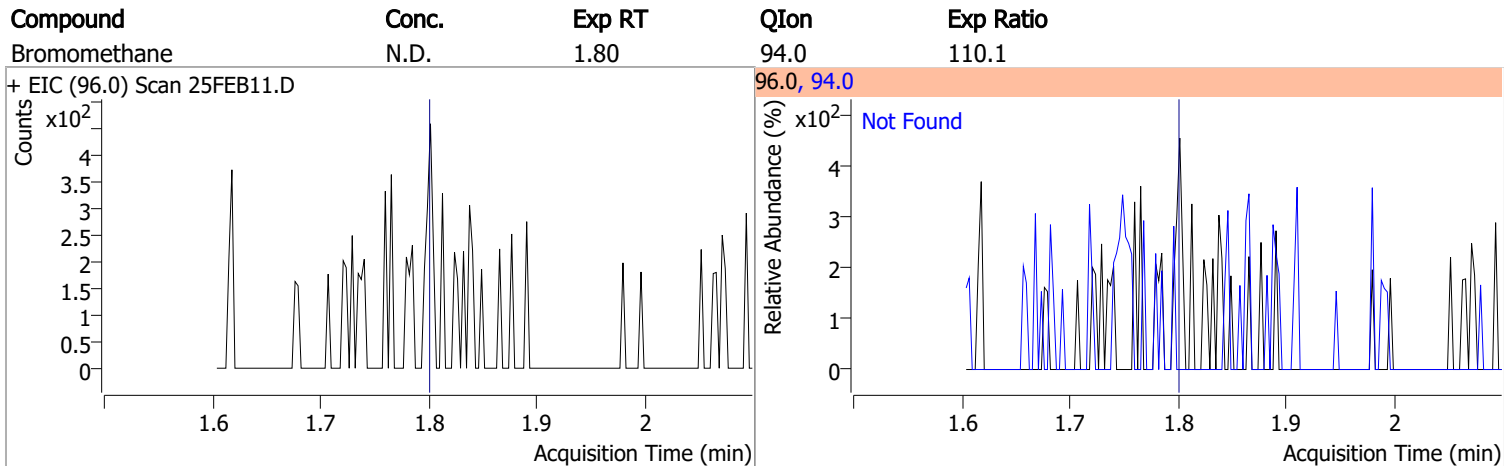
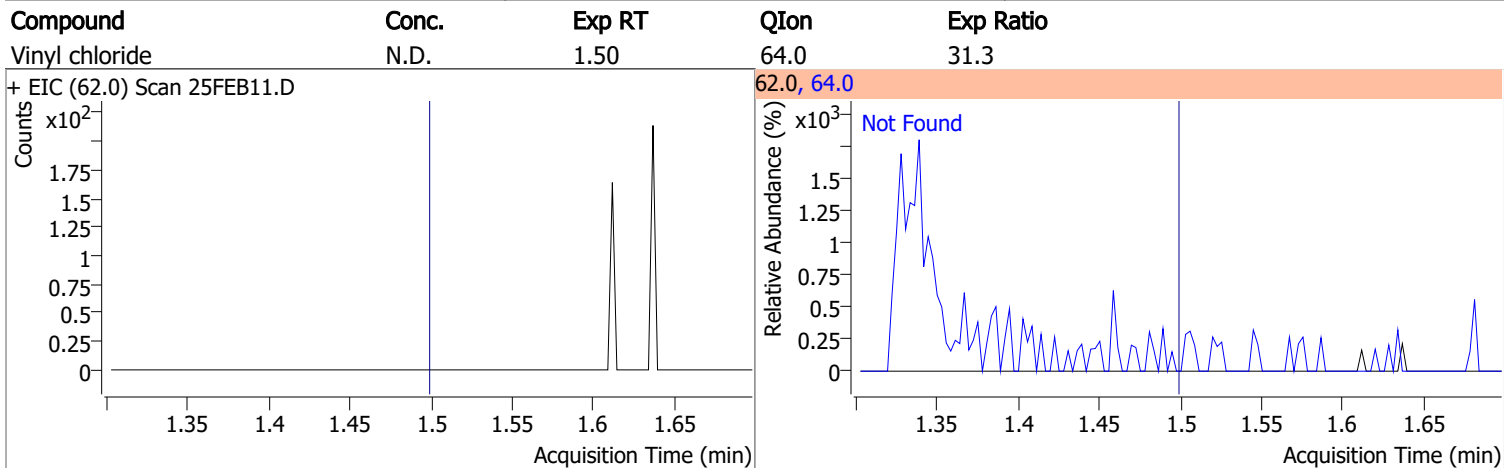
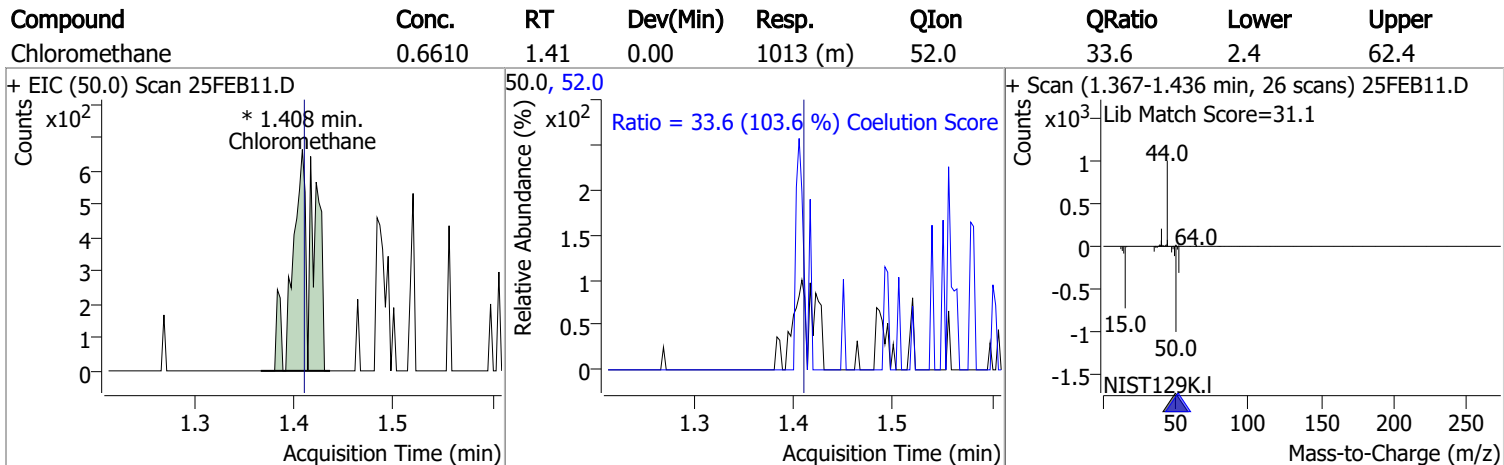
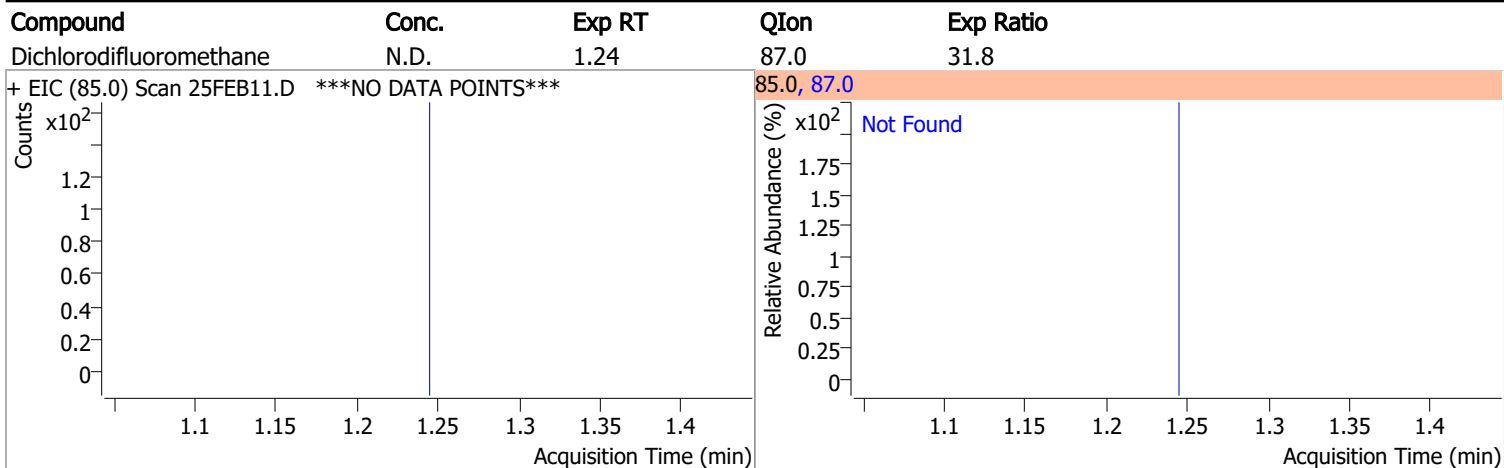
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|--------|----------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.623 | 96.0 | 968338 | 250.0000 | ng | 0.003 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 381494 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 277125 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.851 | 113.0 | 263494 | 280.9359 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 112.37% | | |
| S 1,2-Dichloroethane-d4 | 6.236 | 67.0 | 119675 | 295.3811 | ng | 0.005 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 118.15% * | | |
| S Toluene-d8 | 8.321 | 98.0 | 985101 | 264.6811 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 105.87% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 277692 | 271.3930 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 108.56% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.408 | 50.0 | 1013 | 0.6610 | ng | m 98 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.333 | 49.0 | 1137 | 0.8032 | ng | m 77 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.647 | 83.0 | 1857 | 0.9880 | ng | m 98 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Benzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Toluene | 8.383 | 92.0 | 1056 | 0.4256 | ng | m | 88 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | | |
| T m+p-Xylenes | 10.034 | 106.0 | 0 | | ng | md | 1 |
| T o-Xylene | 10.432 | 106.0 | 316 | 1.1657 | ng | m | 93 |
| T Styrene | 0.000 | | 0 | N.D. | | | |
| T Bromoform | 0.000 | | 0 | N.D. | | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |

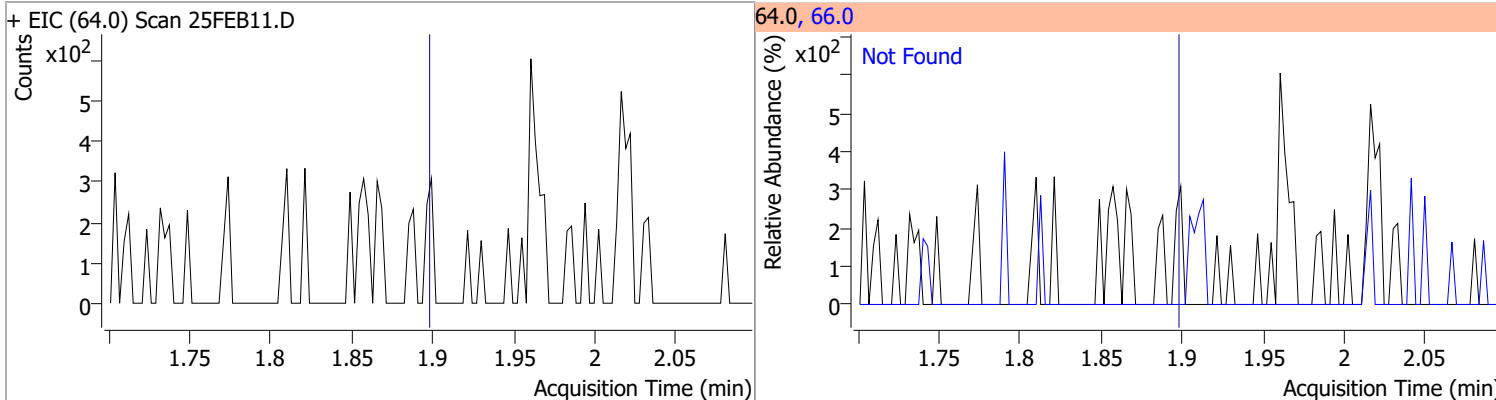
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

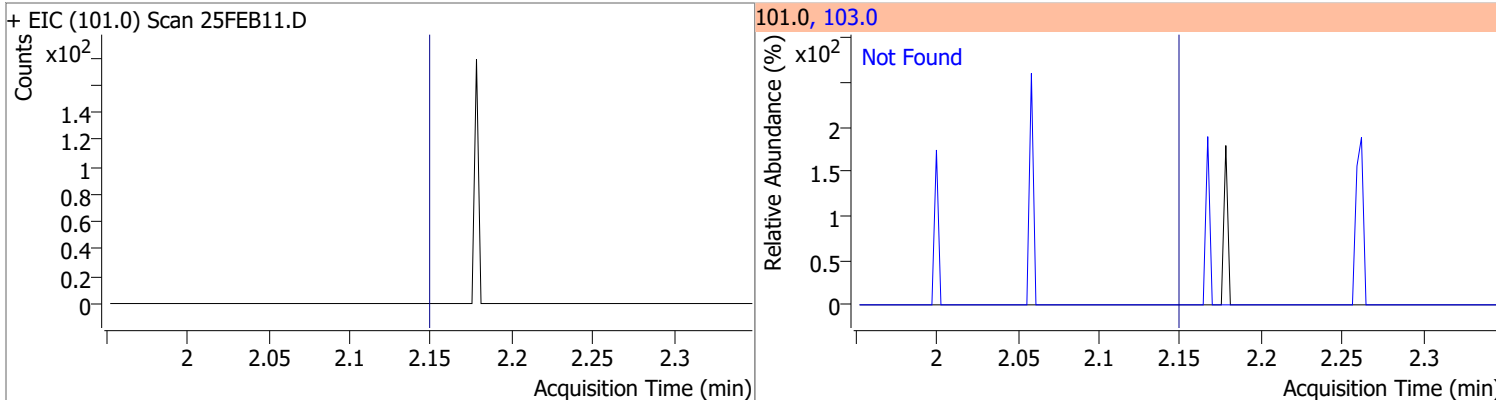


Quantitation Results Report (QT Reviewed)

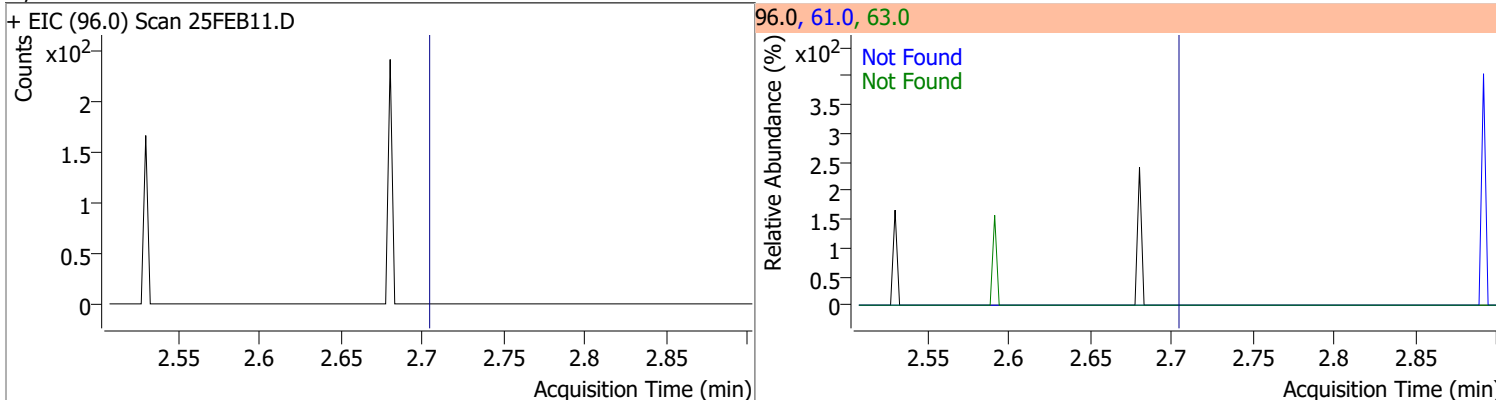
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



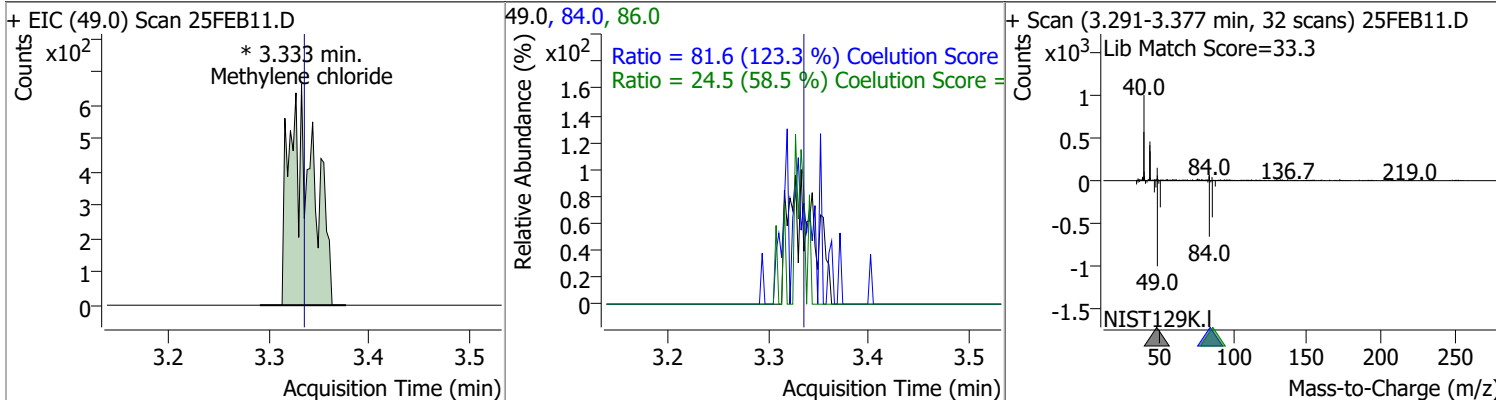
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |

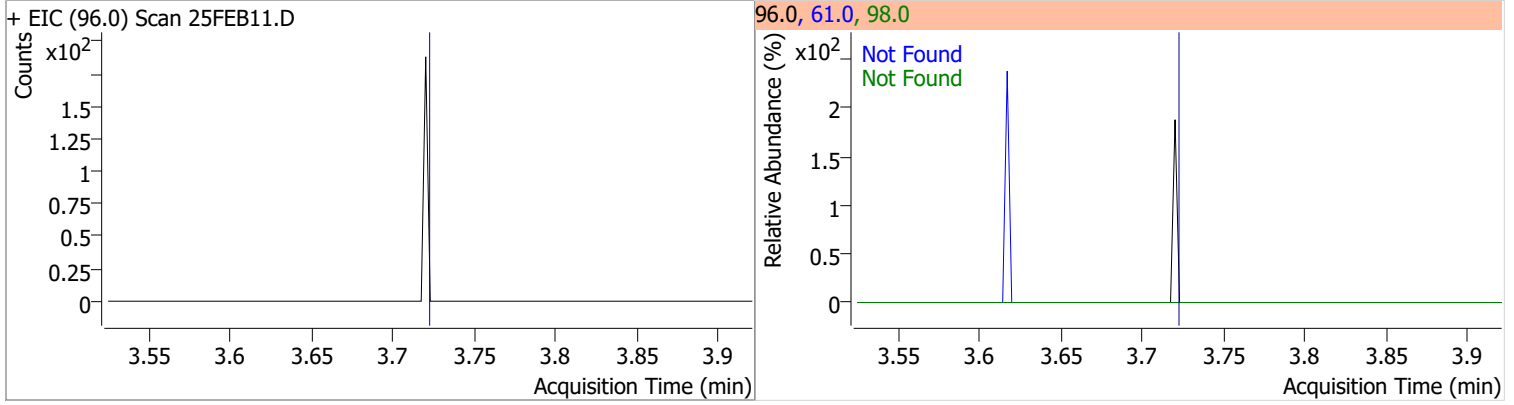


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 0.8032 | 3.33 | 0.00 | 1137 (m) | 84.0 | 81.6 | 36.1 | 96.1 |
| | | | | | 86.0 | 24.5 | 11.8 | 71.8 |

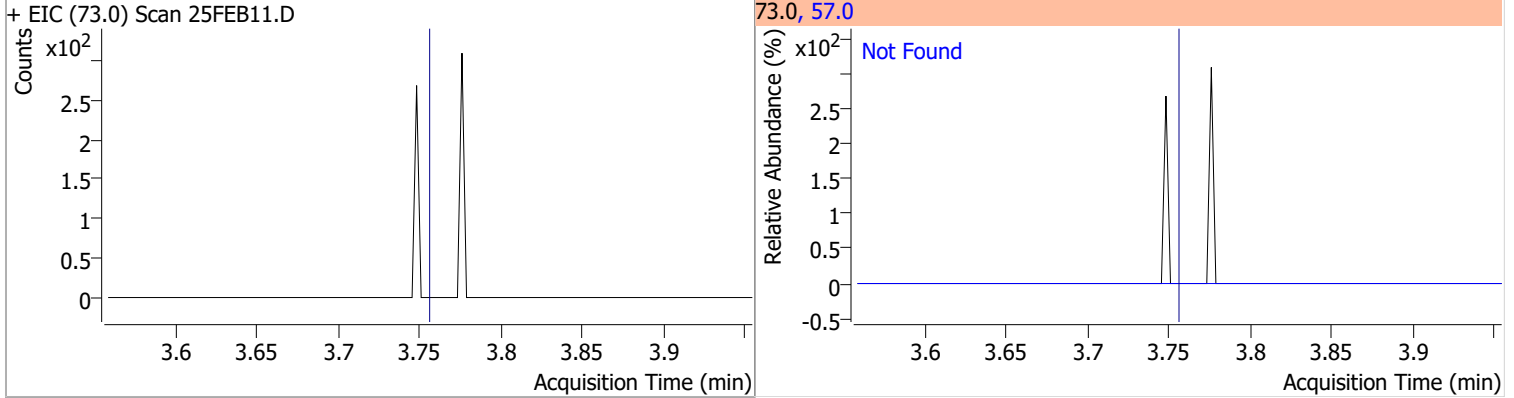


Quantitation Results Report (QT Reviewed)

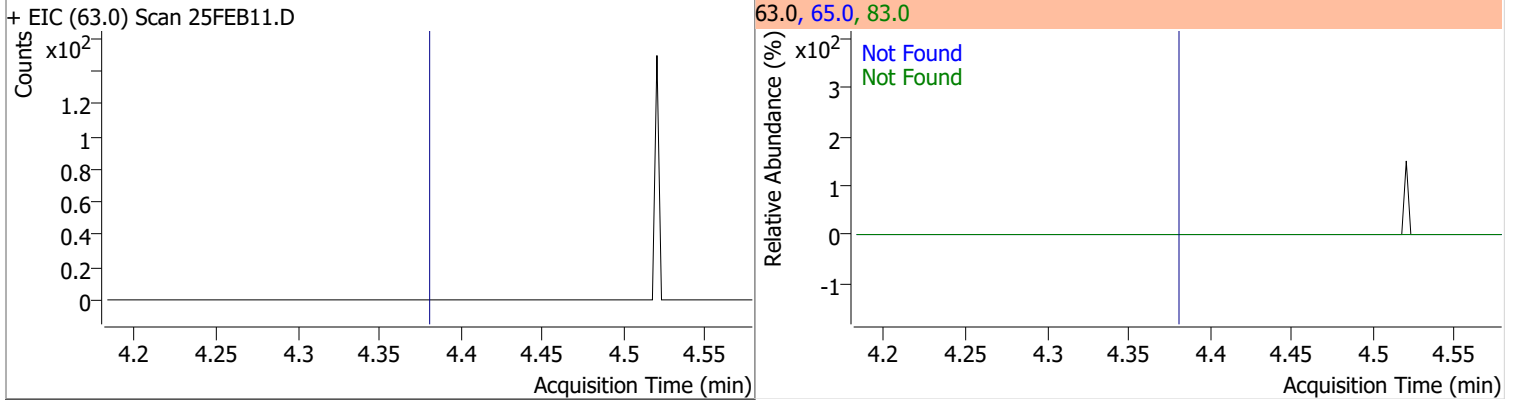
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



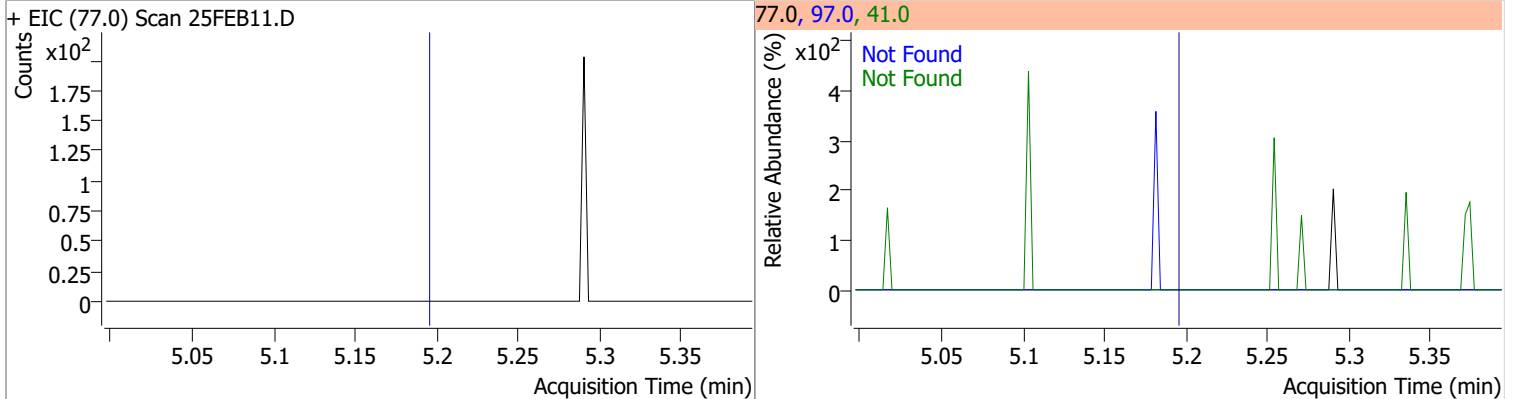
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

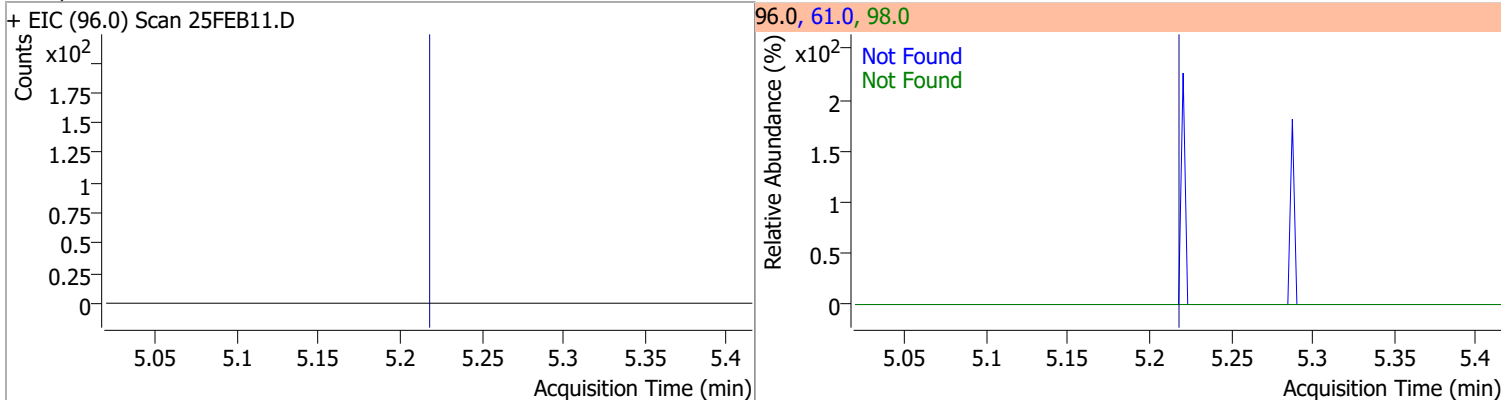


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

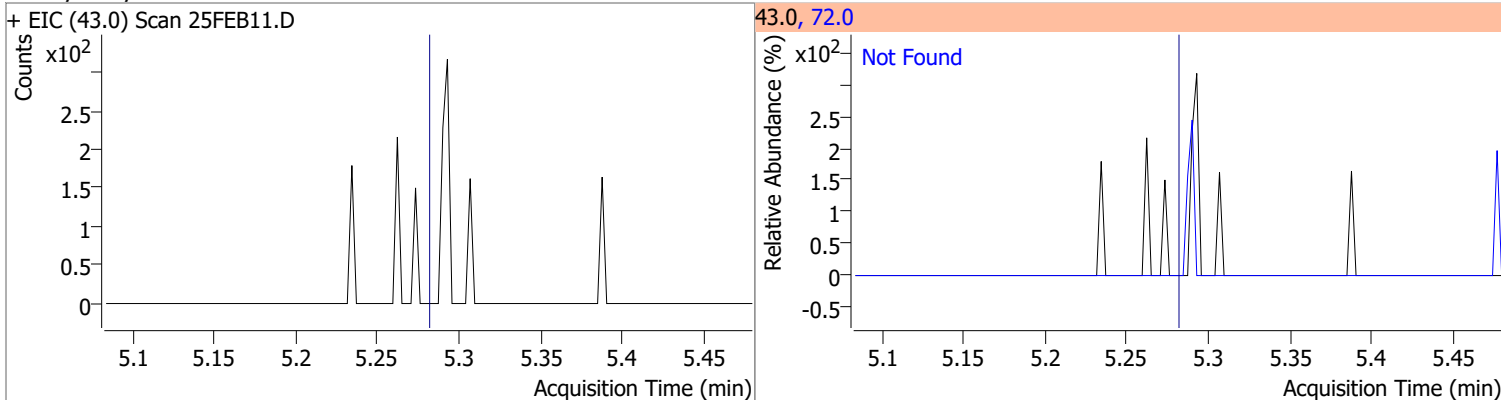


Quantitation Results Report (QT Reviewed)

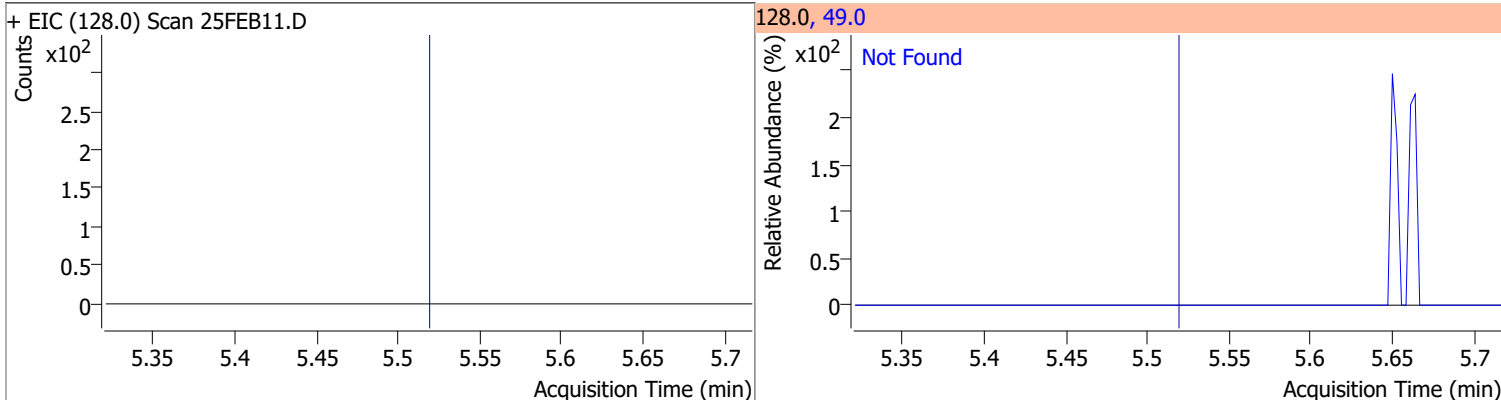
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



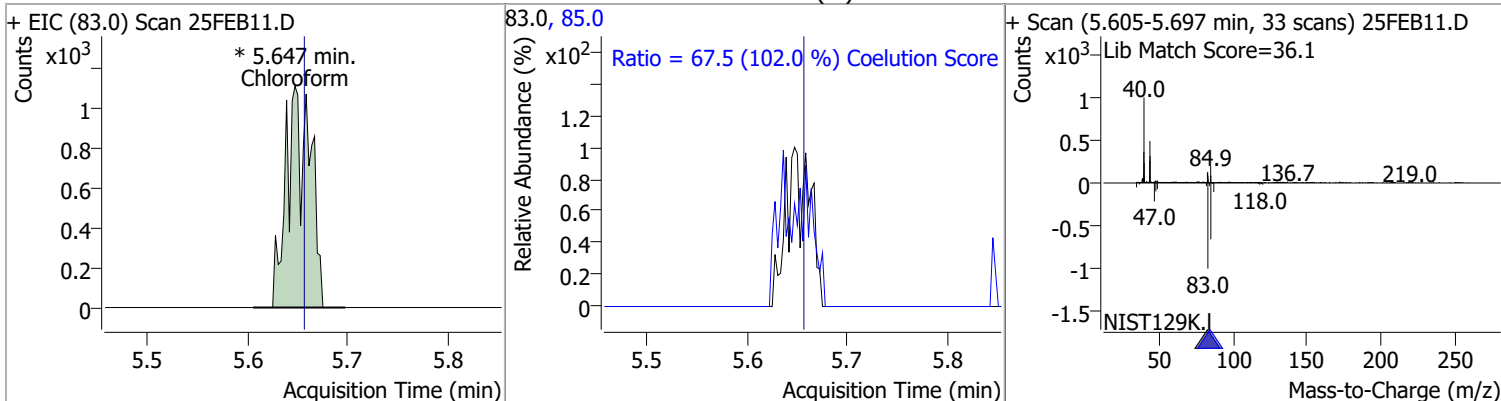
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



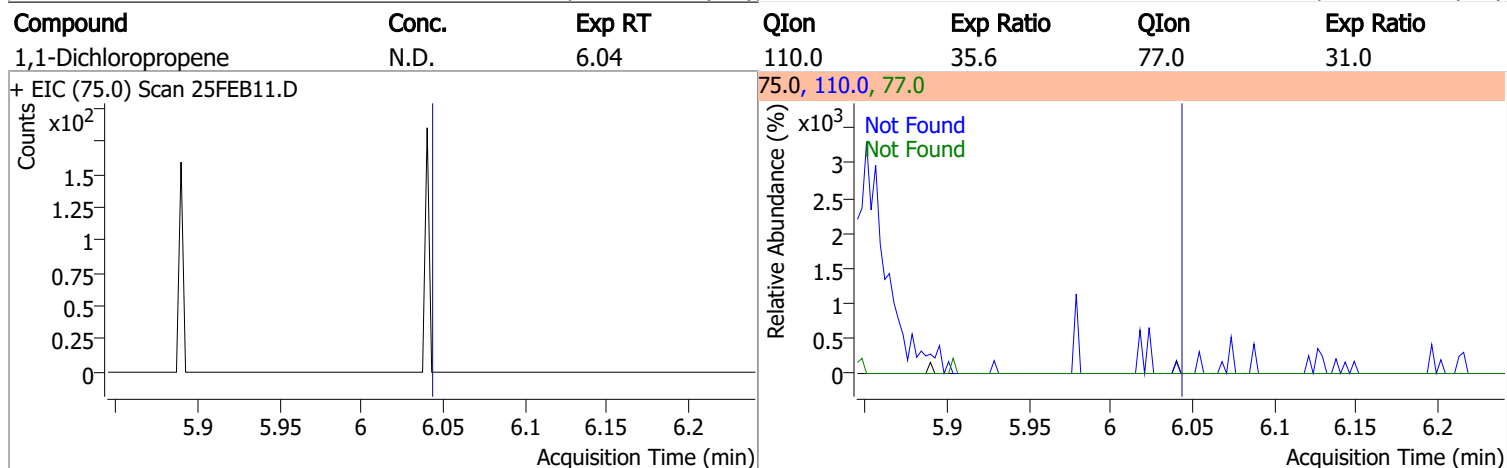
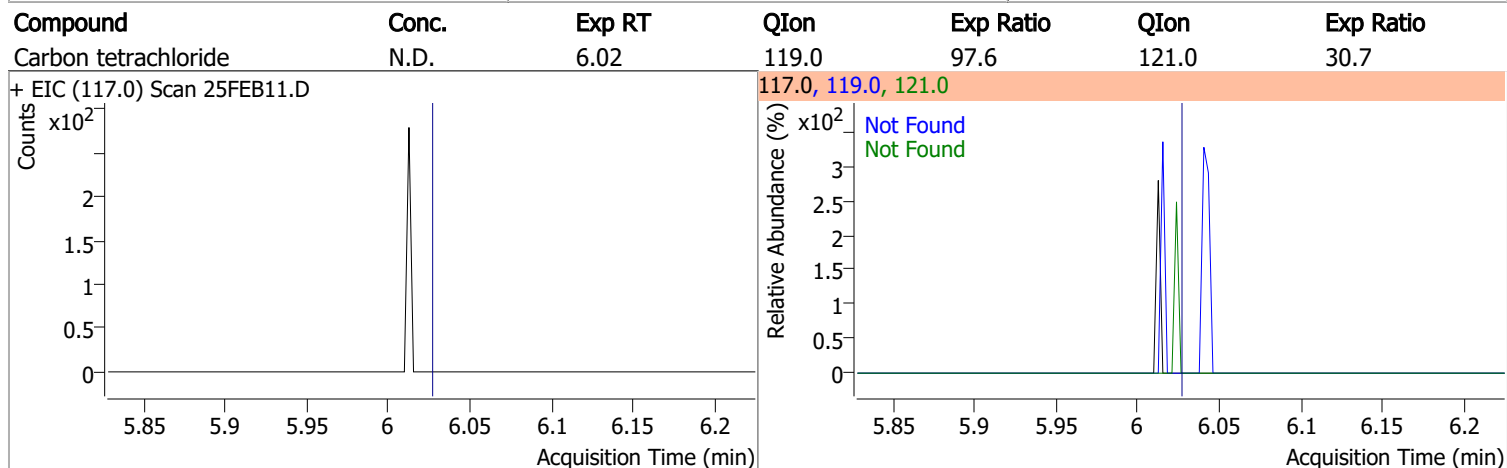
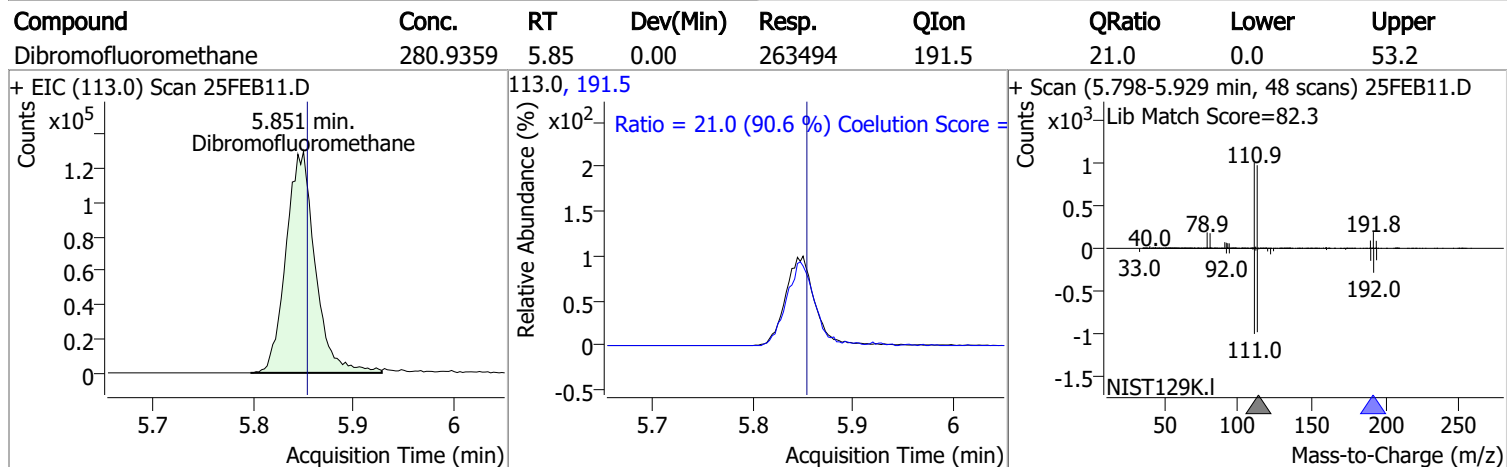
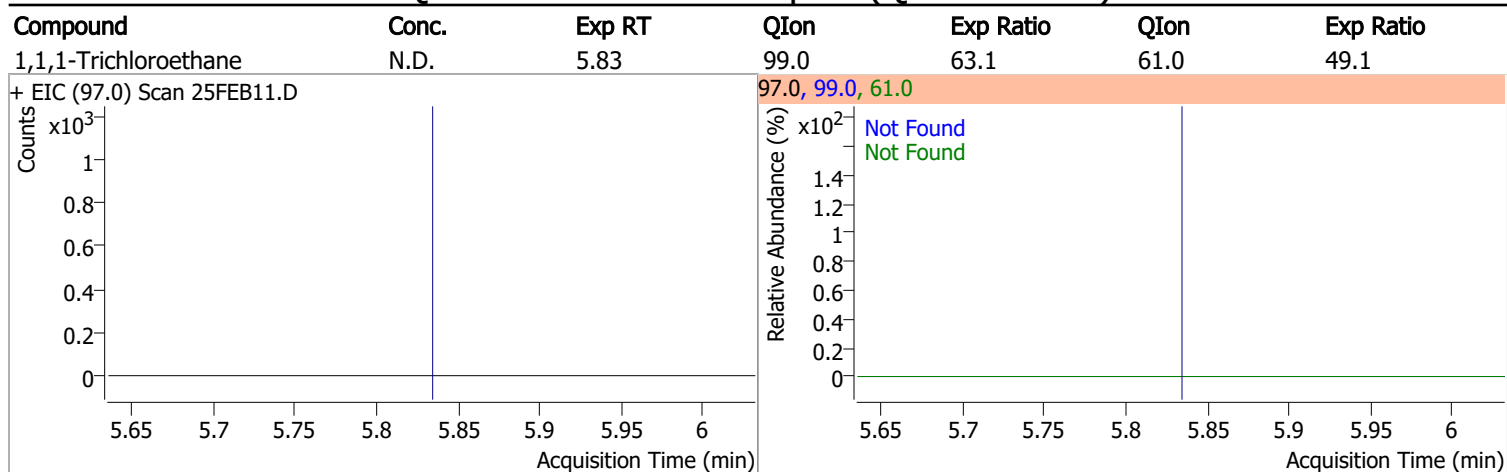
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|----------|------|--------|-------|-------|
| Chloroform | 0.9880 | 5.65 | -0.01 | 1857 (m) | 85.0 | 67.5 | 36.2 | 96.2 |

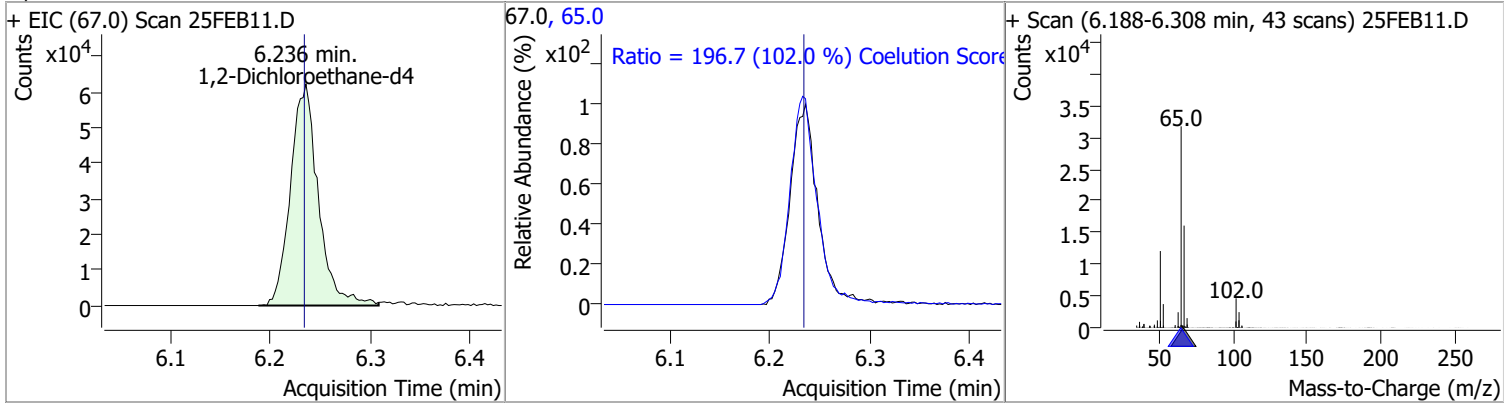


Quantitation Results Report (QT Reviewed)

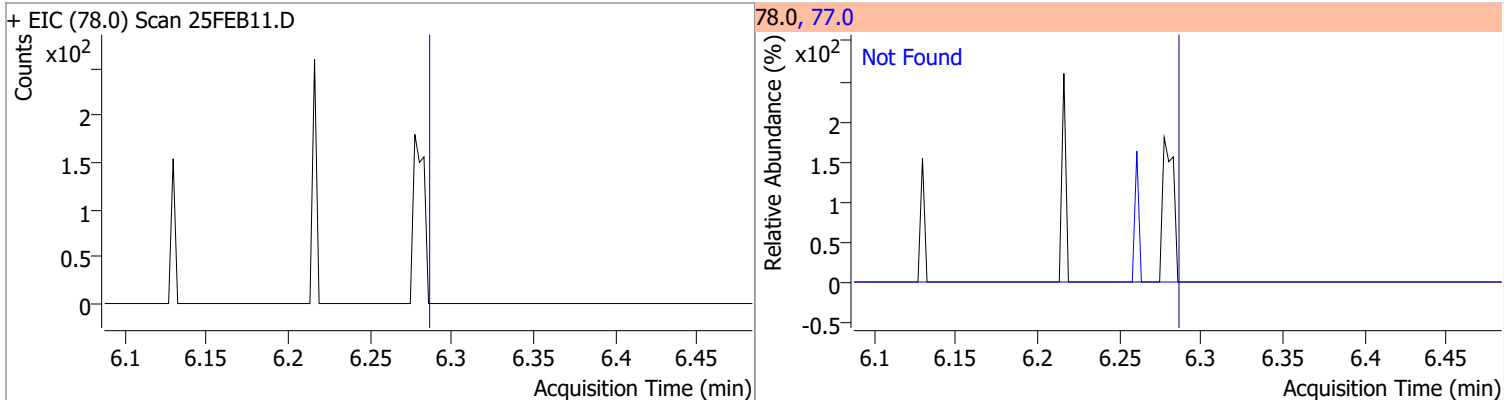


Quantitation Results Report (QT Reviewed)

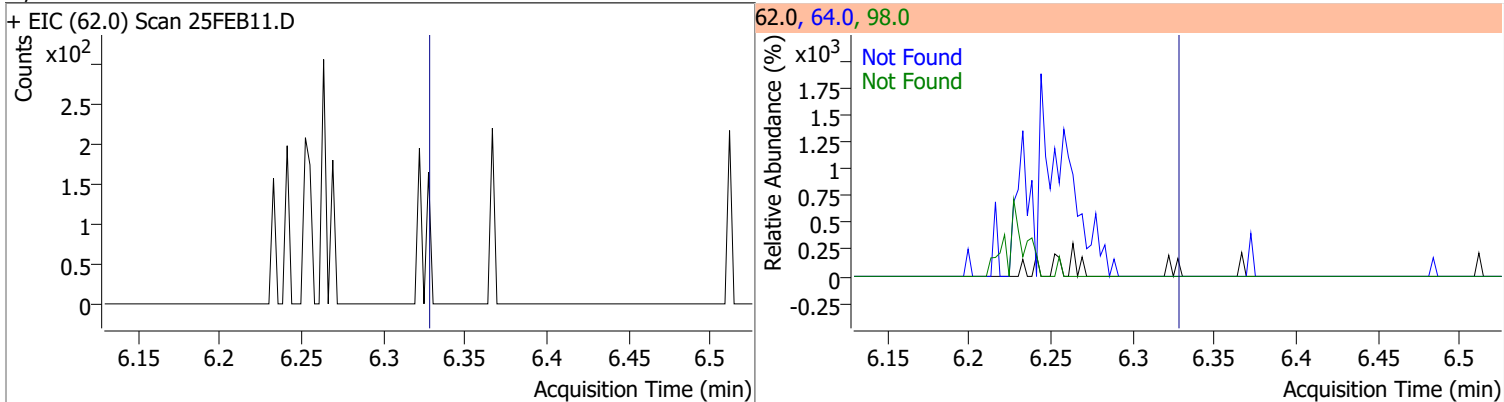
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 295.3811 | 6.24 | 0.01 | 119675 | 65.0 | 196.7 | 162.8 | 222.8 |



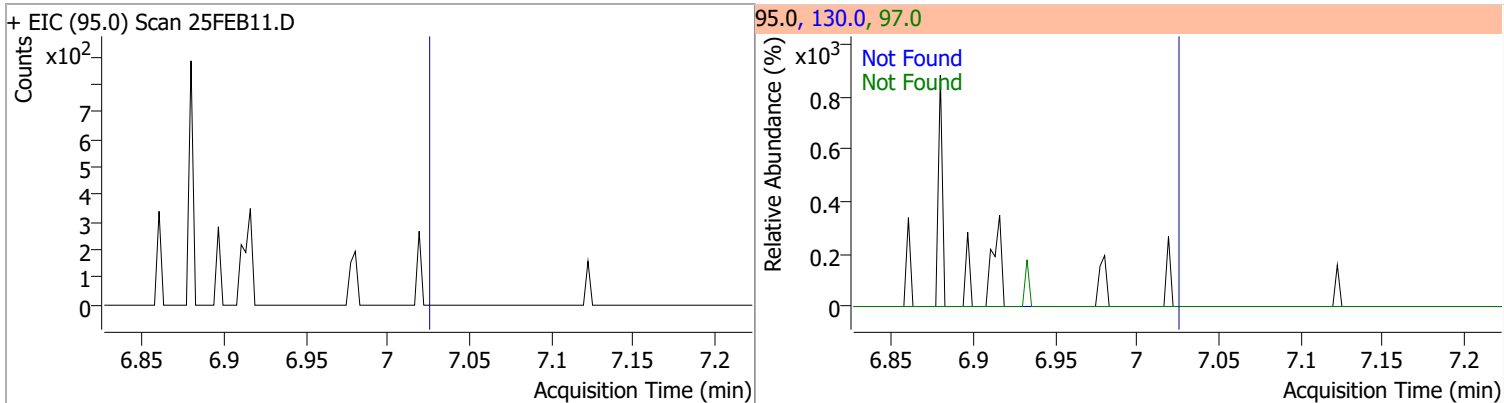
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



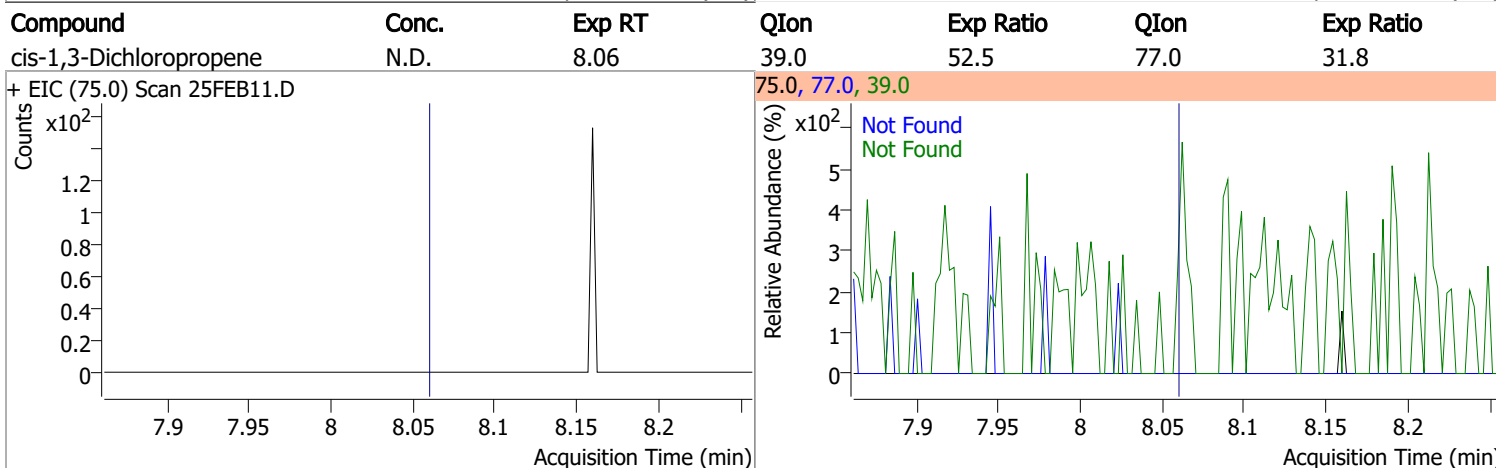
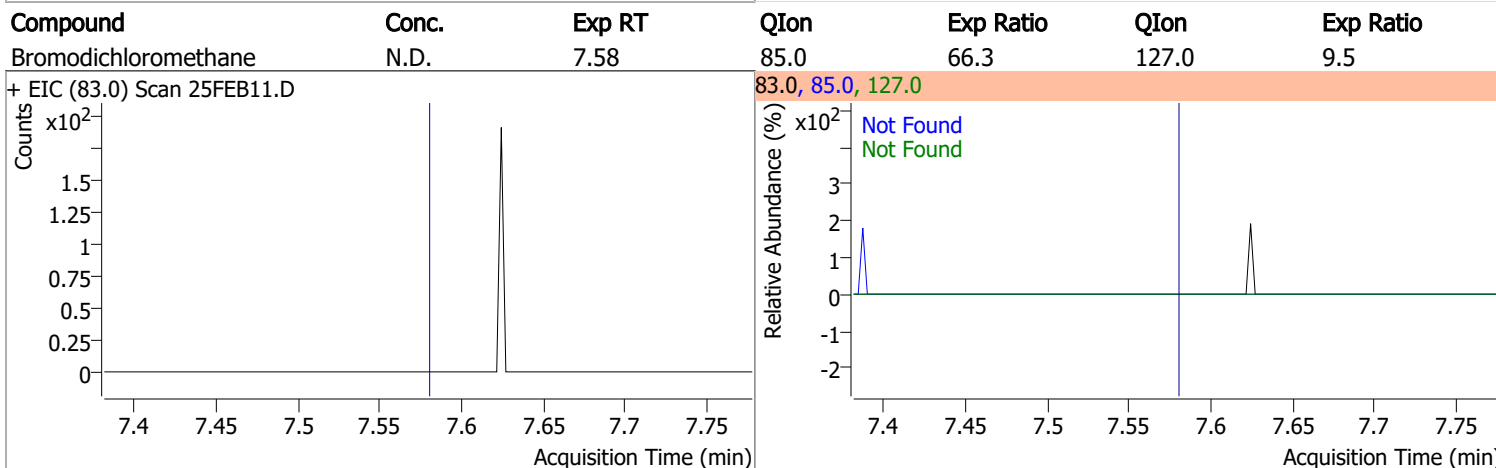
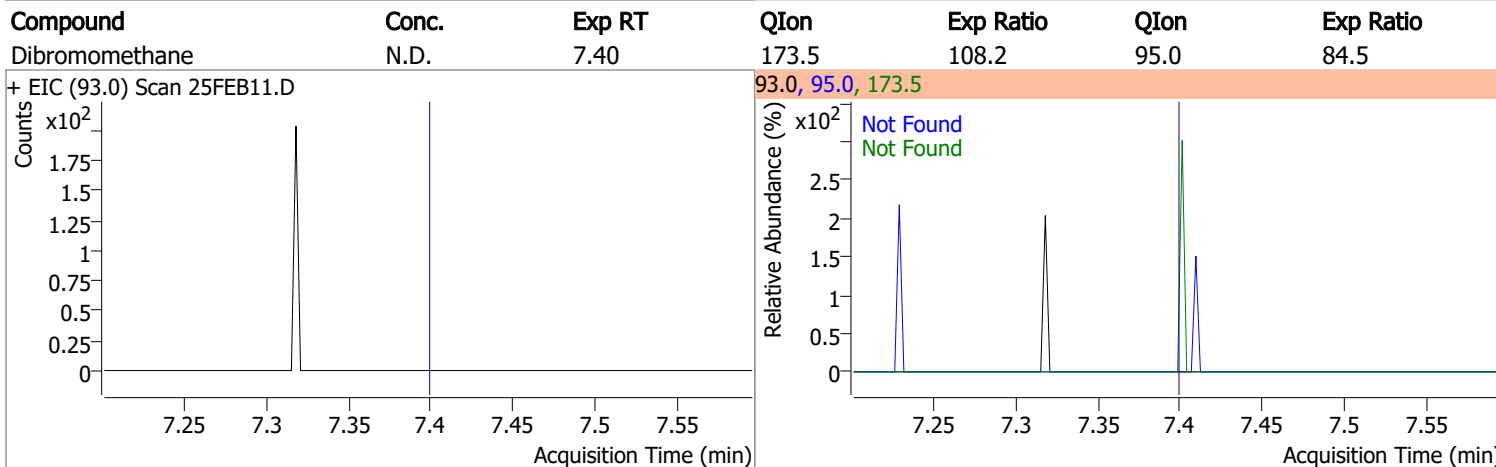
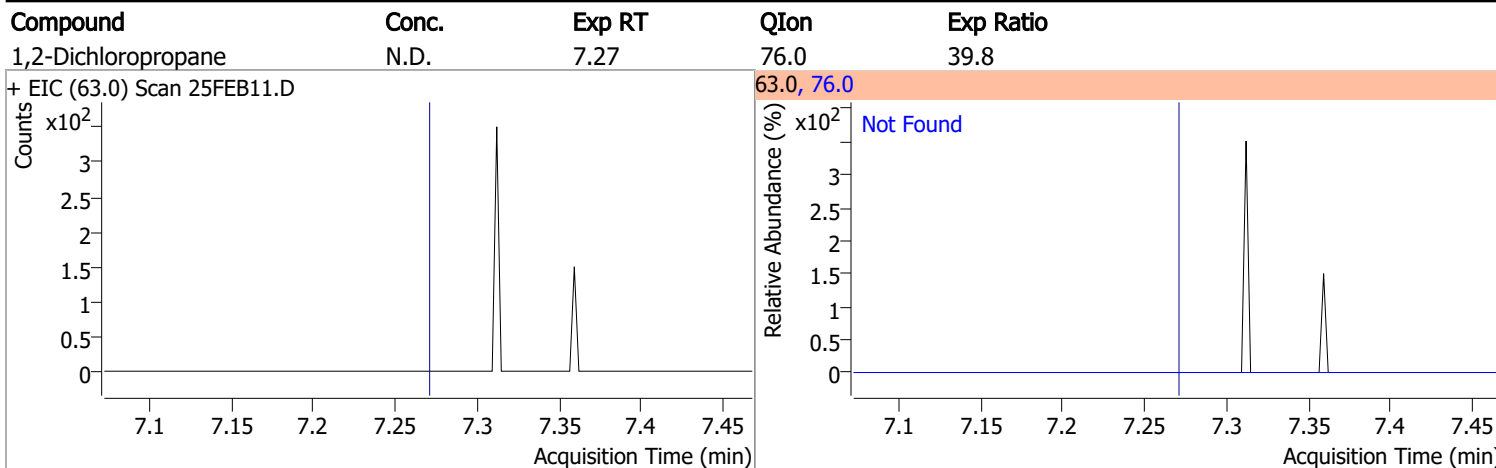
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

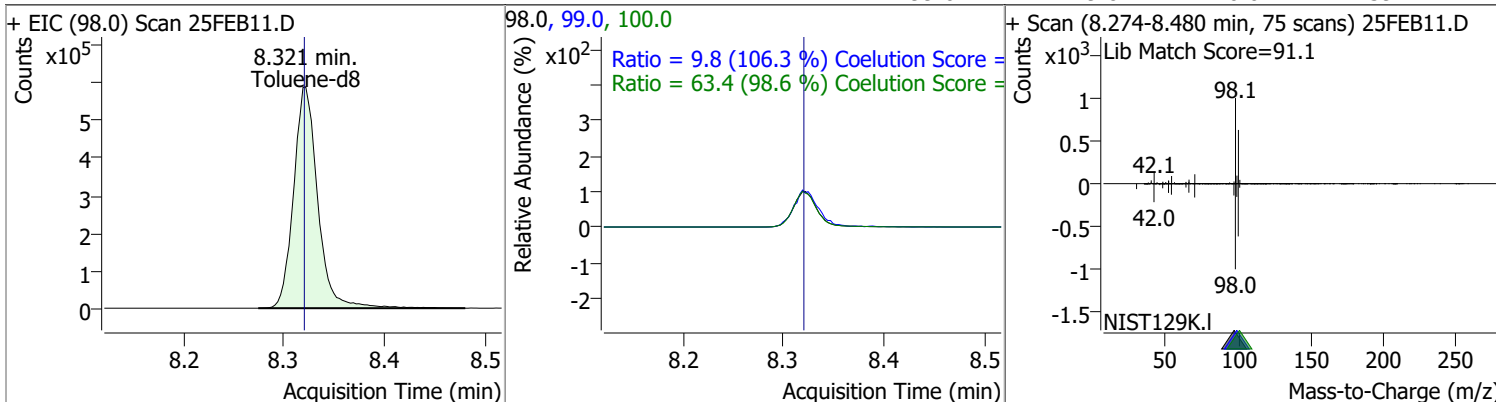


Quantitation Results Report (QT Reviewed)

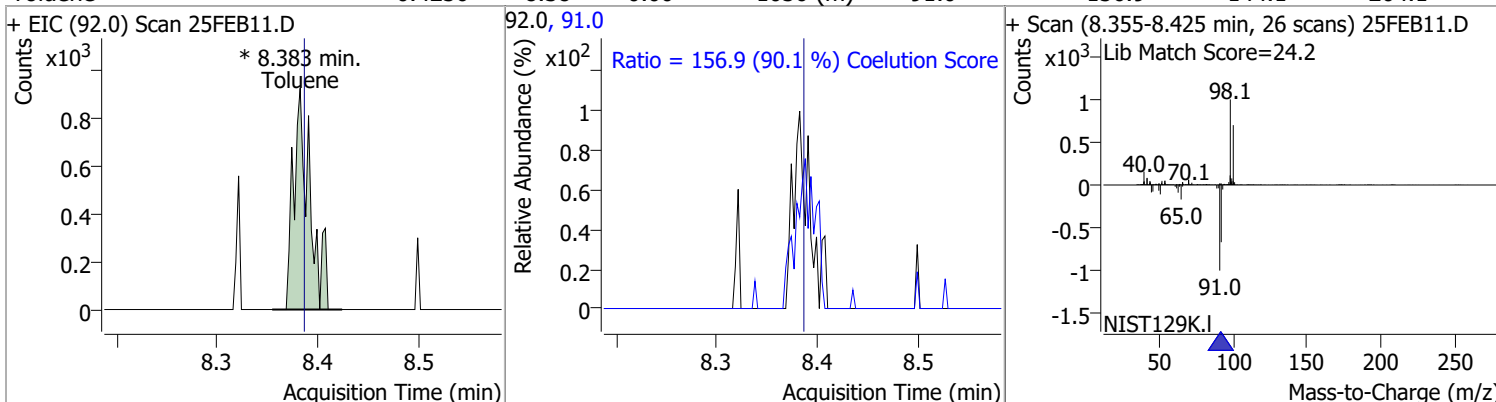


Quantitation Results Report (QT Reviewed)

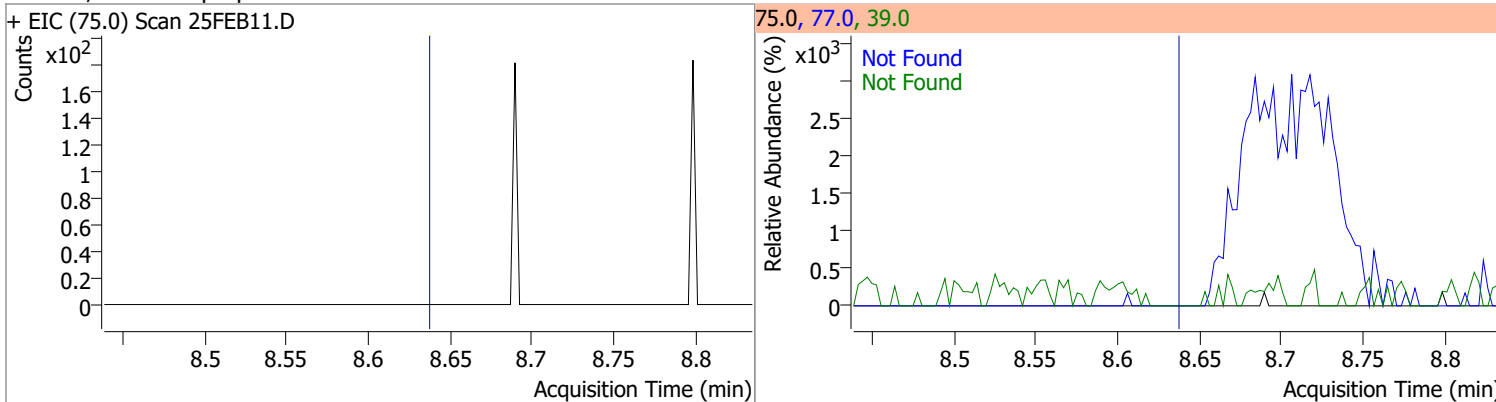
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 264.6811 | 8.32 | 0.00 | 985101 | 100.0 | 63.4 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.8 | 0.0 | 39.2 |



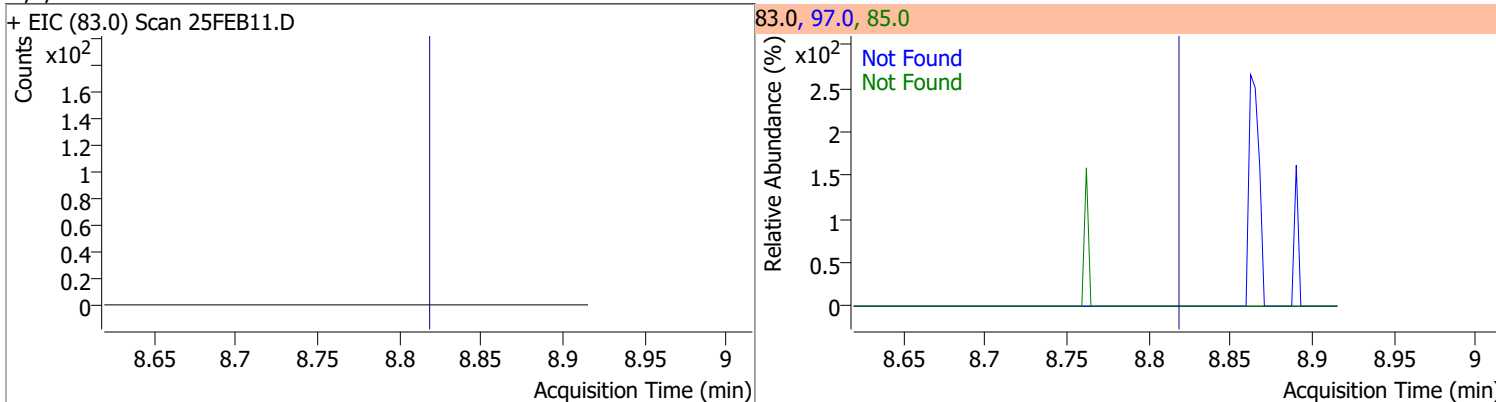
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|----------|------|--------|-------|-------|
| Toluene | 0.4256 | 8.38 | 0.00 | 1056 (m) | 91.0 | 156.9 | 144.1 | 204.1 |



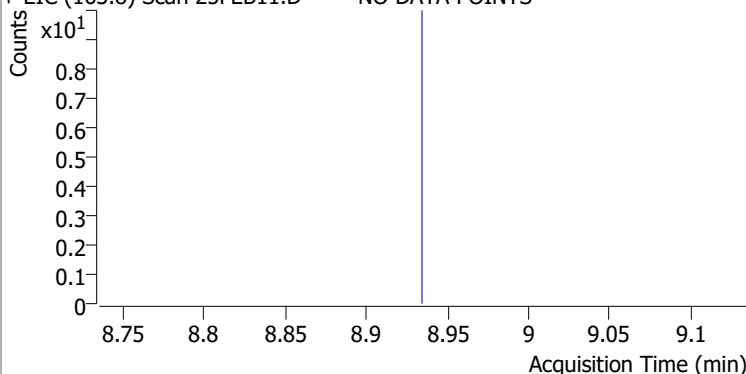
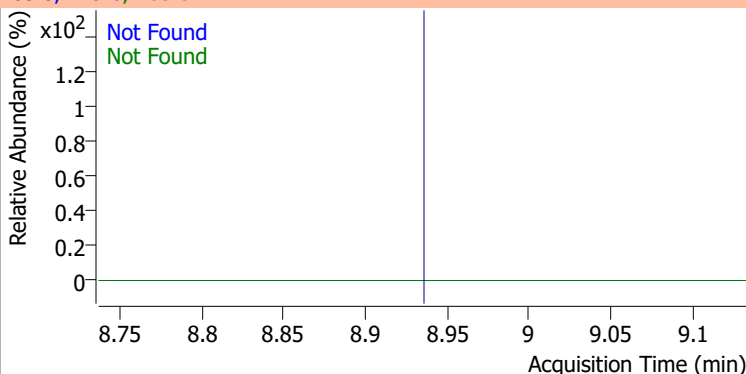
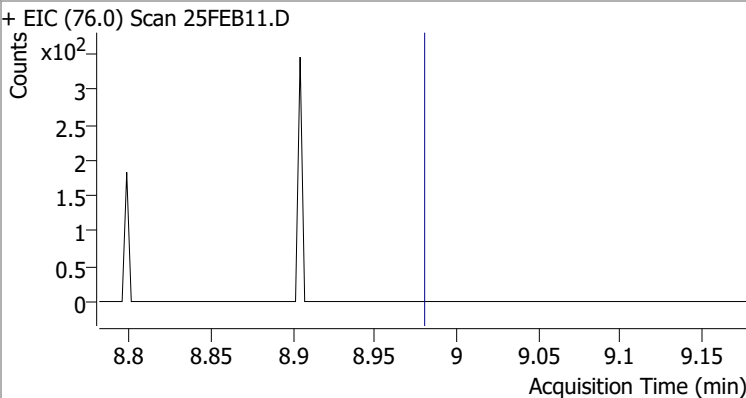
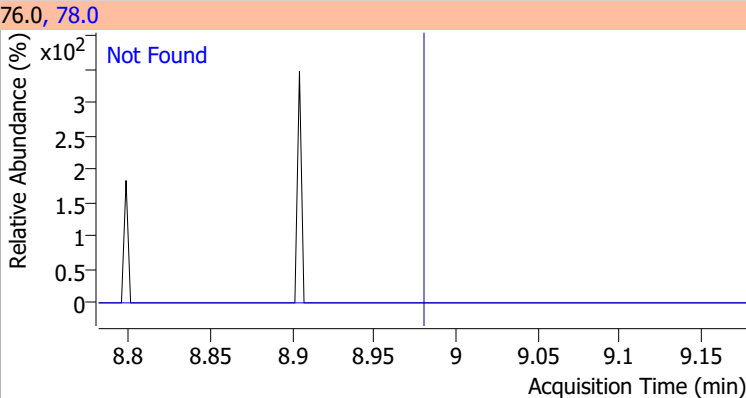
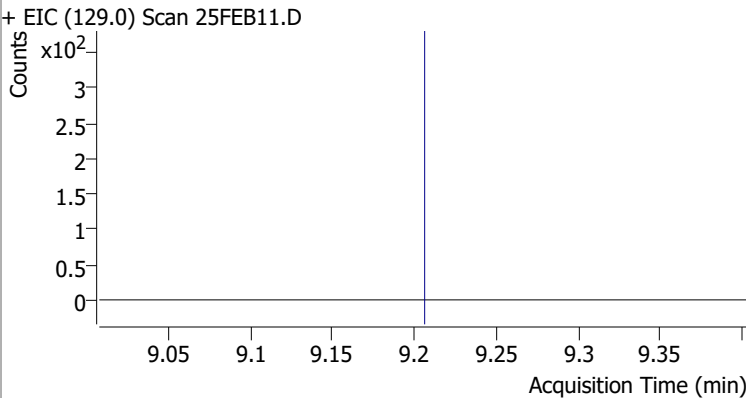
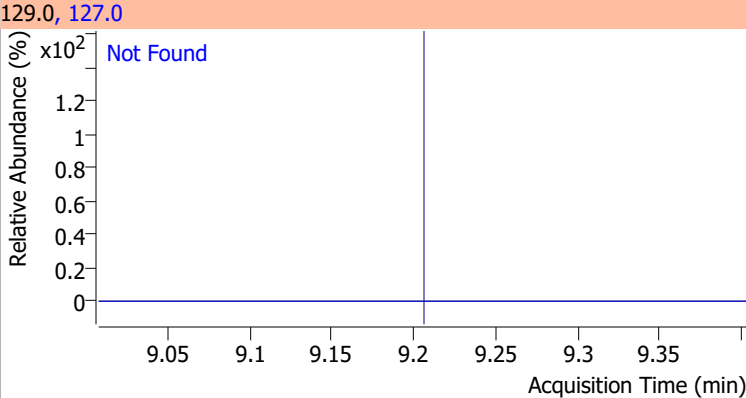
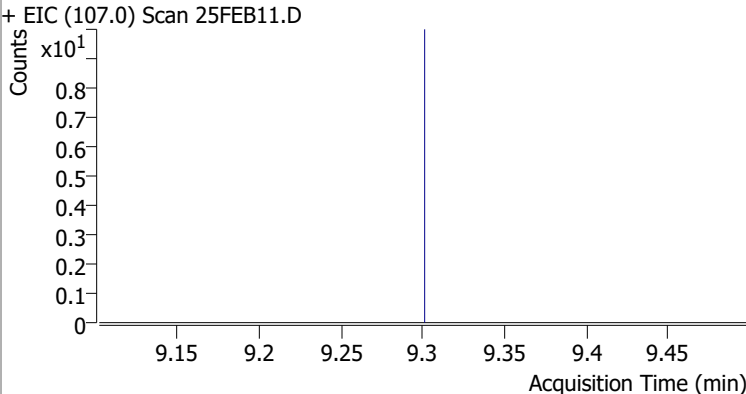
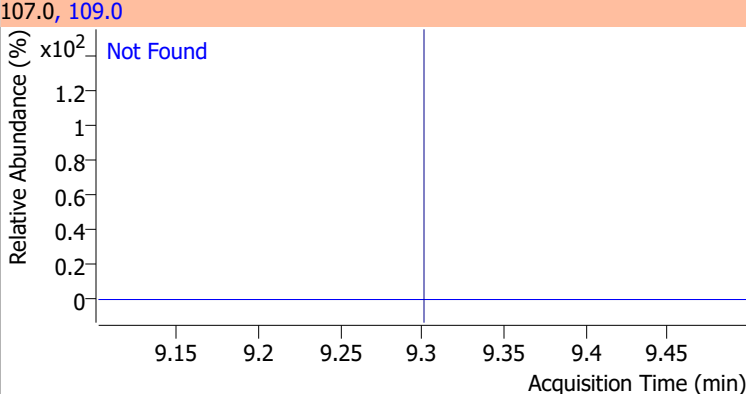
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

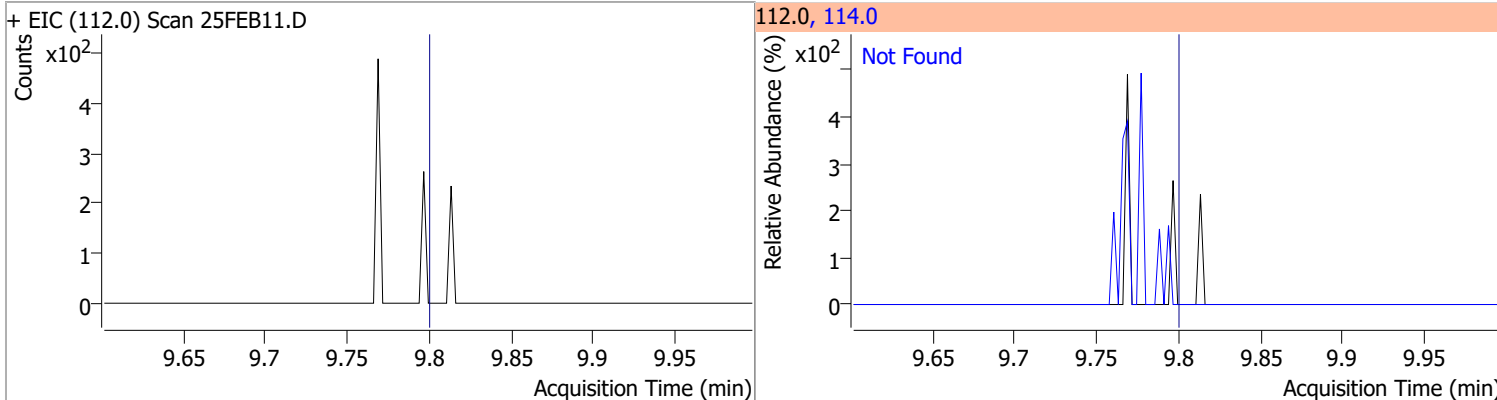


Quantitation Results Report (QT Reviewed)

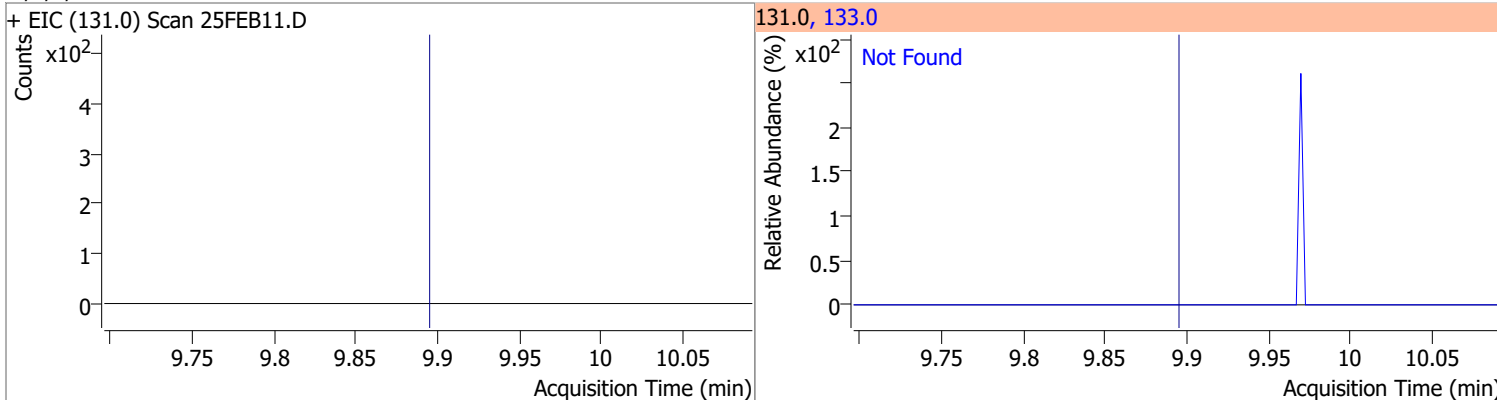
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |
| + EIC (163.8) Scan 25FEB11.D ***NO DATA POINTS*** | | | 163.8, 129.0, 165.8 | | | |
|  | | |  | | | |
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 | | |
| + EIC (76.0) Scan 25FEB11.D | | | 76.0, 78.0 | | | |
|  | | |  | | | |
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 | | |
| + EIC (129.0) Scan 25FEB11.D | | | 129.0, 127.0 | | | |
|  | | |  | | | |
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 | | |
| + EIC (107.0) Scan 25FEB11.D | | | 107.0, 109.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

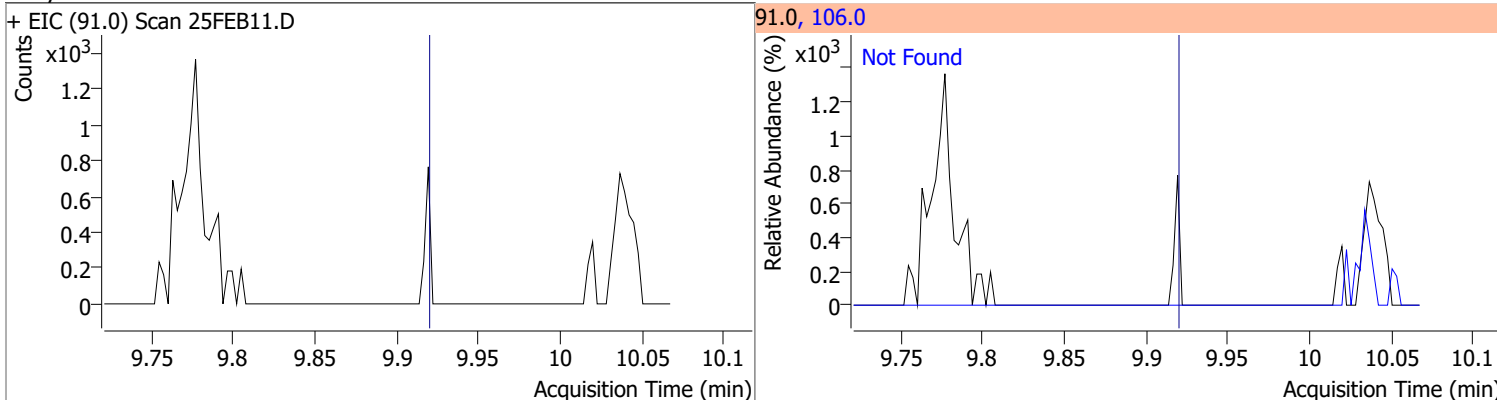
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------|-------|--------|-------|-----------|
| Chlorobenzene | N.D. | 9.80 | 114.0 | 32.2 |



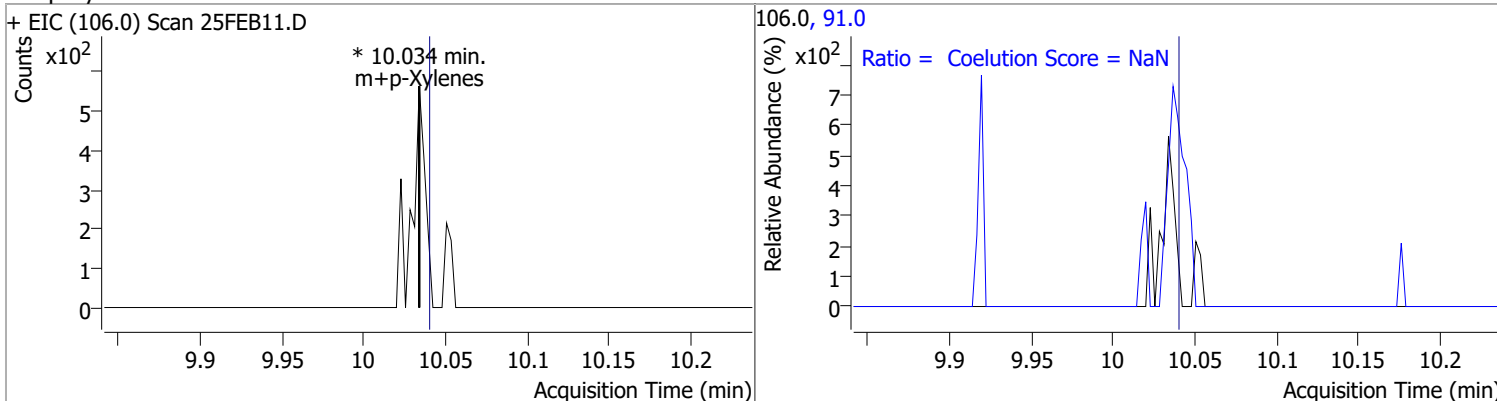
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------------|-------|--------|-------|-----------|
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|-------|-----------|
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |

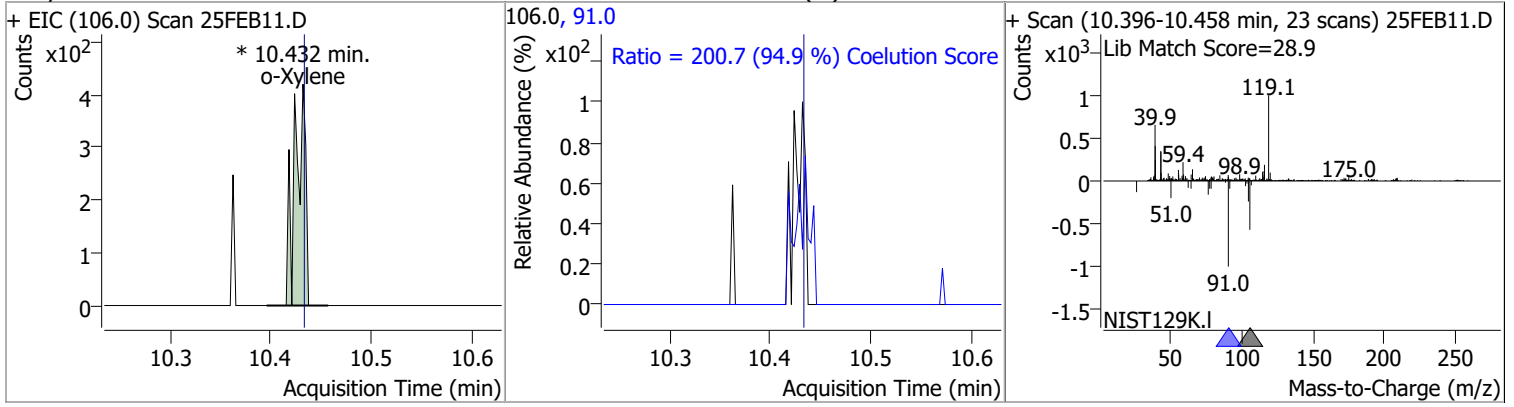


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------|-------|----|----------|-------|------|--------|-------|-------|
| m+p-Xylenes | | 0 | | 0 | 91.0 | | 170.7 | 230.7 |

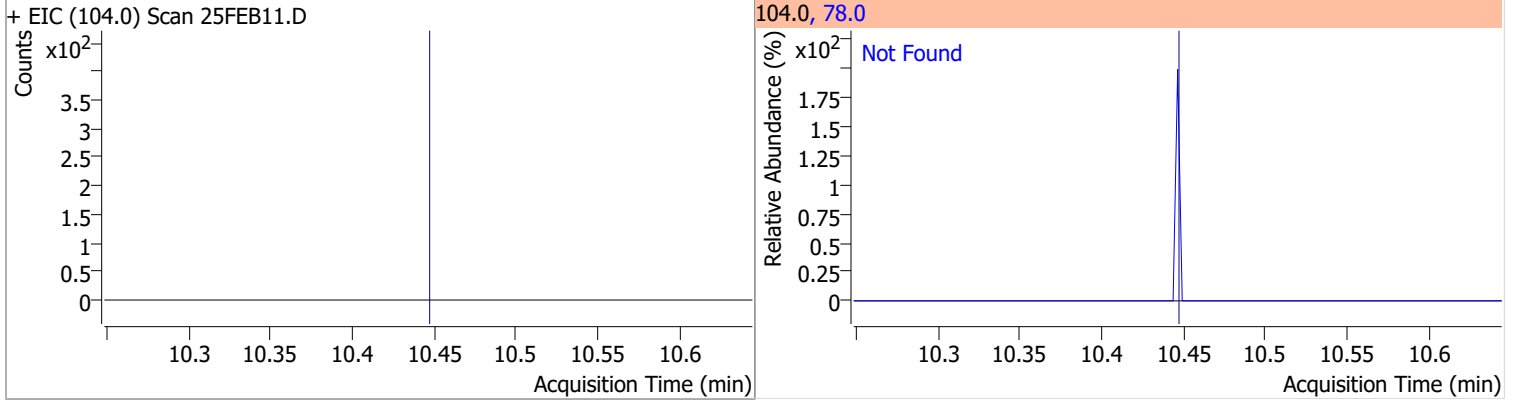


Quantitation Results Report (QT Reviewed)

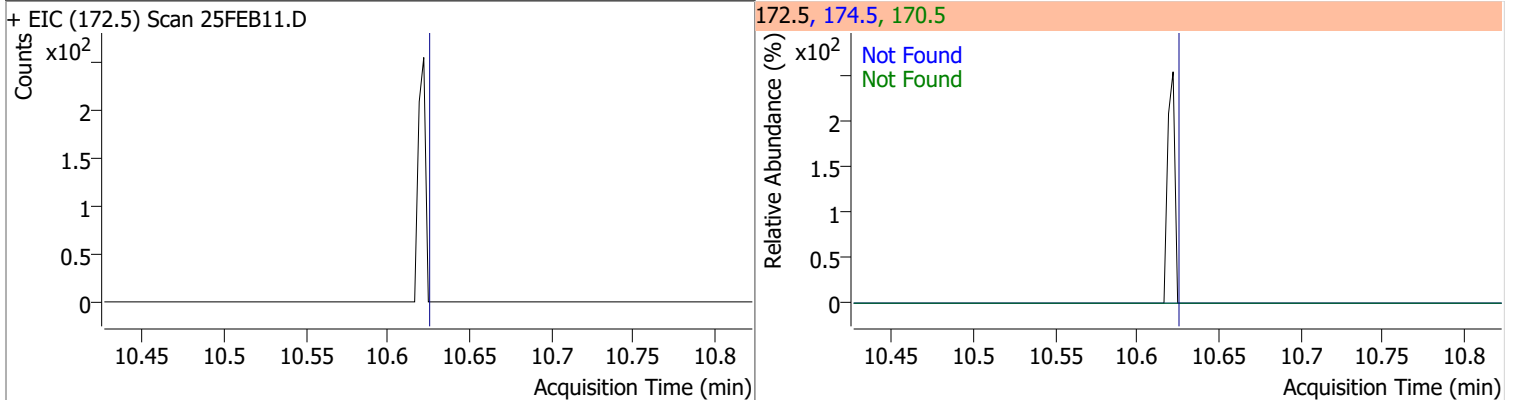
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|-------|----------|---------|------|--------|-------|-------|
| o-Xylene | 1.1657 | 10.43 | 0.00 | 316 (m) | 91.0 | 200.7 | 181.4 | 241.4 |



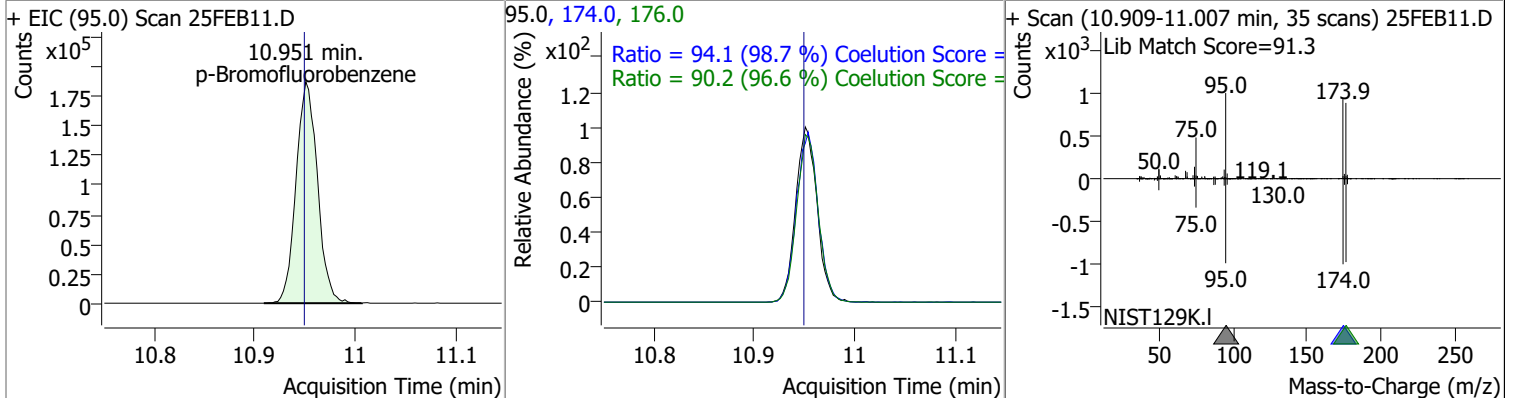
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



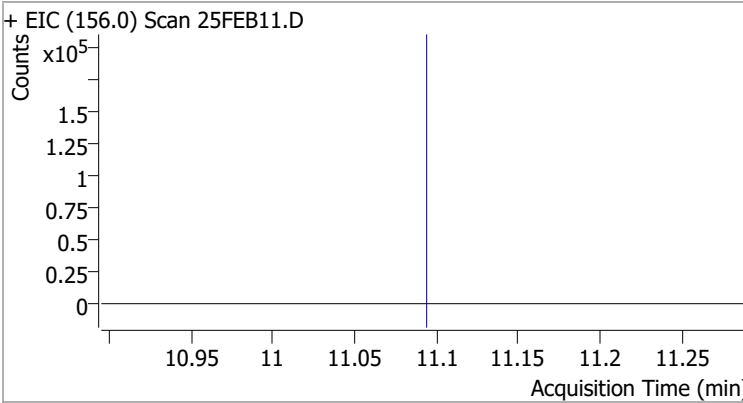
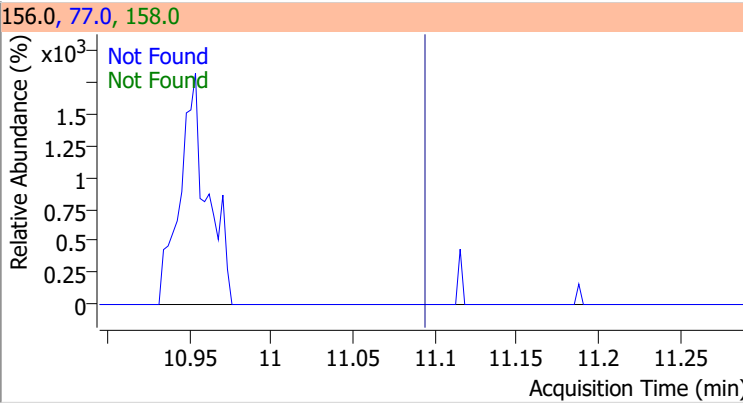
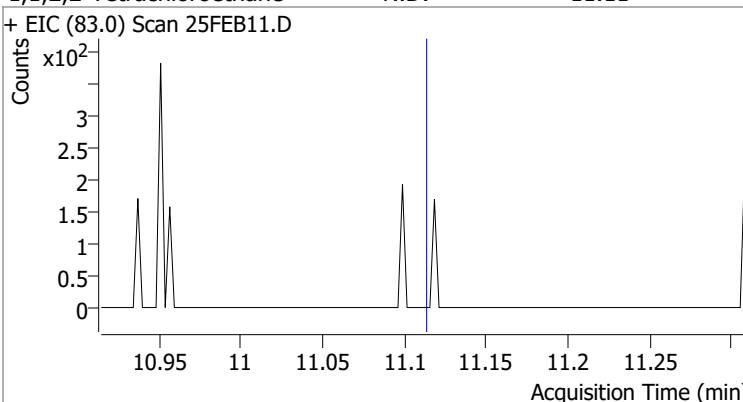
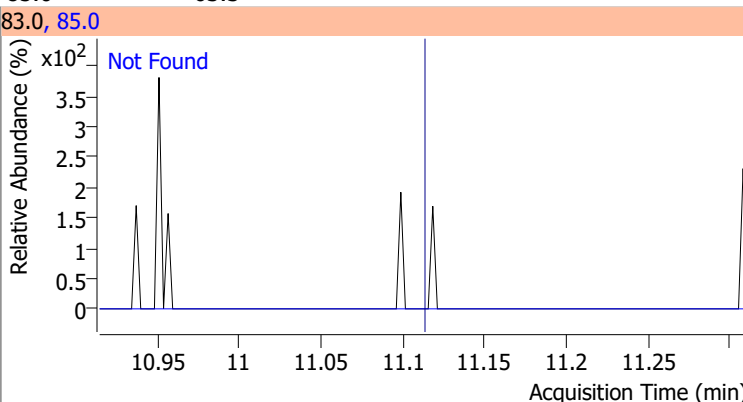
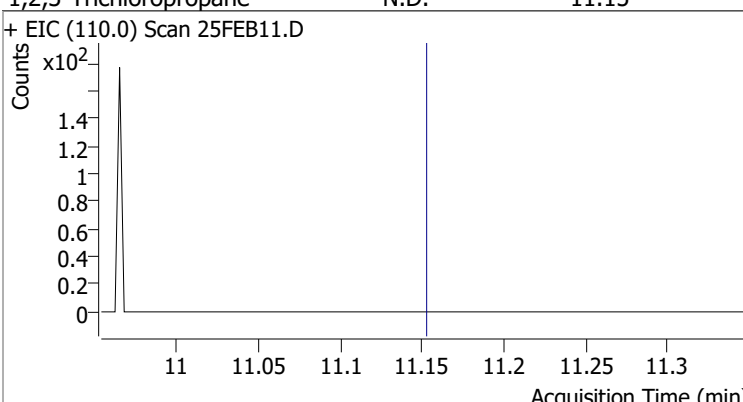
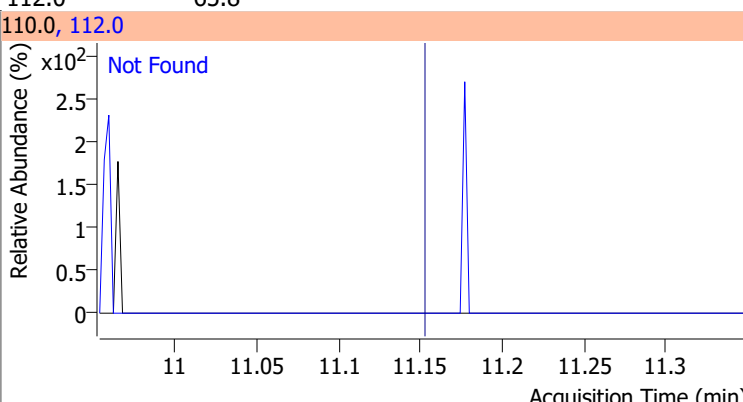
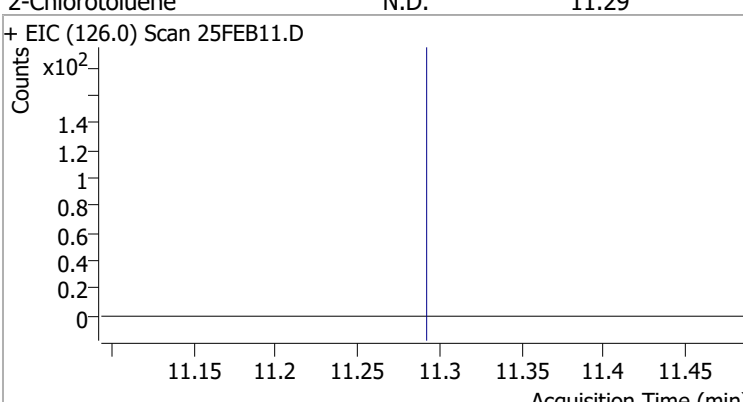
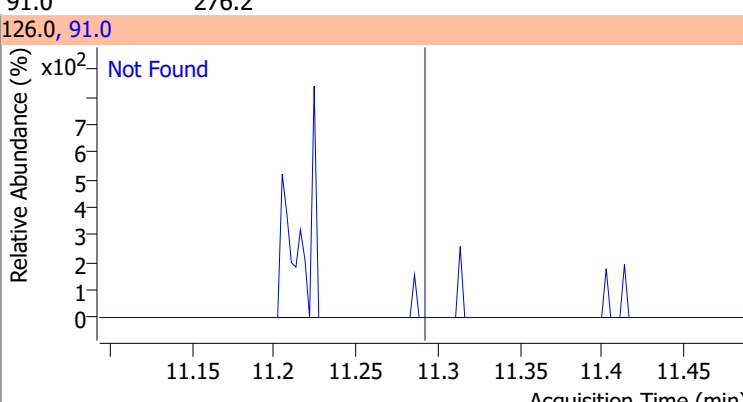
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



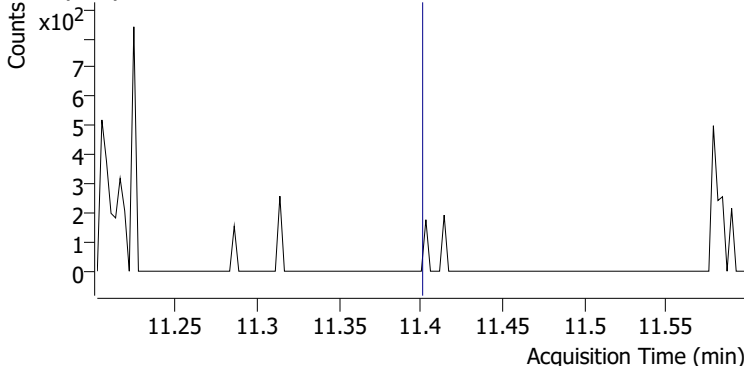
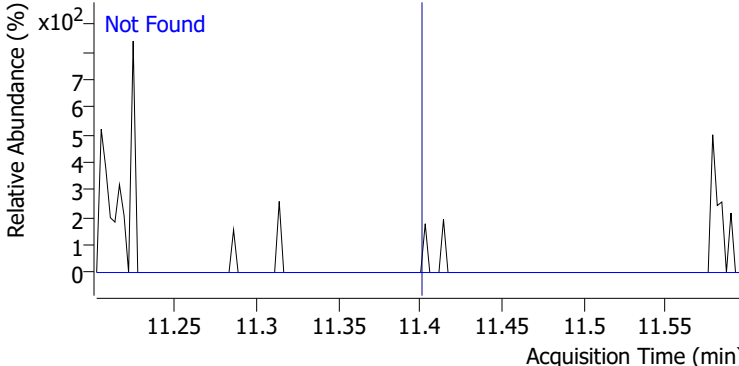
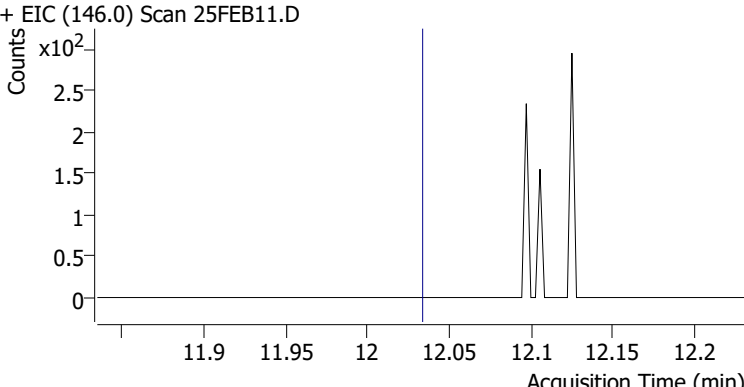
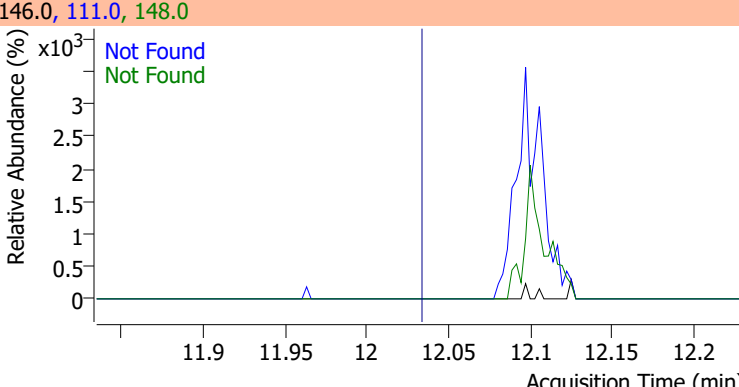
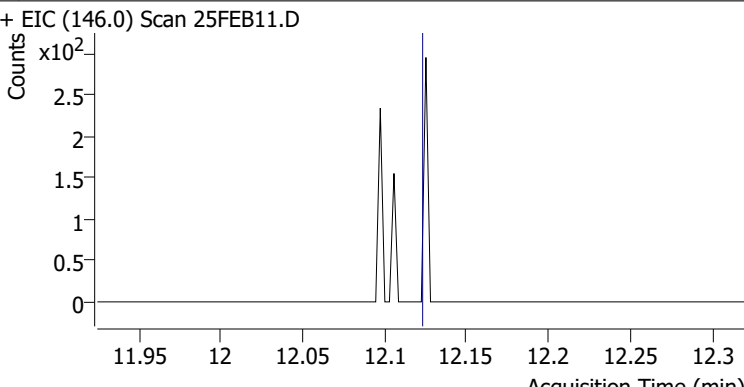
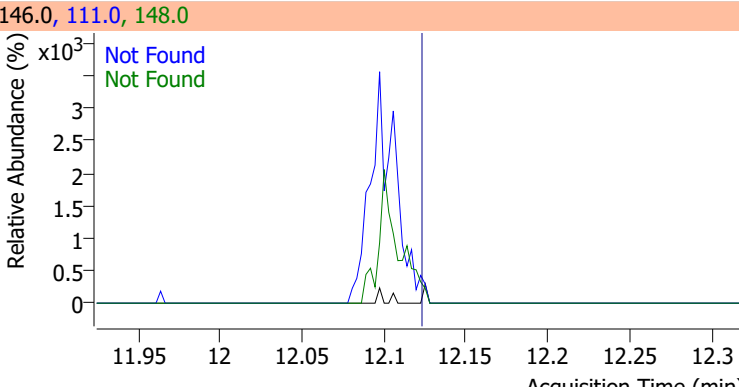
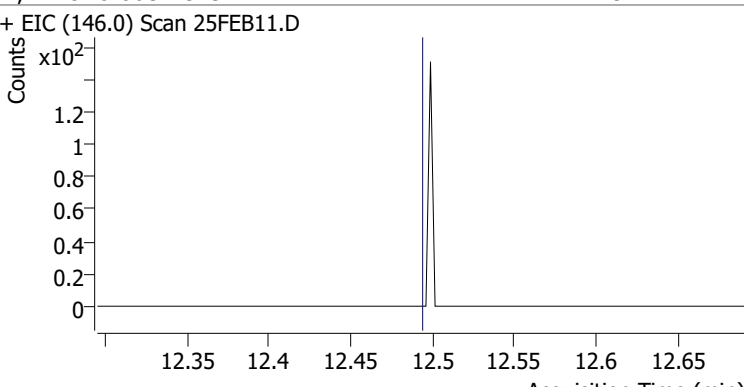
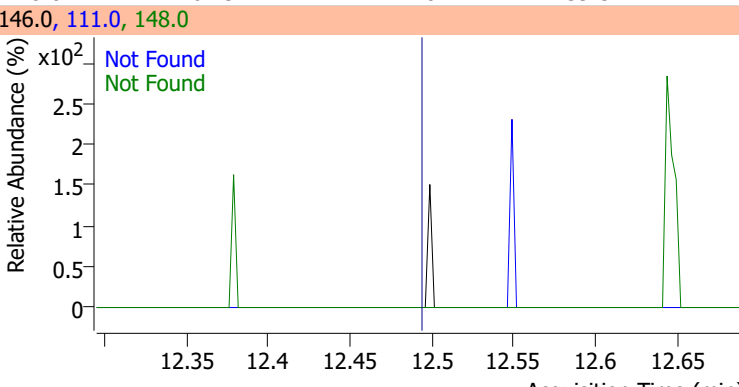
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 271.3930 | 10.95 | 0.00 | 277692 | 174.0 | 94.1 | 65.3 | 125.3 |
| | | | | | 176.0 | 90.2 | 63.3 | 123.3 |



Quantitation Results Report (QT Reviewed)

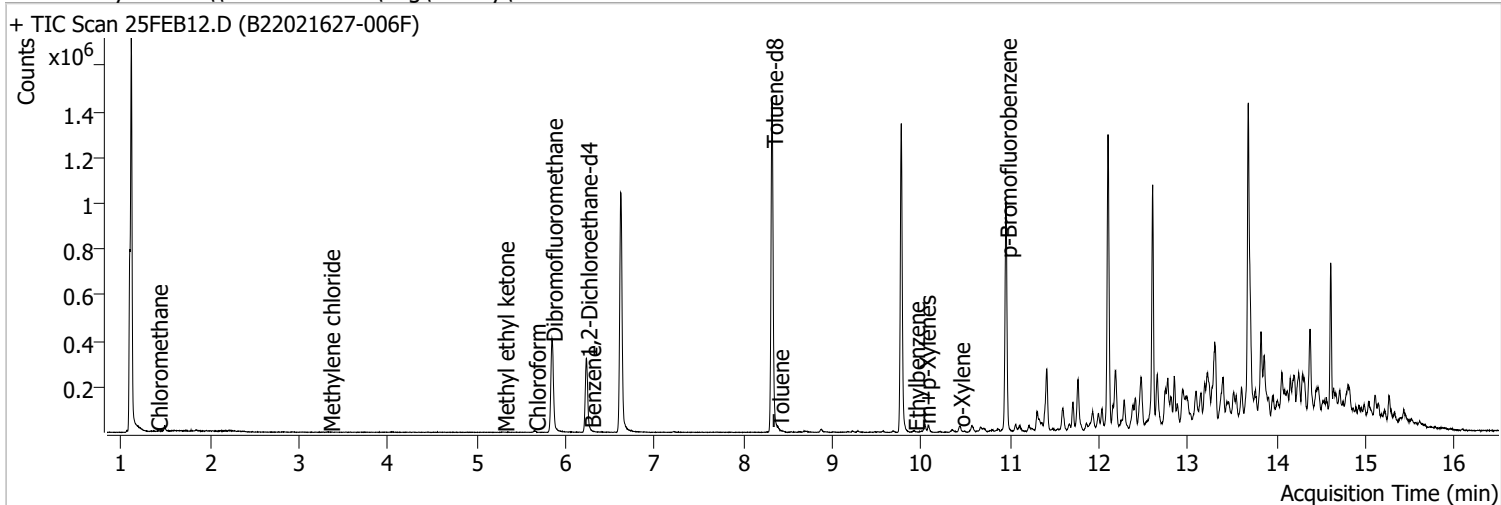
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB11.D | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB11.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB11.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB11.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | | |
|--|-------|--------|--|-----------|------|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 | | |
| + EIC (91.0) Scan 25FEB11.D | | | 91.0, 126.0 | | | |
|  | | |  | | | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB11.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB11.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB11.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB12.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 3:20:05 PM |
| Sample Name | B22021627-006F | Instrument | VOA5975C |
| Vial | 12 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|----------|----|------|-------|-------|-------|----------|
|----------|----|------|-------|-------|-------|----------|

Internal Standards

| | | | | | | |
|--------------------------|--------|-------|--------|----------|----|-------|
| M Fluorobenzene | 6.621 | 96.0 | 906128 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 362970 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 284758 | 250.0000 | ng | 0.000 |

System Monitoring Compounds

| | | | | | | |
|-------------------------|----------------------|-------|--------|----------------------|----|--------|
| S Dibromofluoromethane | 5.842 | 113.0 | 256939 | 292.7548 | ng | -0.008 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 117.10% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 116403 | 307.0300 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 122.81% * | | |
| S Toluene-d8 | 8.322 | 98.0 | 935636 | 264.2202 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 105.69% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 279862 | 266.1822 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 106.47% | | |

Target Compounds

| Compound | RT | QIon | Resp. | Conc. | Units | QValue |
|----------------------------------|-------|------|-------|---------|-------|--------|
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.400 | 50.0 | 1099 | 0.7663 | ng m | 92 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.338 | 49.0 | 919 | 0.6938 | ng m | 94 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 5.299 | 43.0 | 2296 | 16.6724 | ng | 74 |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.653 | 83.0 | 5508 | 3.1321 | ng m | 94 |

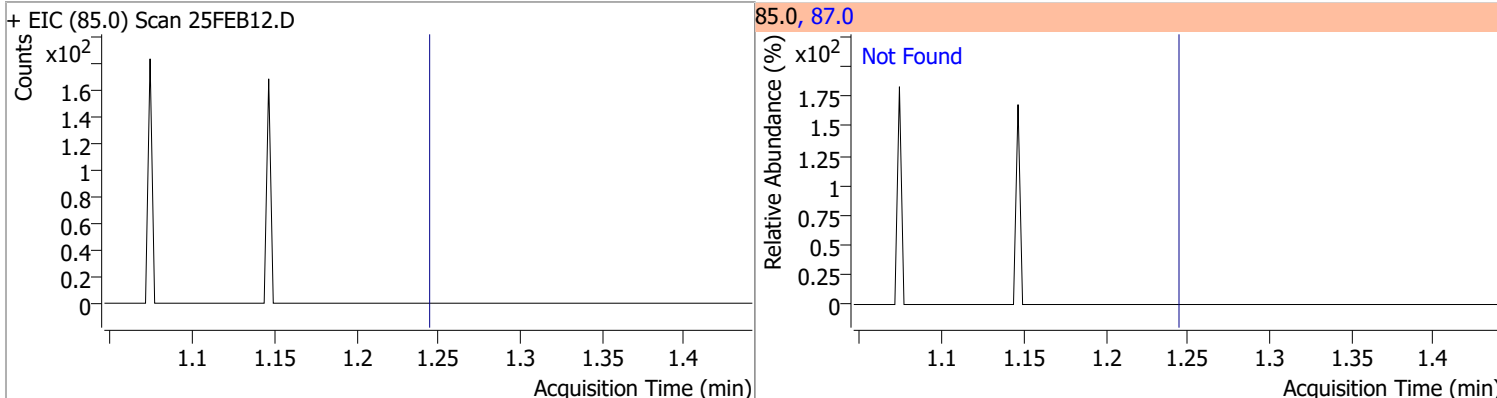
Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Benzene | 6.275 | 78.0 | 808 | 0.2232 | ng | m | 81 |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Toluene | 8.389 | 92.0 | 1798 | 0.7618 | ng | m | 98 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T Ethylbenzene | 9.919 | 91.0 | 4781 | 1.6878 | ng | | 96 |
| T m+p-Xylenes | 10.039 | 106.0 | 6729 | 5.6037 | ng | | 90 |
| T o-Xylene | 10.427 | 106.0 | 5276 | 4.4182 | ng | | 88 |
| T Styrene | 0.000 | | 0 | N.D. | | | |
| T Bromoform | 0.000 | | 0 | N.D. | | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 4-Chlorotoluene | 11.392 | 91.0 | 0 | | ng | md | 1 |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |

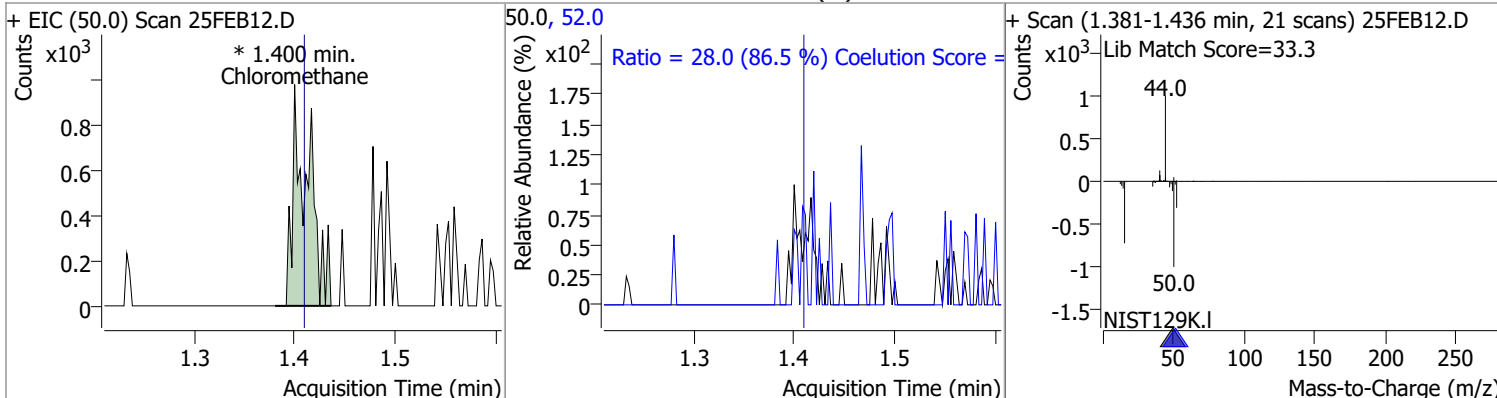
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

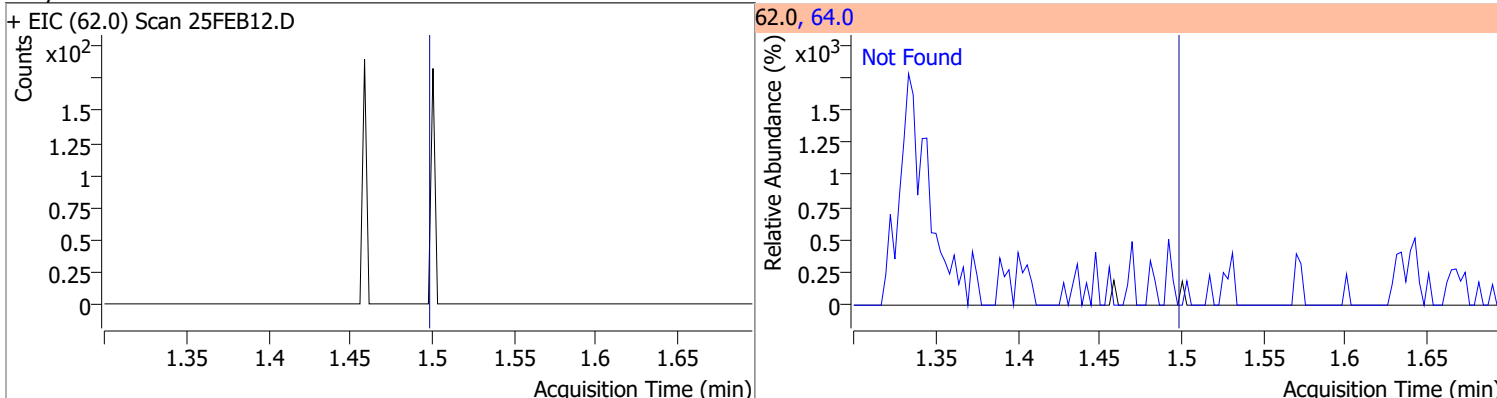
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------------|-------|--------|------|-----------|
| Dichlorodifluoromethane | N.D. | 1.24 | 87.0 | 31.8 |



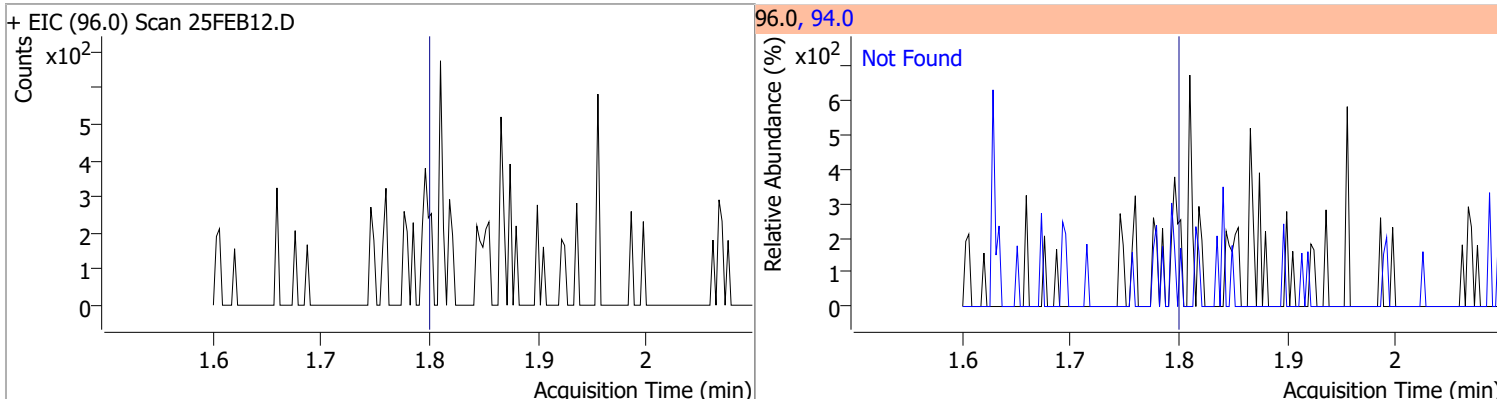
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|--------|------|----------|----------|------|--------|-------|-------|
| Chloromethane | 0.7663 | 1.40 | -0.01 | 1099 (m) | 52.0 | 28.0 | 2.4 | 62.4 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------|-------|--------|------|-----------|
| Vinyl chloride | N.D. | 1.50 | 64.0 | 31.3 |

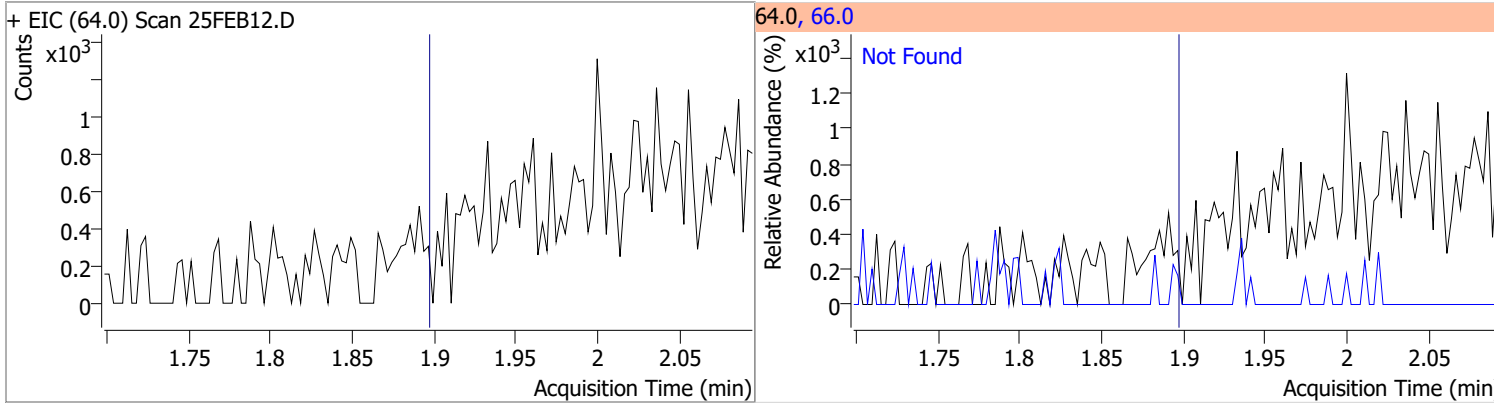


| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Bromomethane | N.D. | 1.80 | 94.0 | 110.1 |

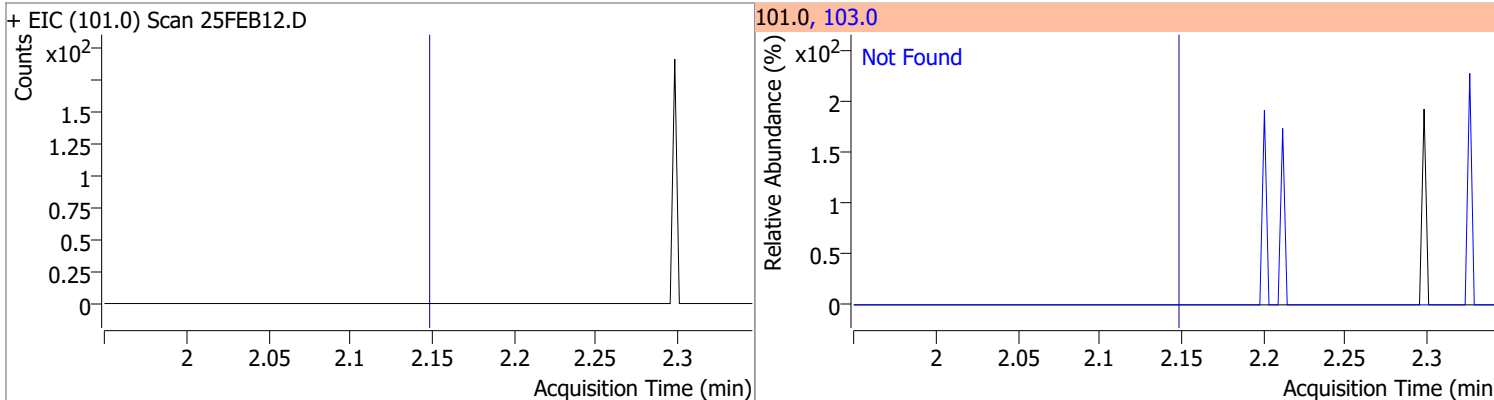


Quantitation Results Report (QT Reviewed)

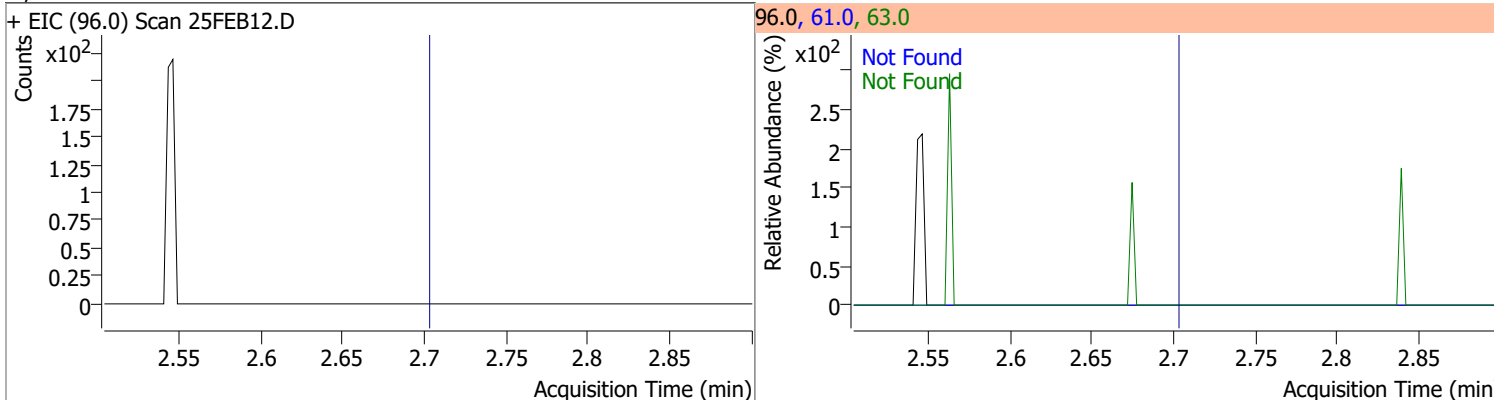
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



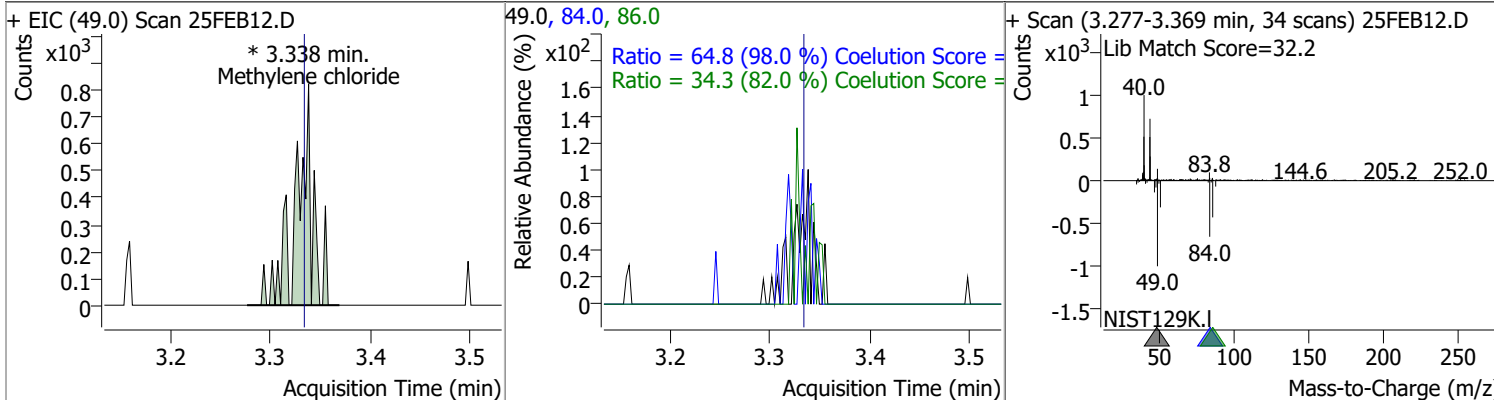
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |

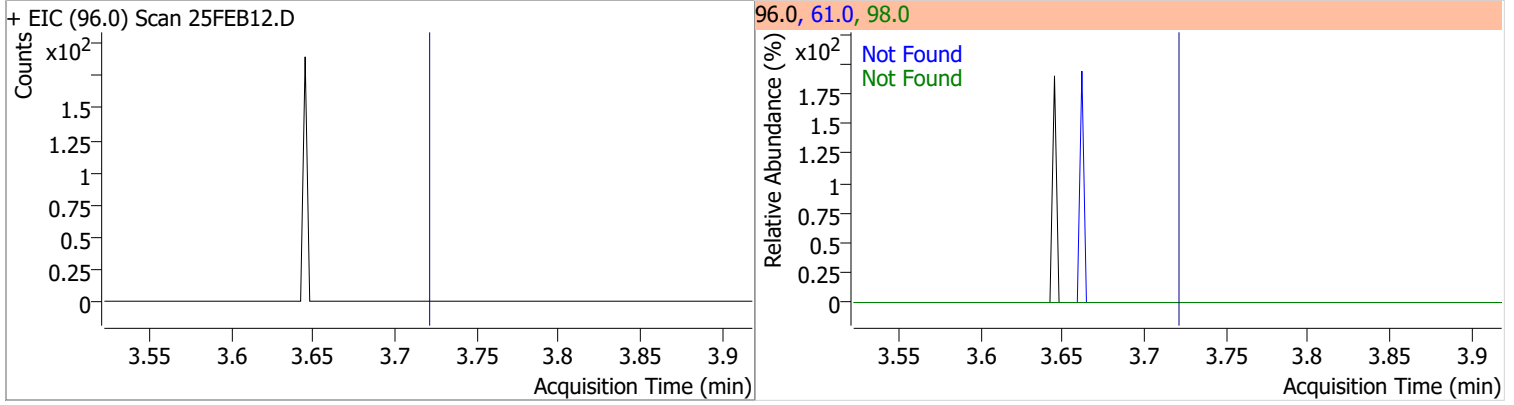


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|---------|------|--------|-------|-------|
| Methylene chloride | 0.6938 | 3.34 | 0.01 | 919 (m) | 84.0 | 64.8 | 36.1 | 96.1 |
| | | | | | 86.0 | 34.3 | 11.8 | 71.8 |

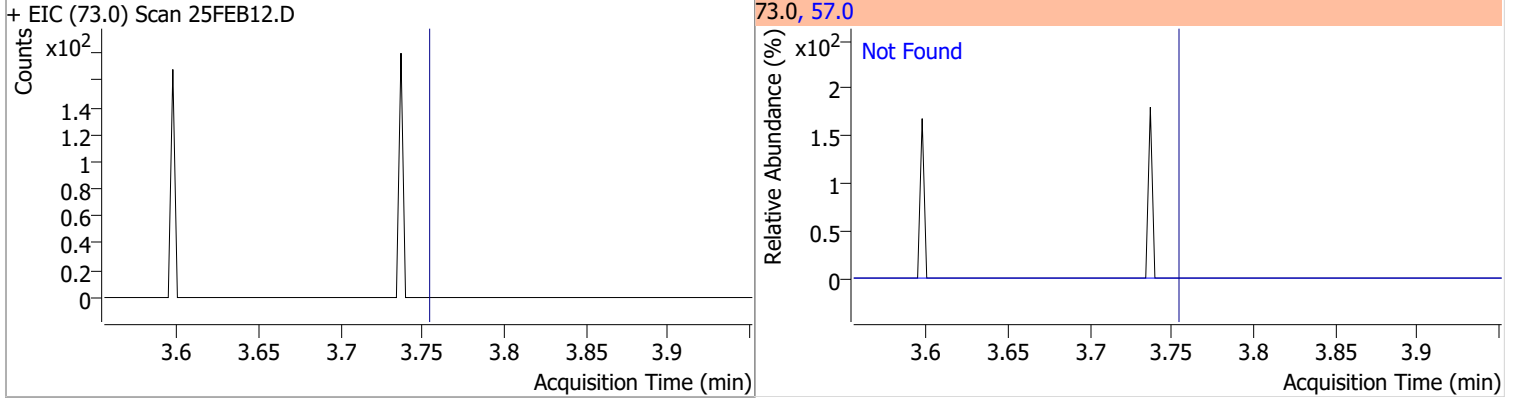


Quantitation Results Report (QT Reviewed)

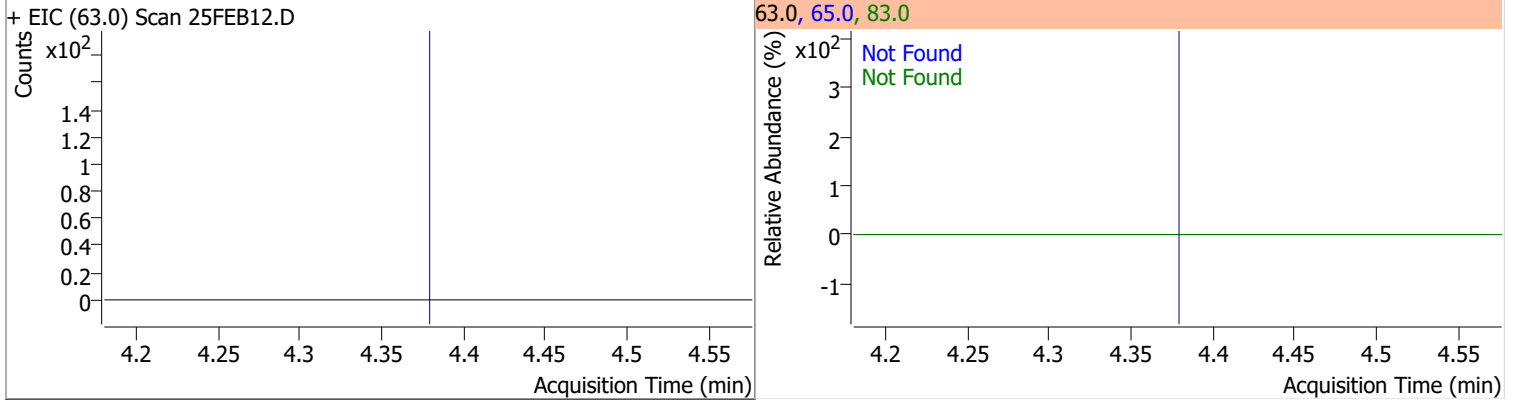
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



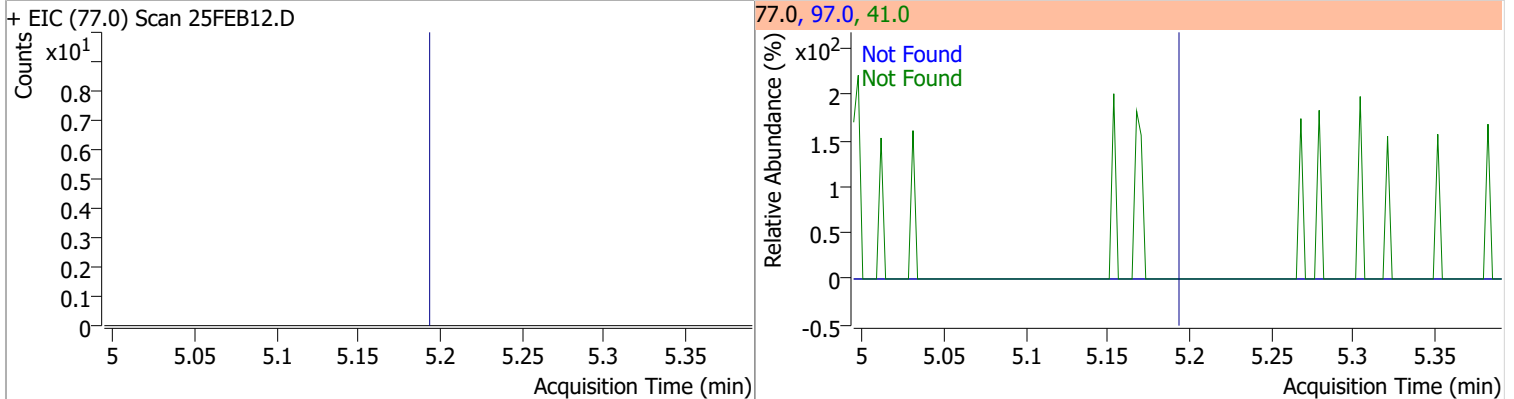
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

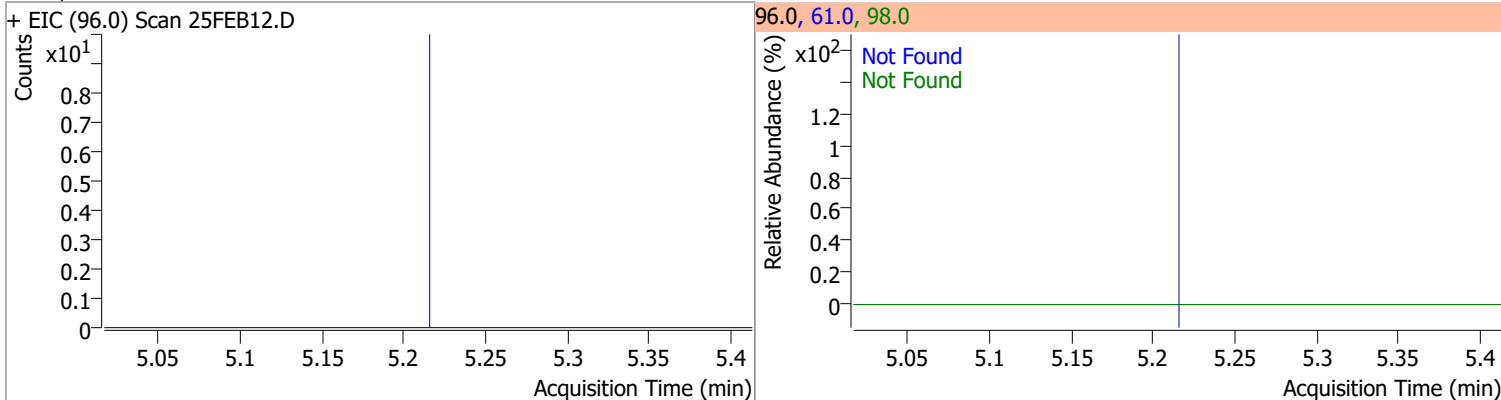


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

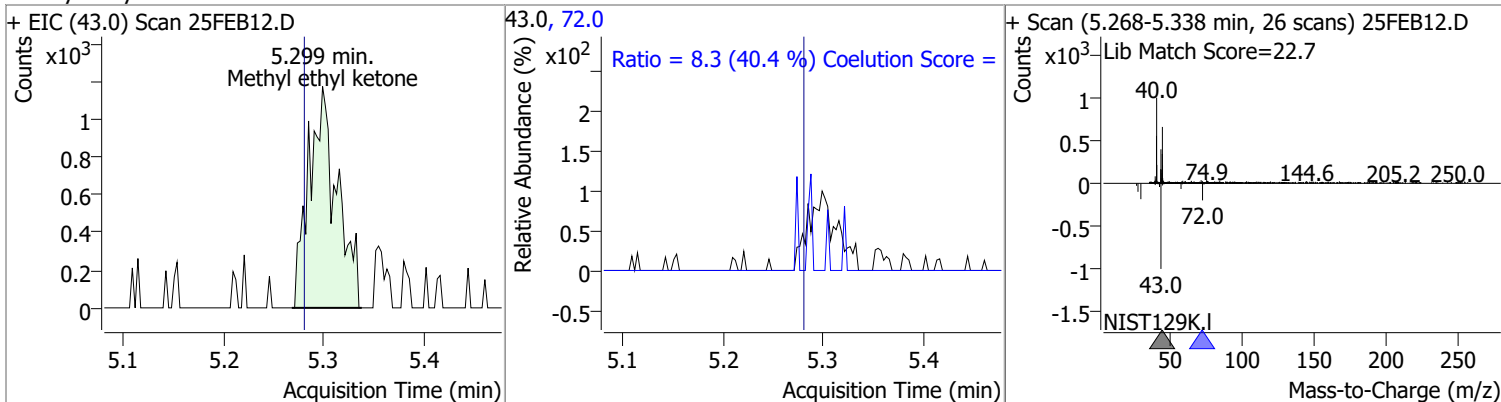


Quantitation Results Report (QT Reviewed)

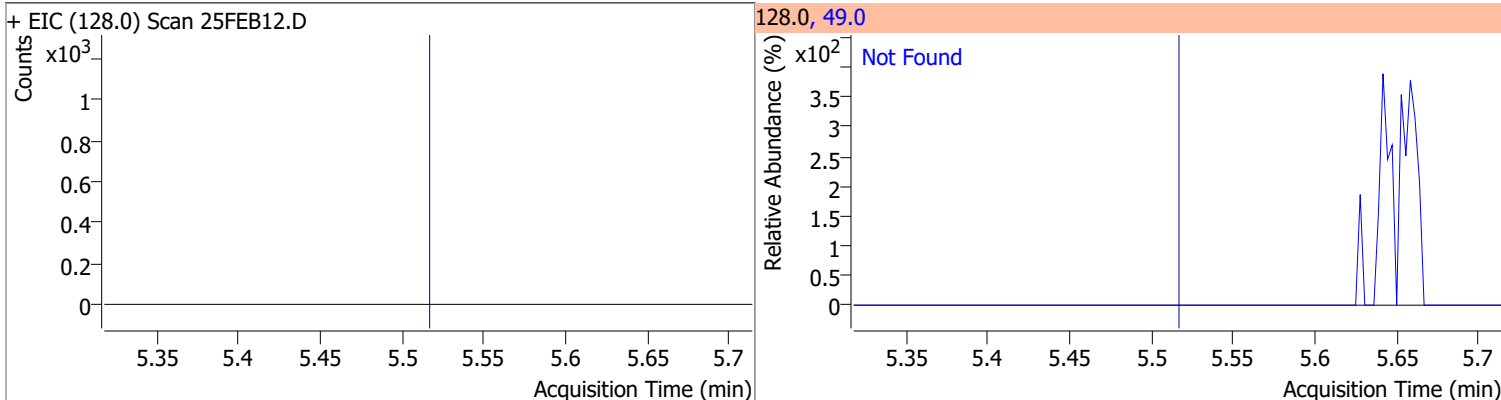
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



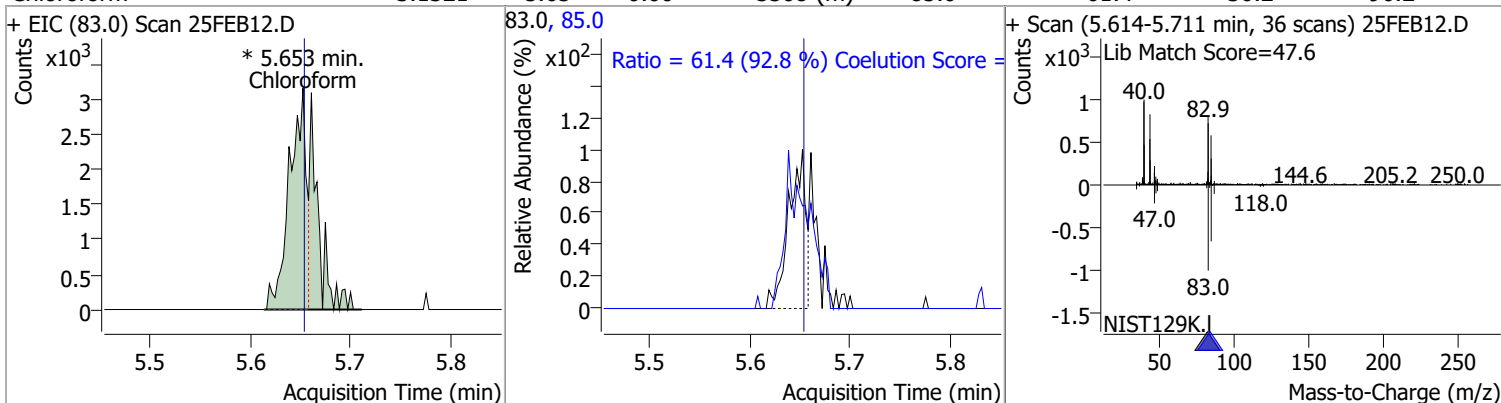
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|---------|------|----------|-------|------|--------|-------|-------|
| Methyl ethyl ketone | 16.6724 | 5.30 | 0.02 | 2296 | 72.0 | 8.3 | 0.0 | 50.6 |



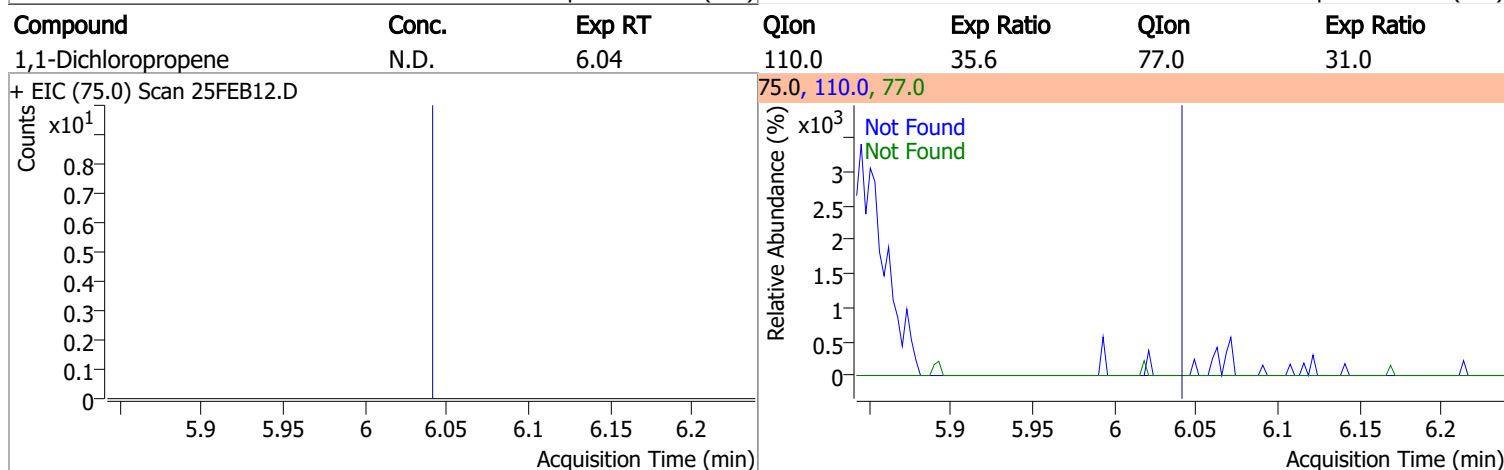
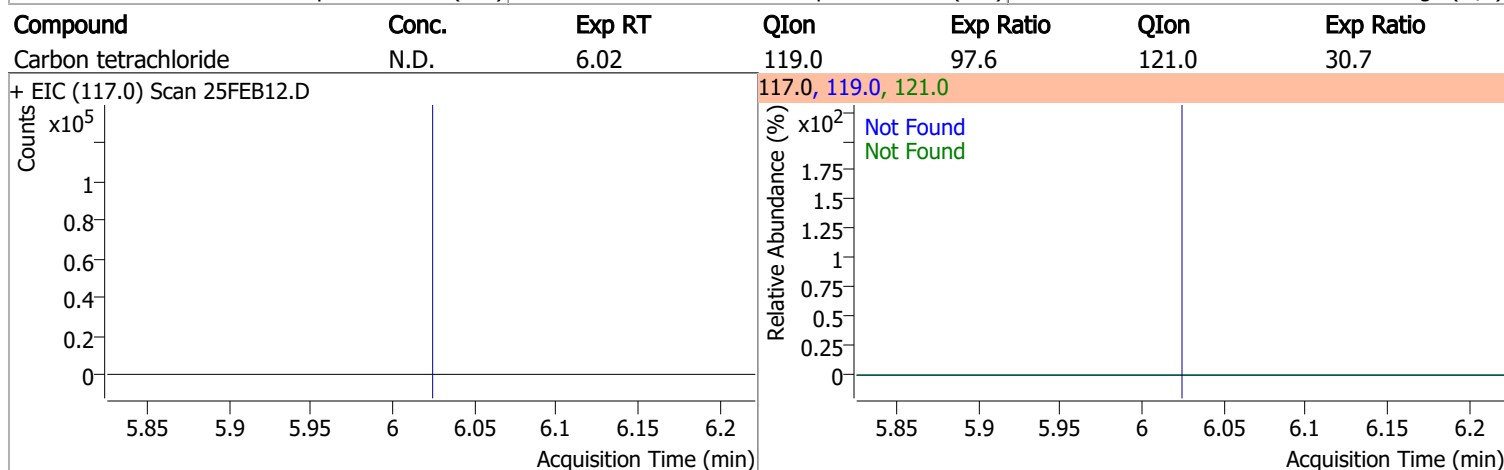
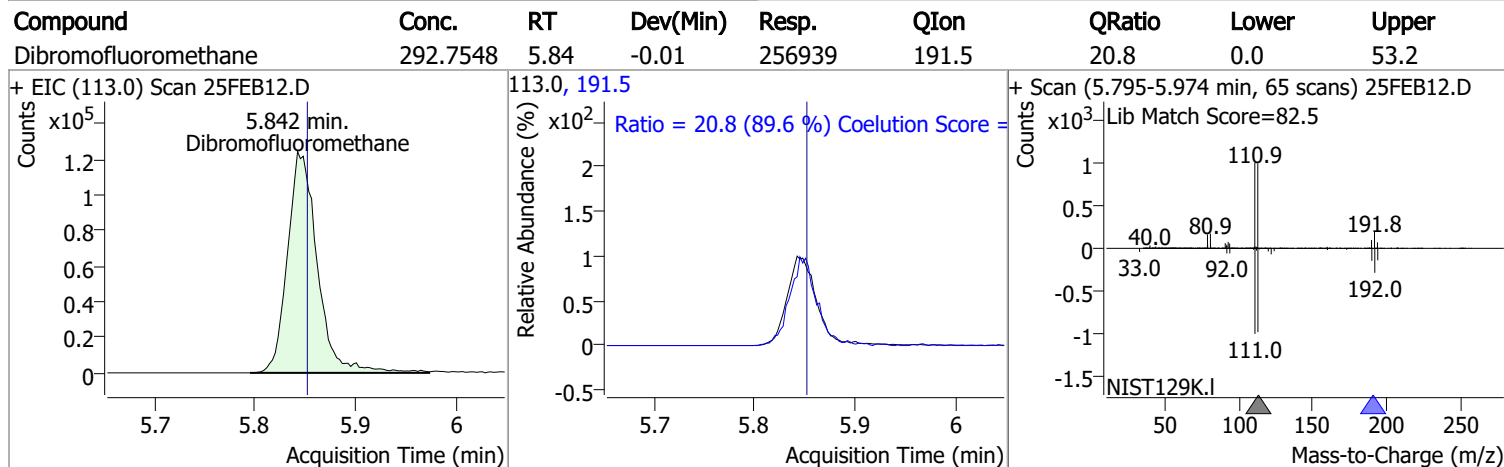
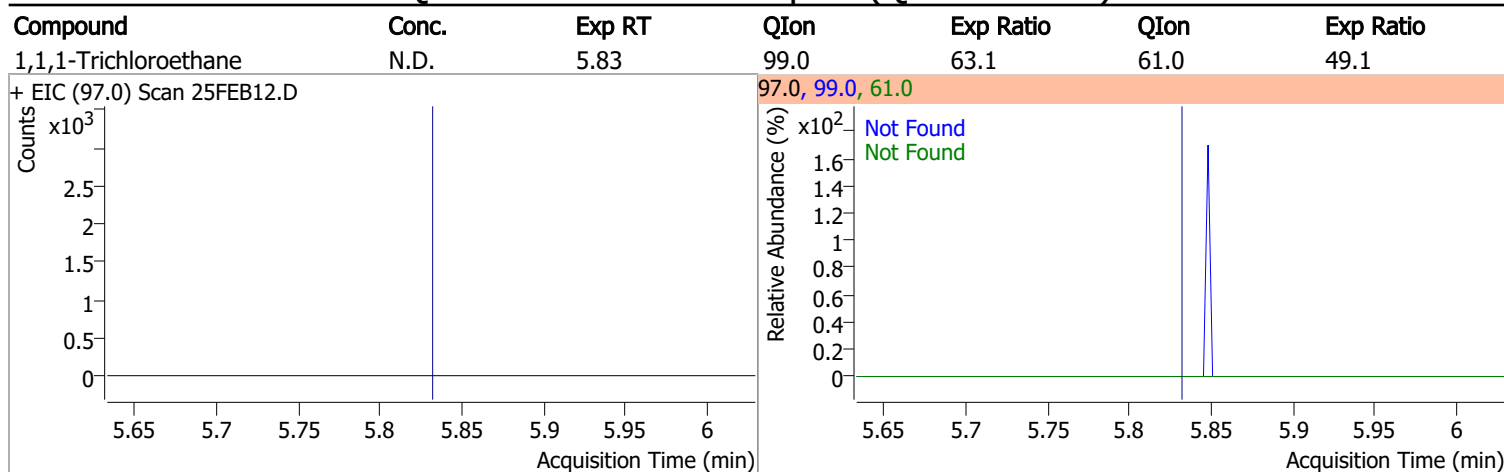
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|----------|------|--------|-------|-------|
| Chloroform | 3.1321 | 5.65 | 0.00 | 5508 (m) | 85.0 | 61.4 | 36.2 | 96.2 |

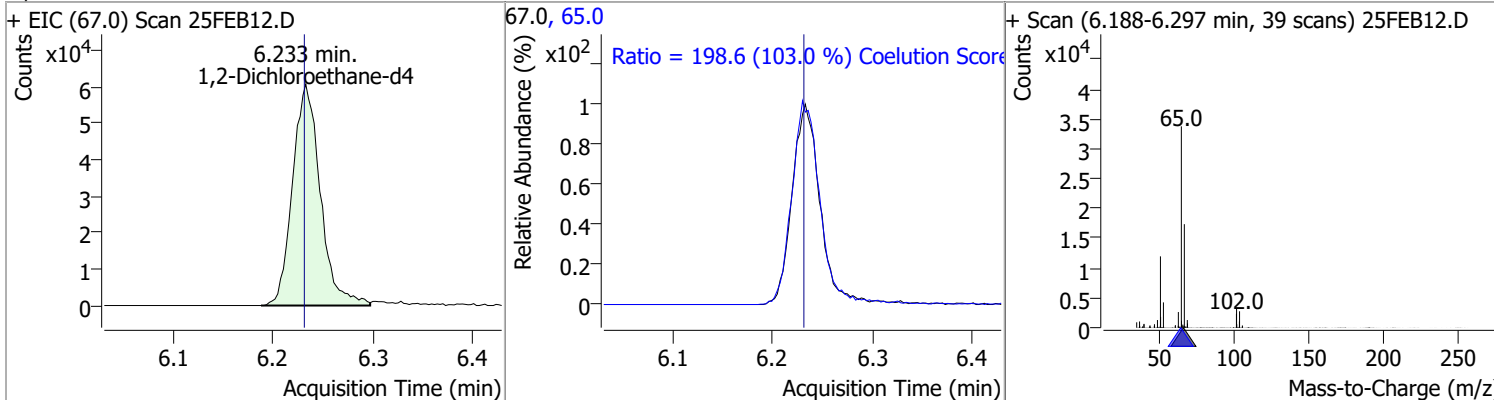


Quantitation Results Report (QT Reviewed)

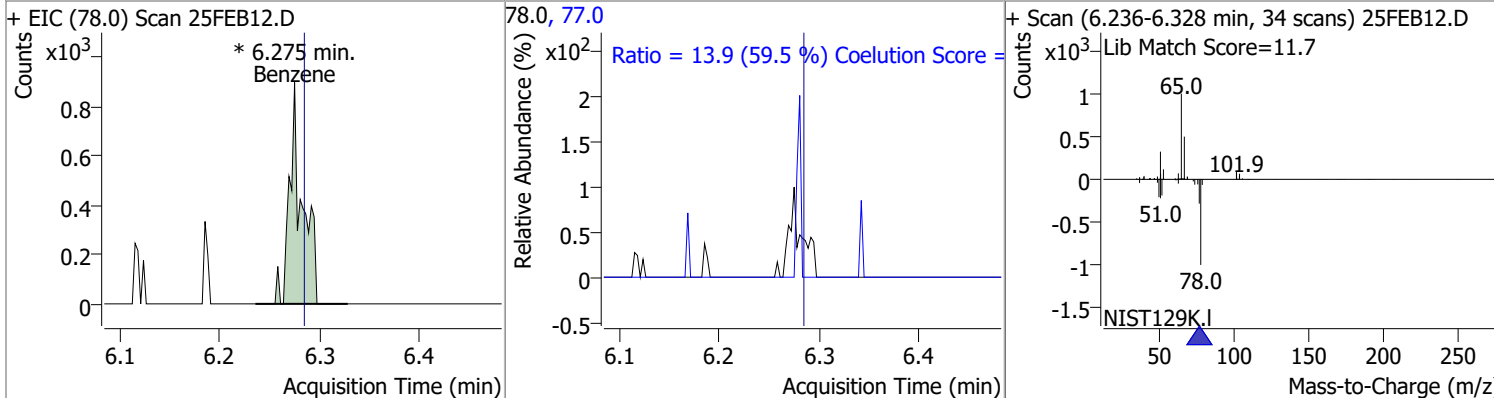


Quantitation Results Report (QT Reviewed)

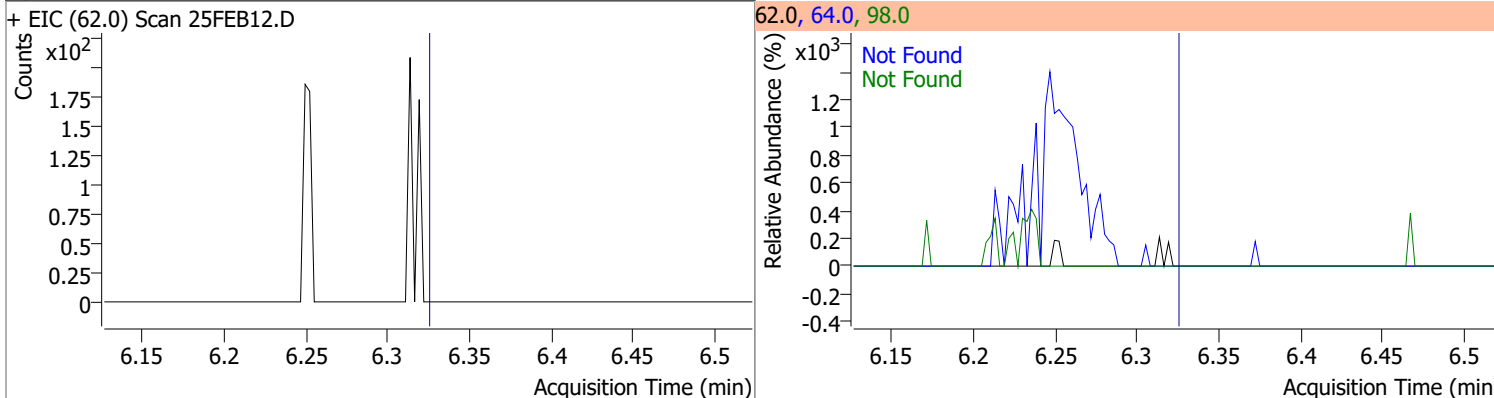
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 307.0300 | 6.23 | 0.00 | 116403 | 65.0 | 198.6 | 162.8 | 222.8 |



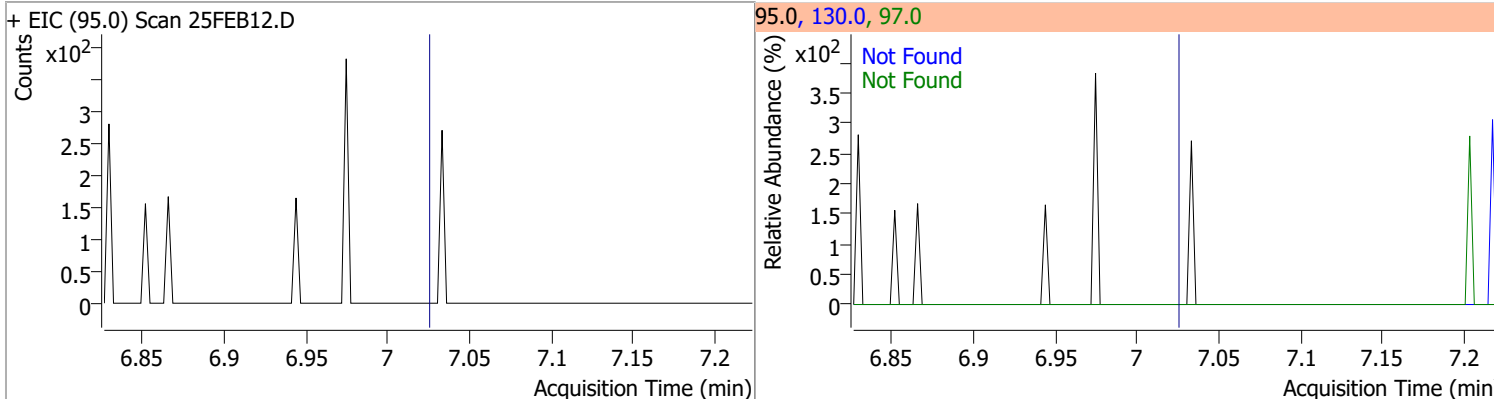
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|---------|------|--------|-------|-------|
| Benzene | 0.2232 | 6.27 | -0.01 | 808 (m) | 77.0 | 13.9 | 0.0 | 53.3 |



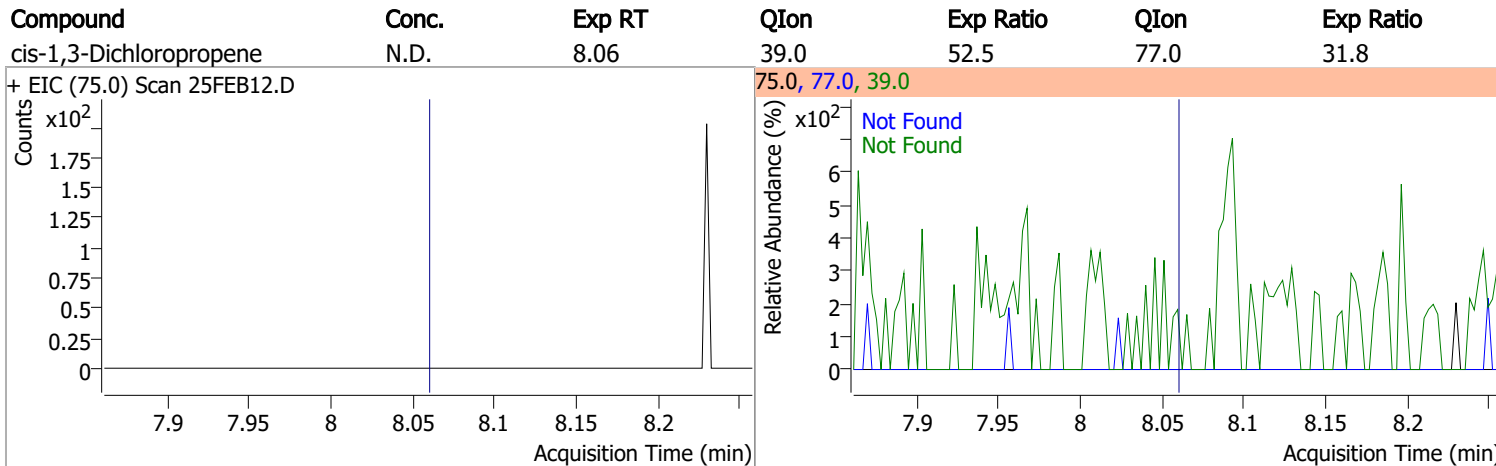
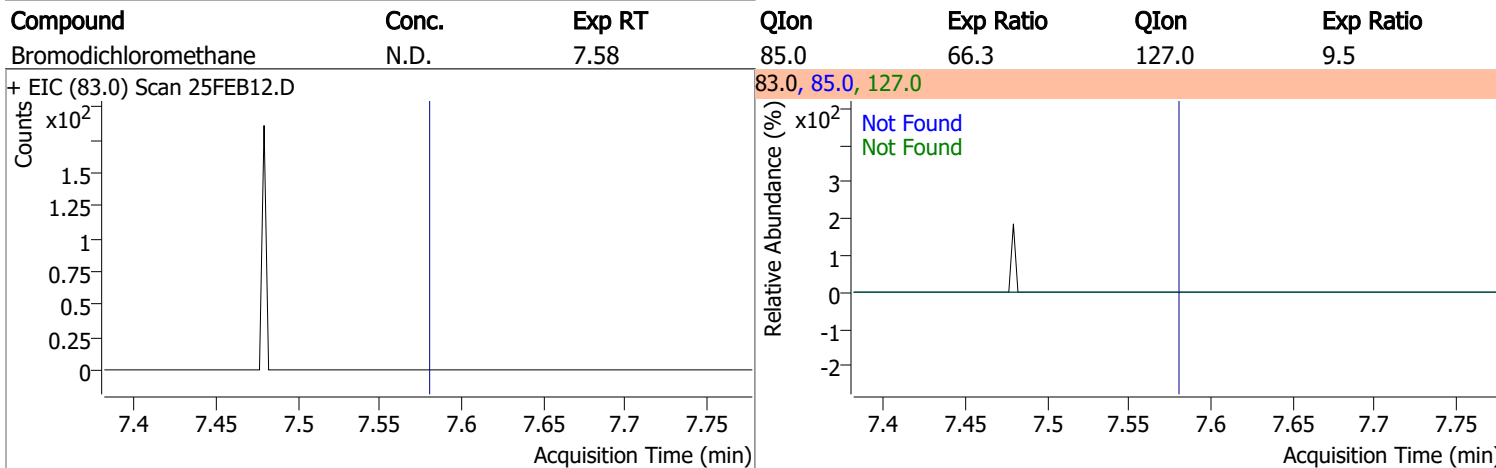
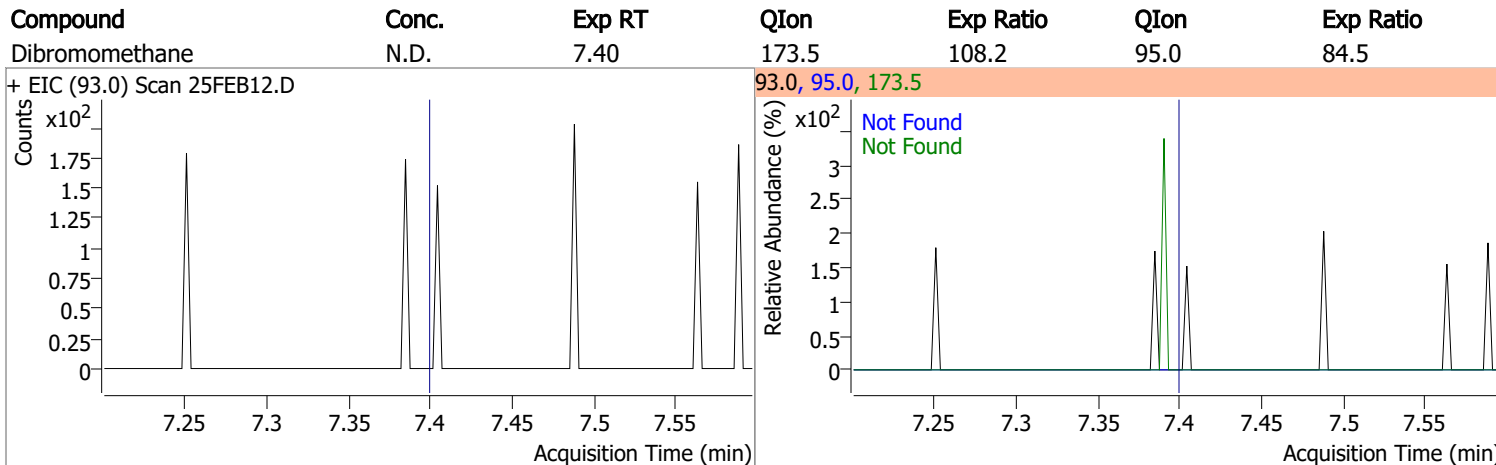
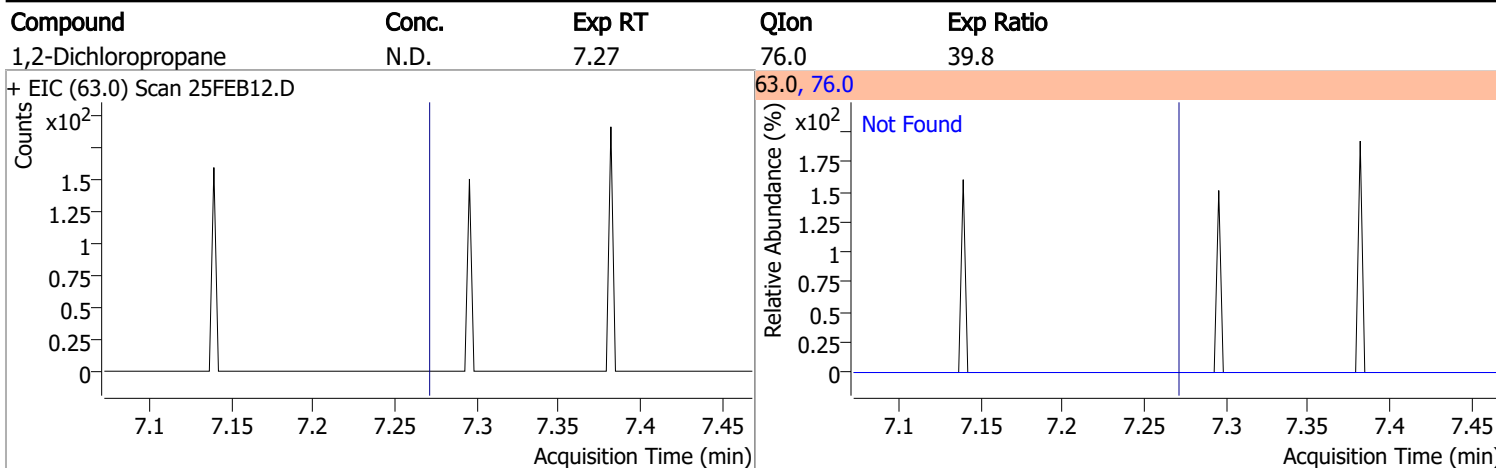
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

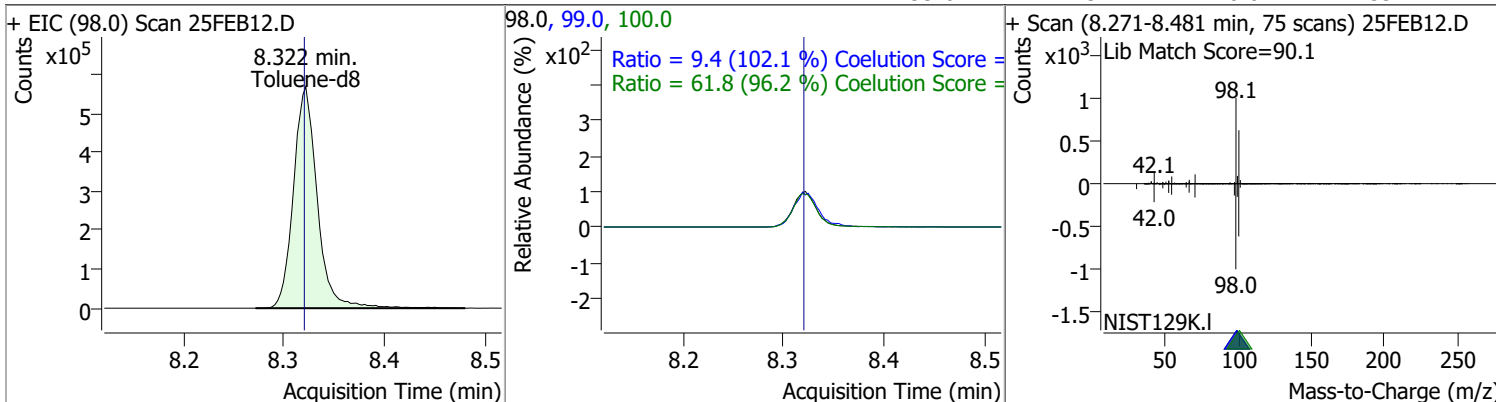


Quantitation Results Report (QT Reviewed)

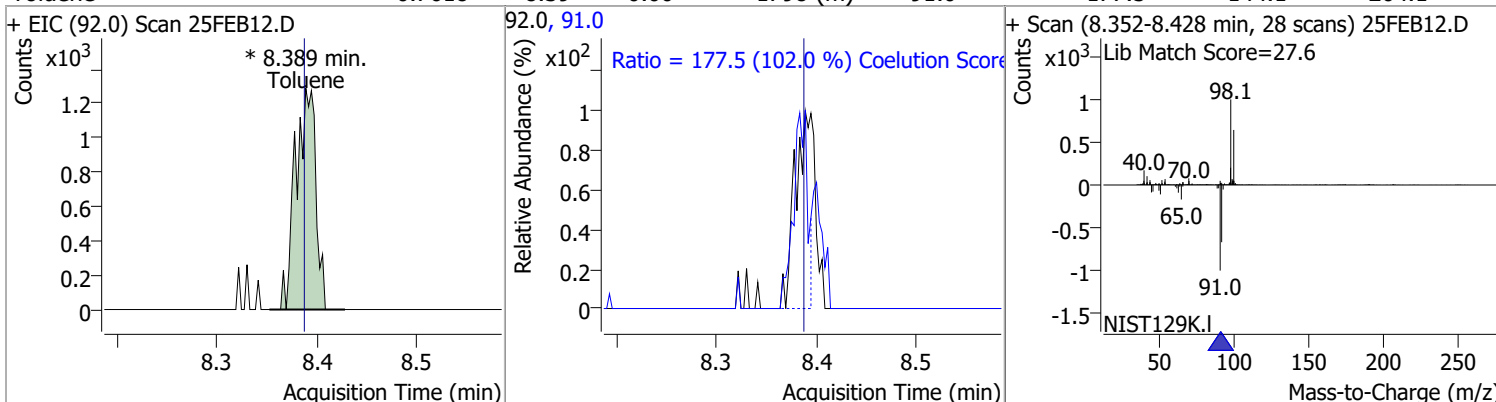


Quantitation Results Report (QT Reviewed)

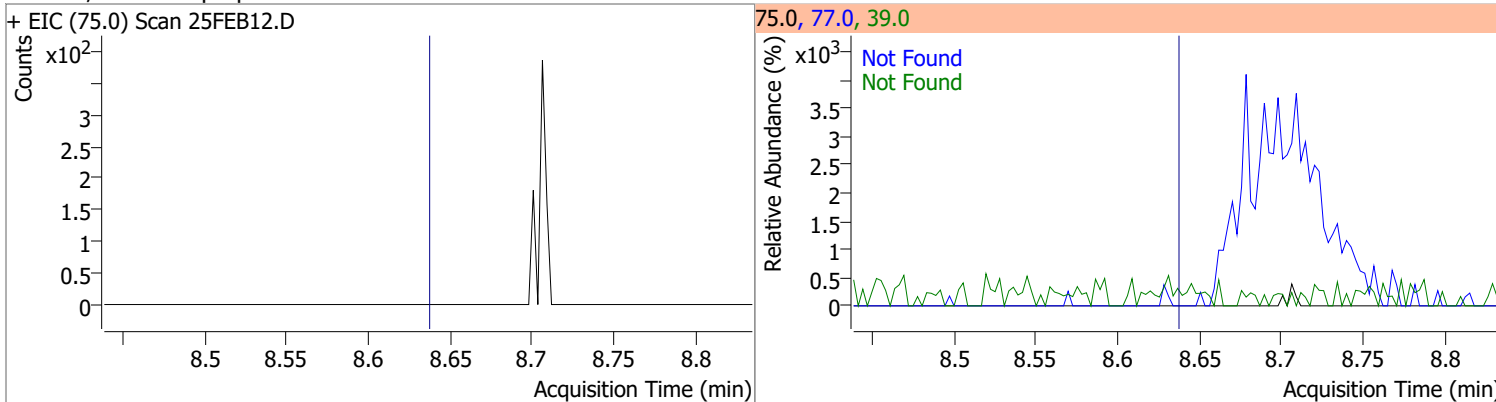
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 264.2202 | 8.32 | 0.00 | 935636 | 100.0 | 61.8 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |



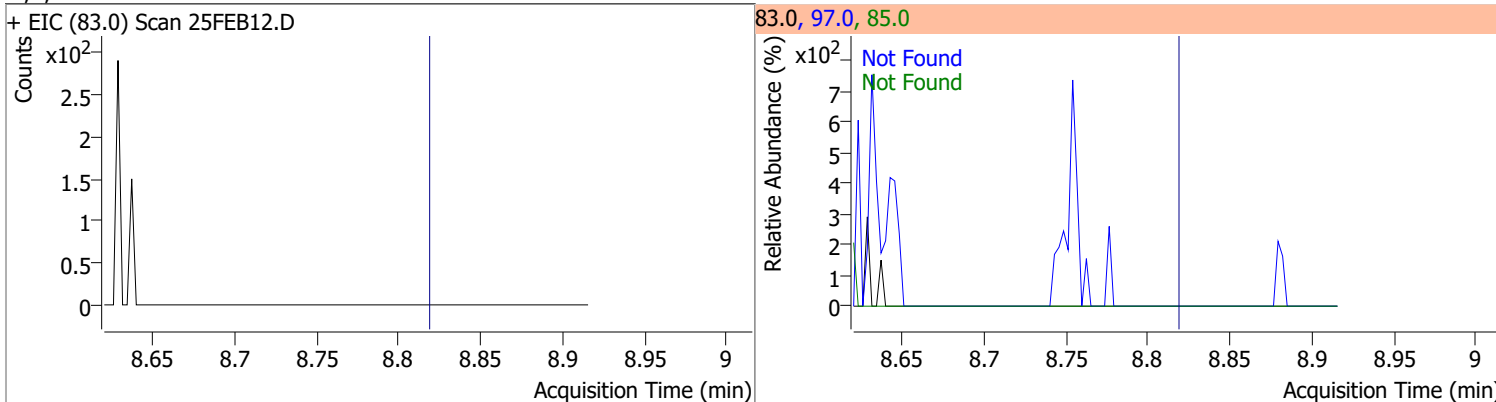
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|----------|------|--------|-------|-------|
| Toluene | 0.7618 | 8.39 | 0.00 | 1798 (m) | 91.0 | 177.5 | 144.1 | 204.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |

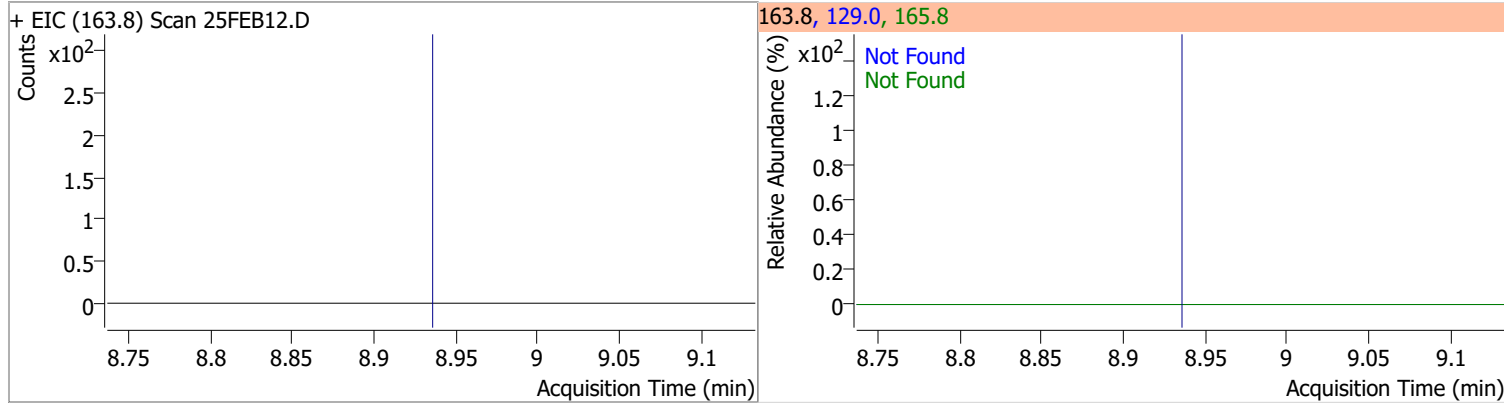


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

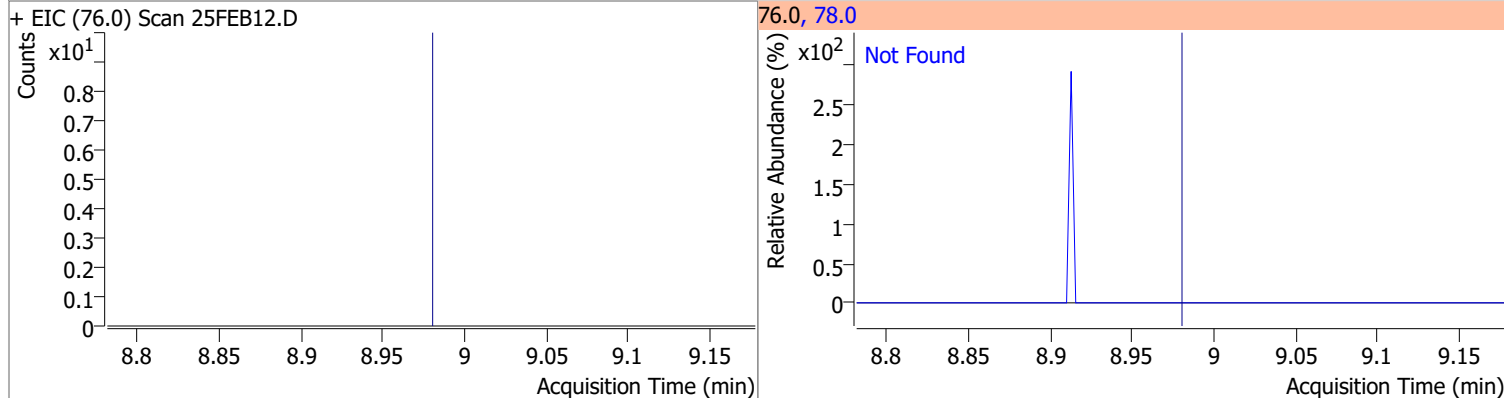


Quantitation Results Report (QT Reviewed)

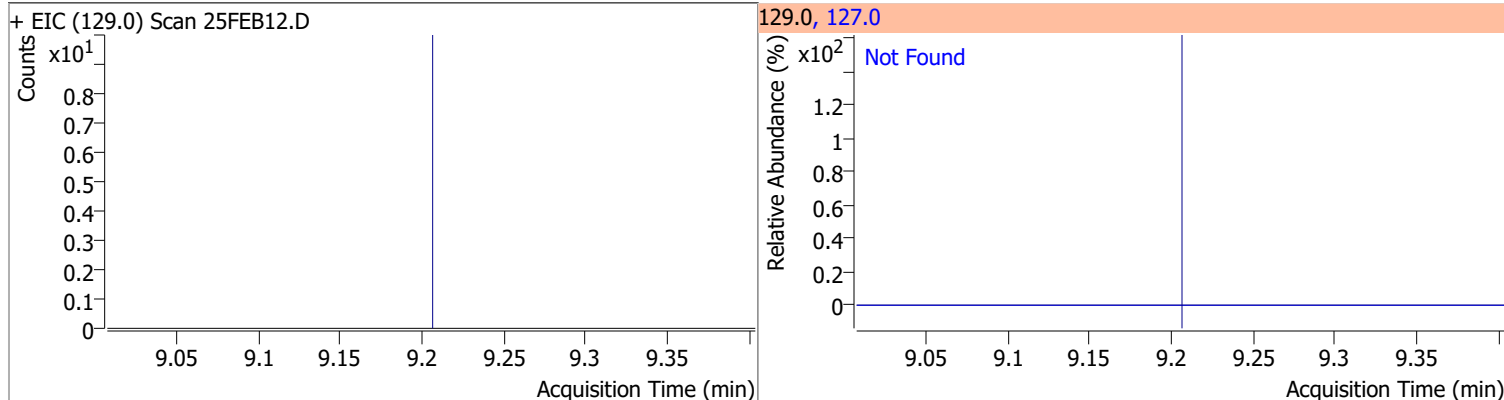
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |



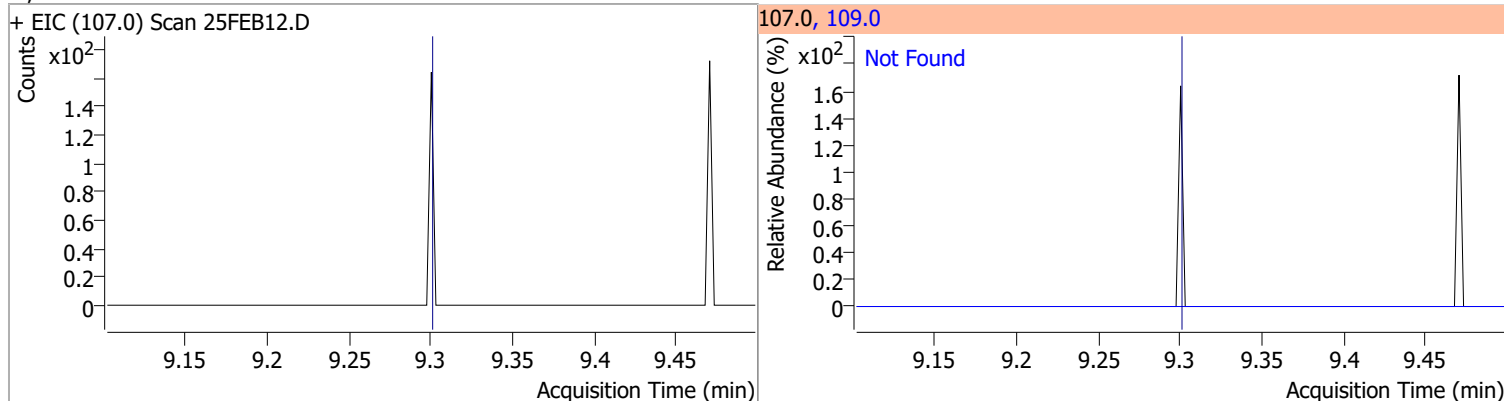
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 |



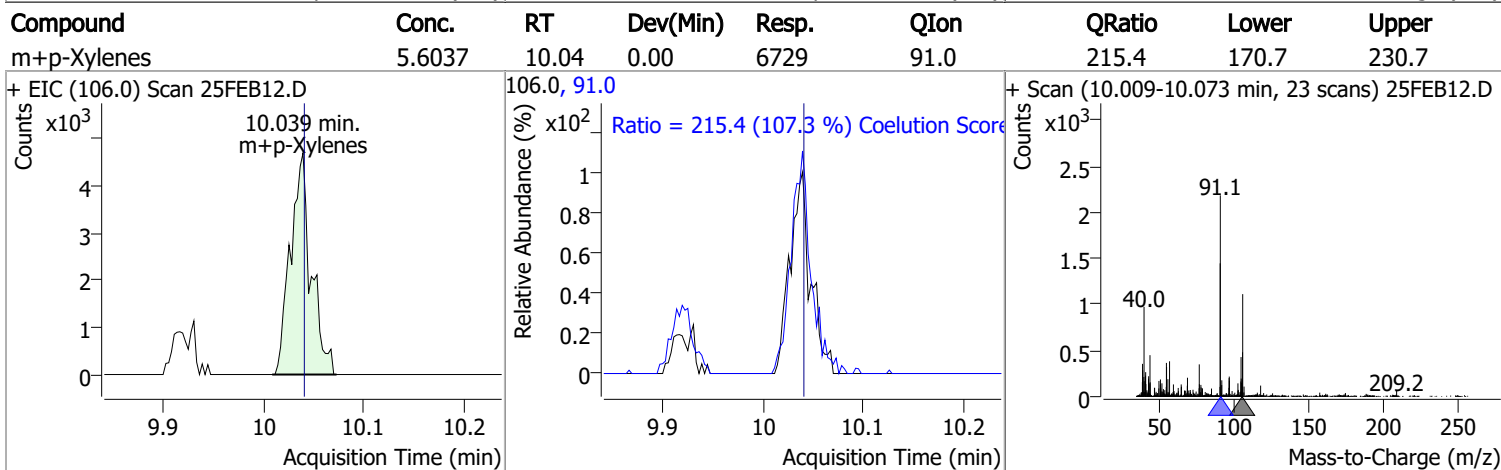
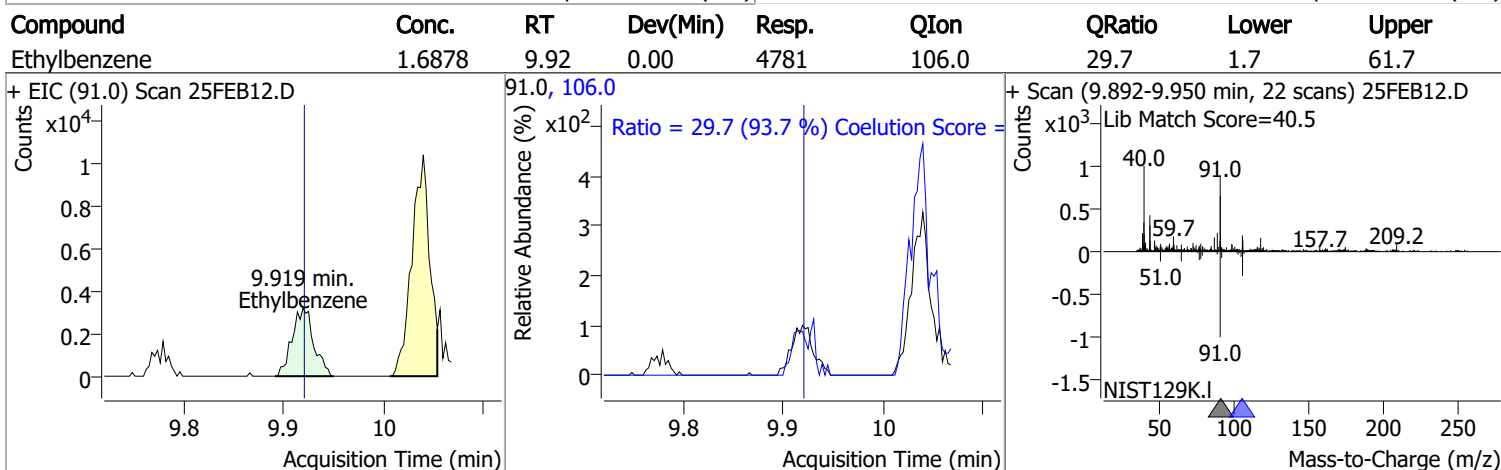
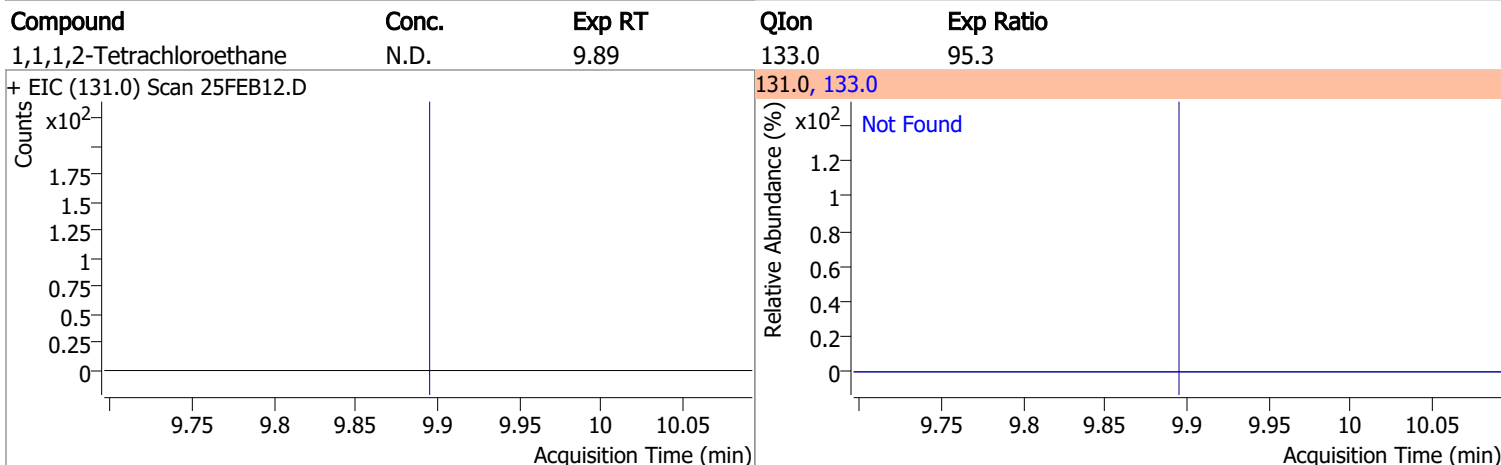
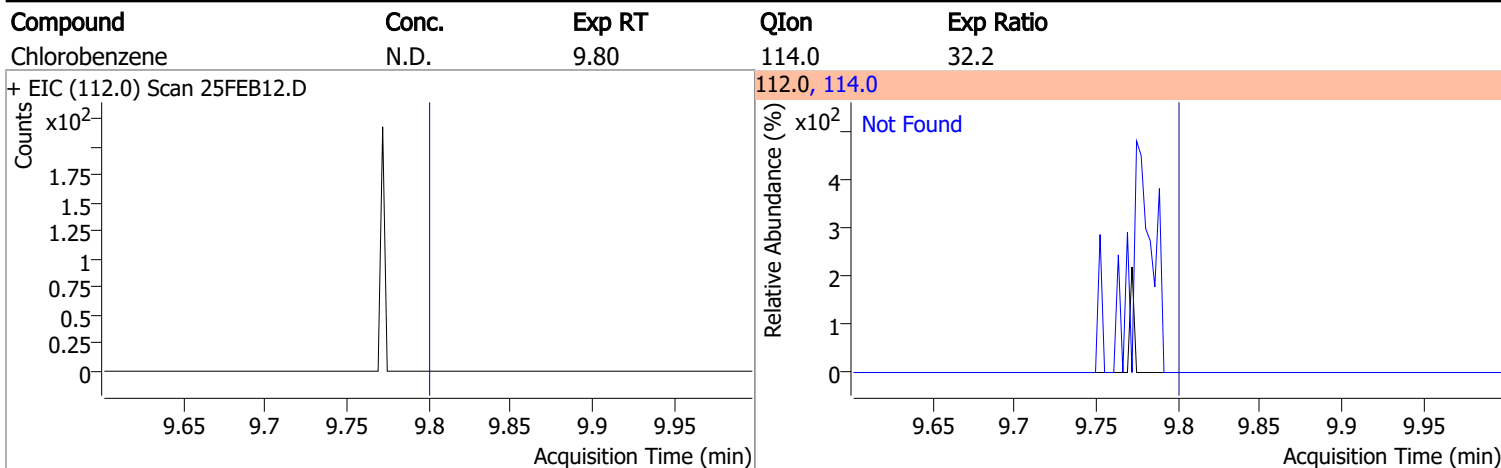
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 |

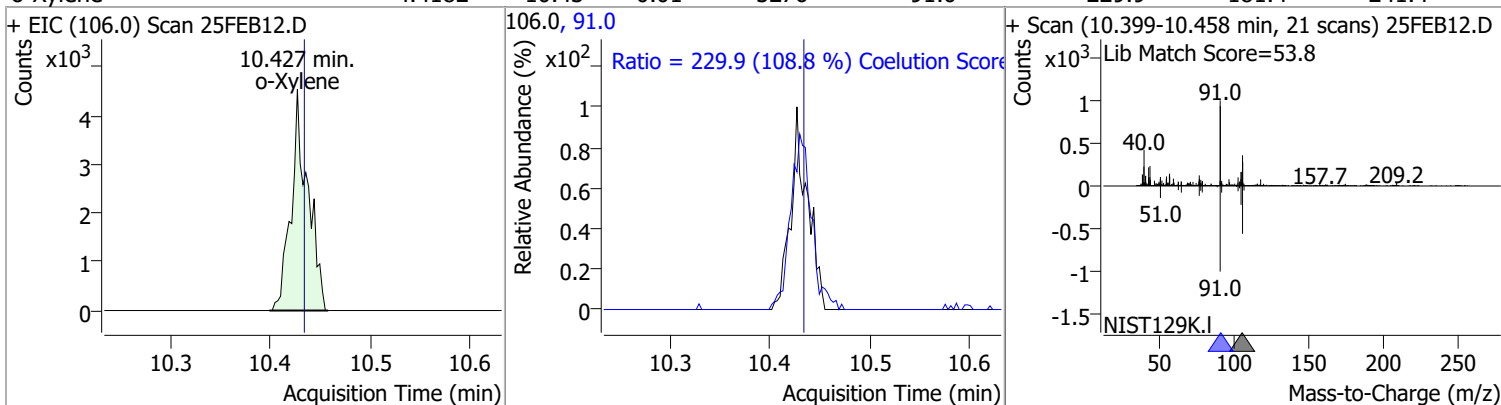


Quantitation Results Report (QT Reviewed)

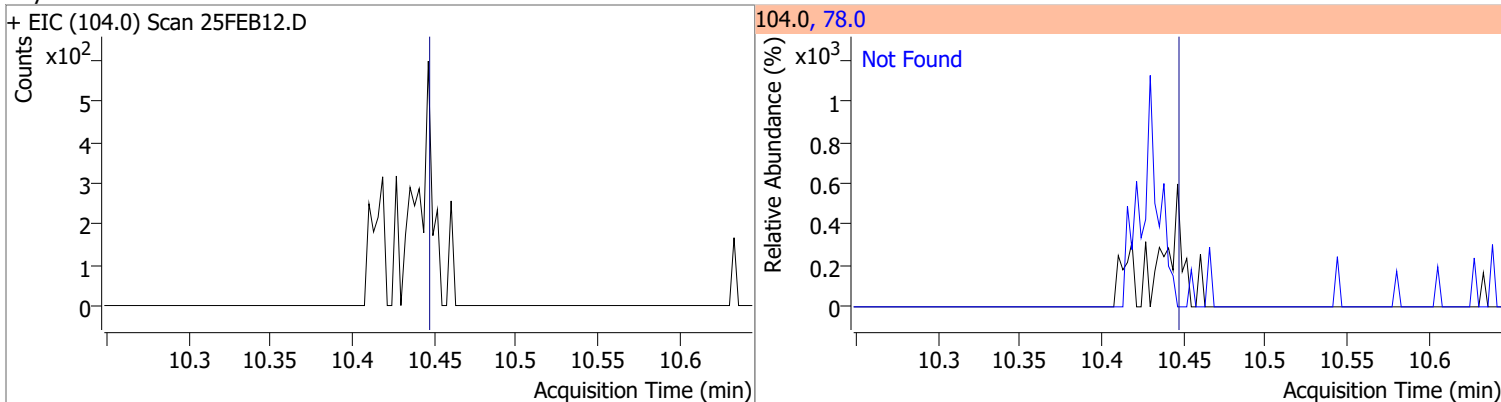


Quantitation Results Report (QT Reviewed)

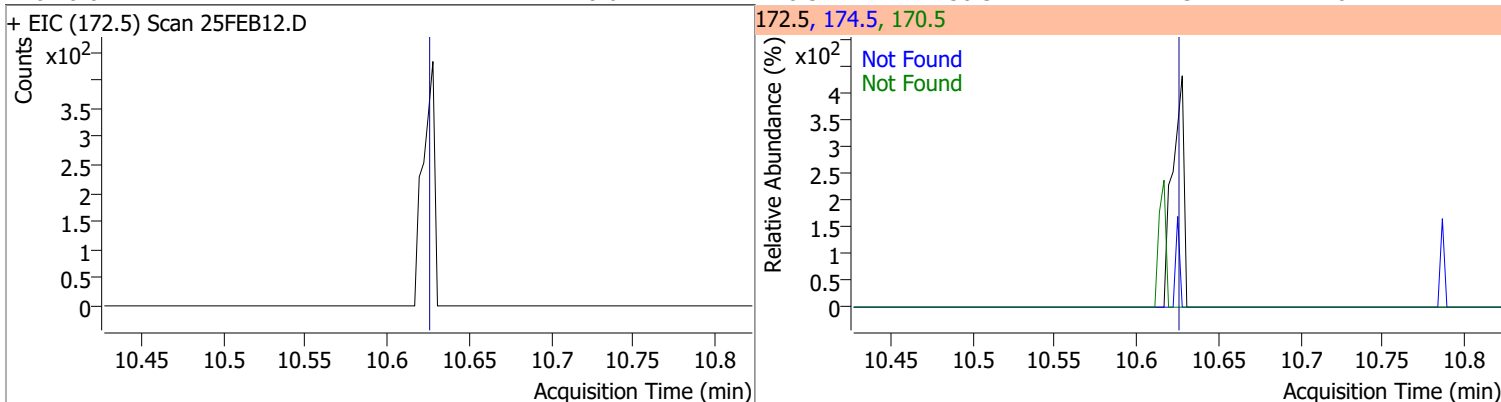
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|-------|----------|-------|------|--------|-------|-------|
| o-Xylene | 4.4182 | 10.43 | -0.01 | 5276 | 91.0 | 229.9 | 181.4 | 241.4 |



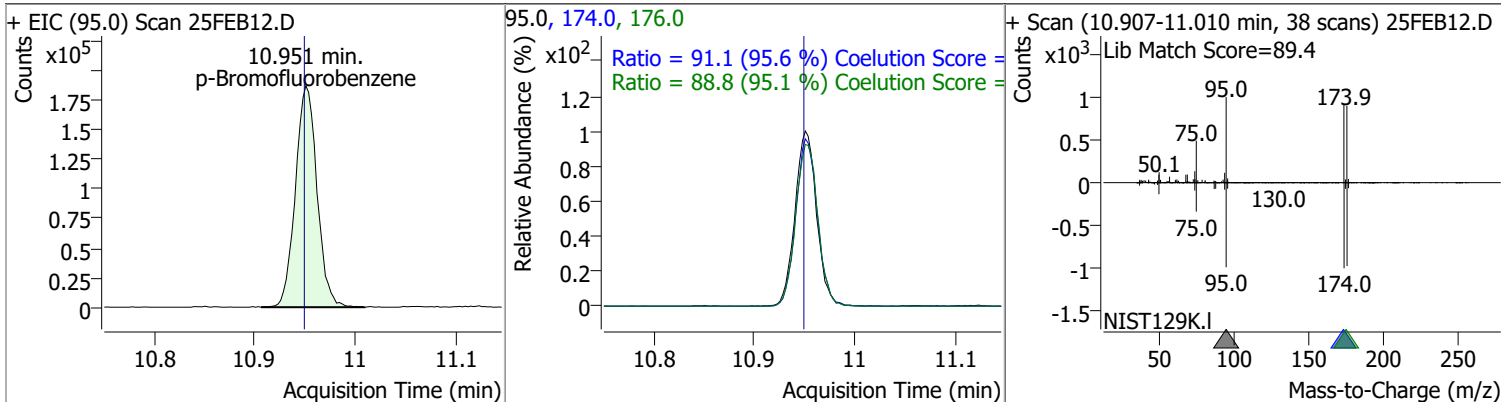
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



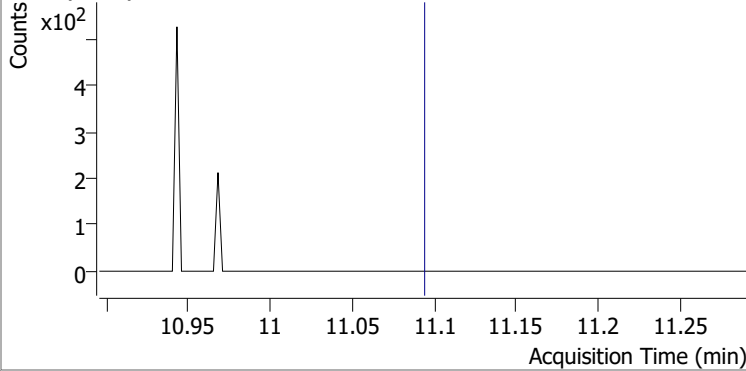
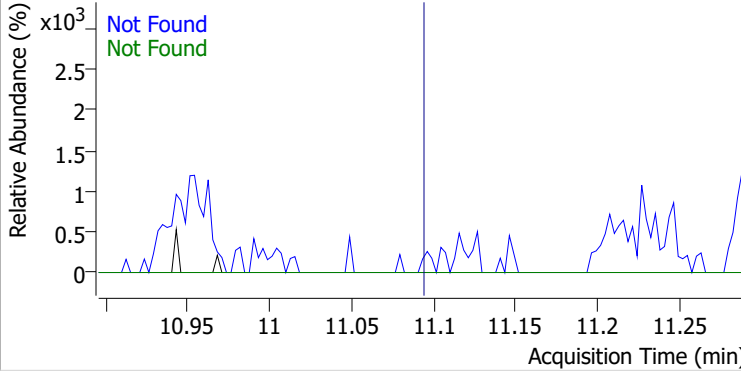
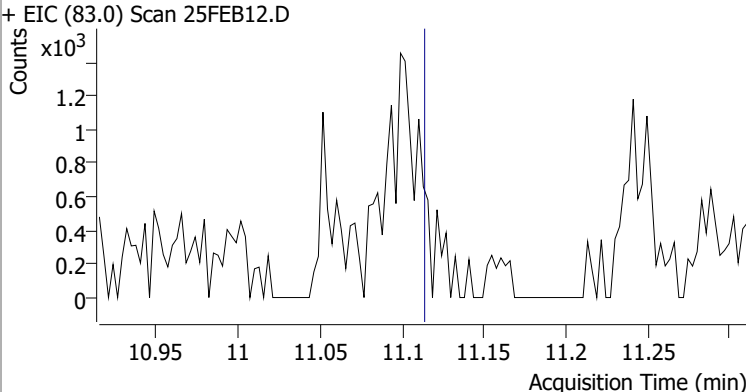
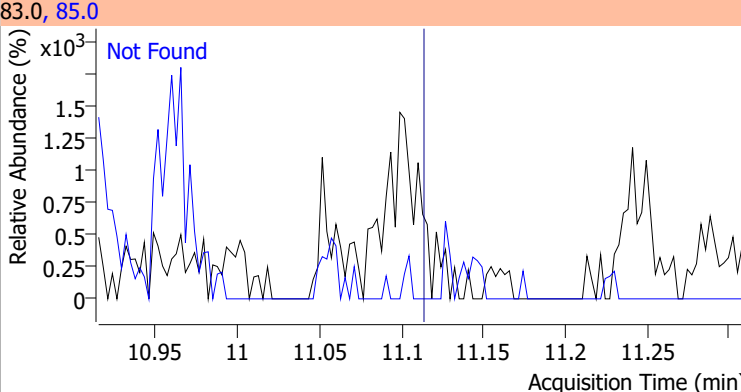
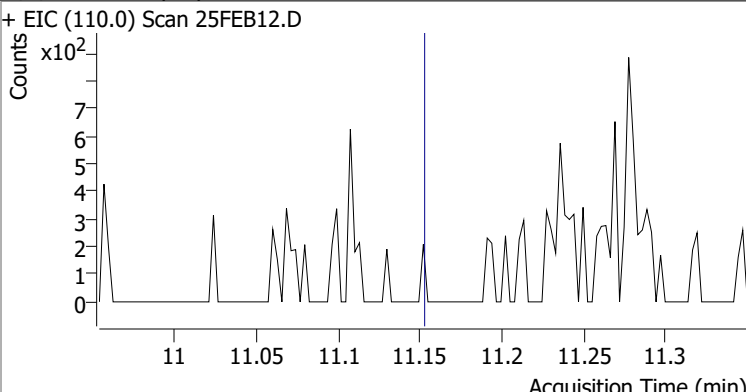
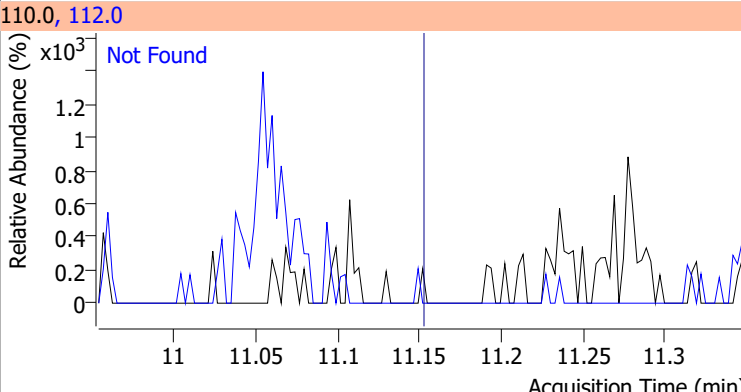
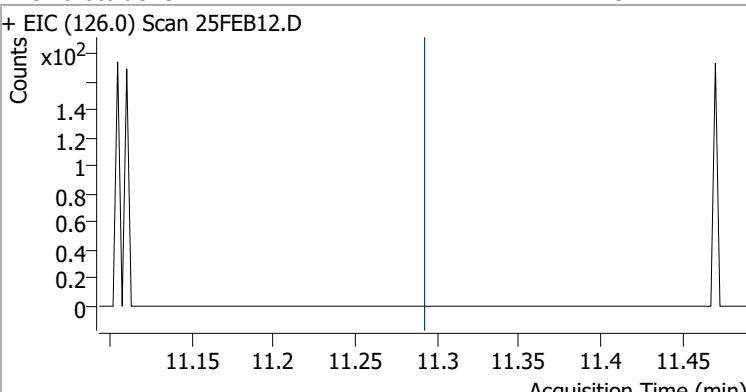
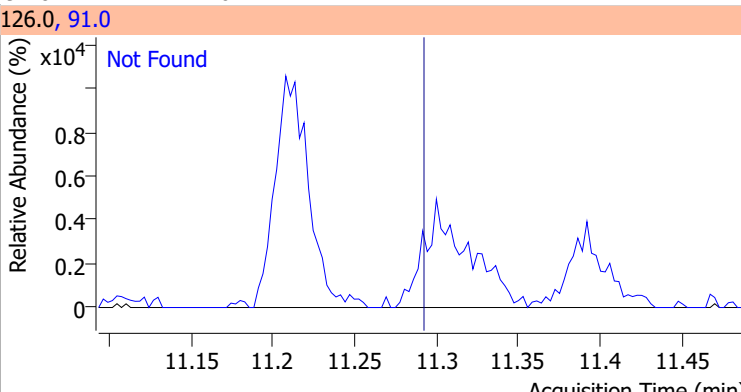
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 266.1822 | 10.95 | 0.00 | 279862 | 174.0 | 91.1 | 65.3 | 125.3 |
| | | | | | 176.0 | 88.8 | 63.3 | 123.3 |

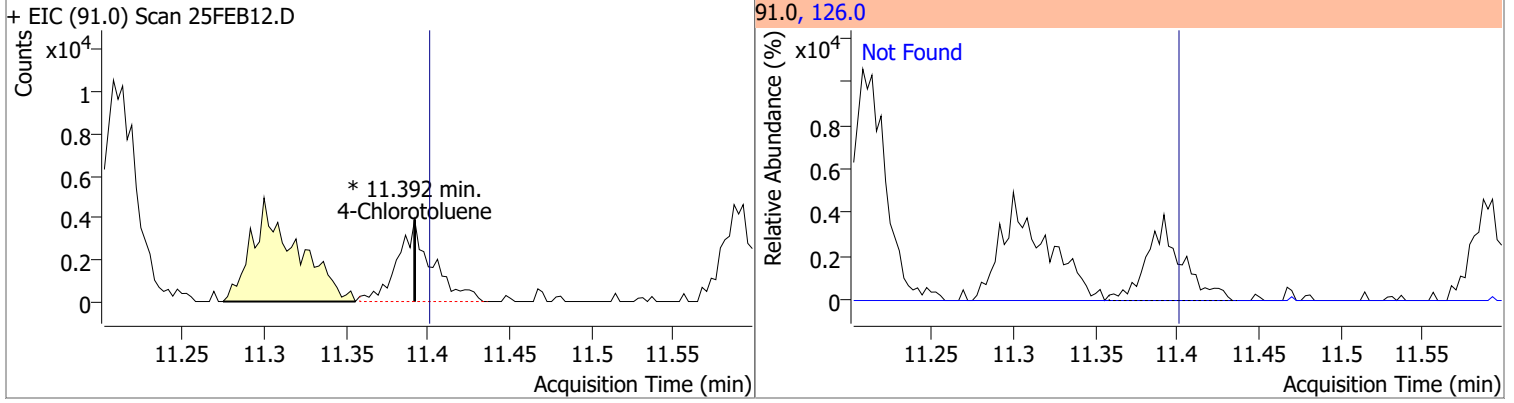


Quantitation Results Report (QT Reviewed)

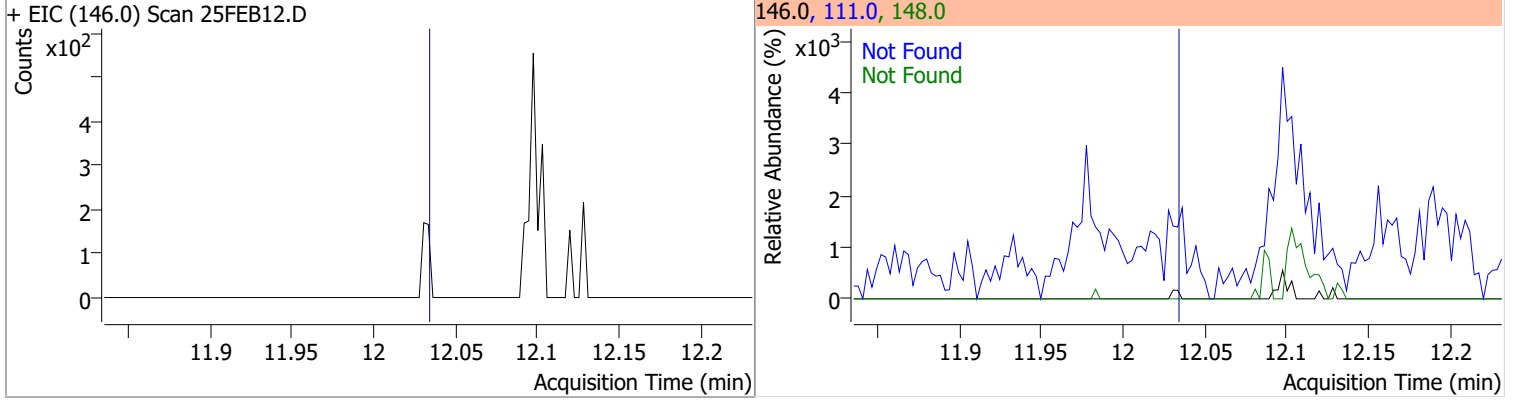
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB12.D | | | 156.0, 77.0, 158.0 | | | |
|  | | |  | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB12.D | | | 83.0, 85.0 | | | |
|  | | |  | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB12.D | | | 110.0, 112.0 | | | |
|  | | |  | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB12.D | | | 126.0, 91.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

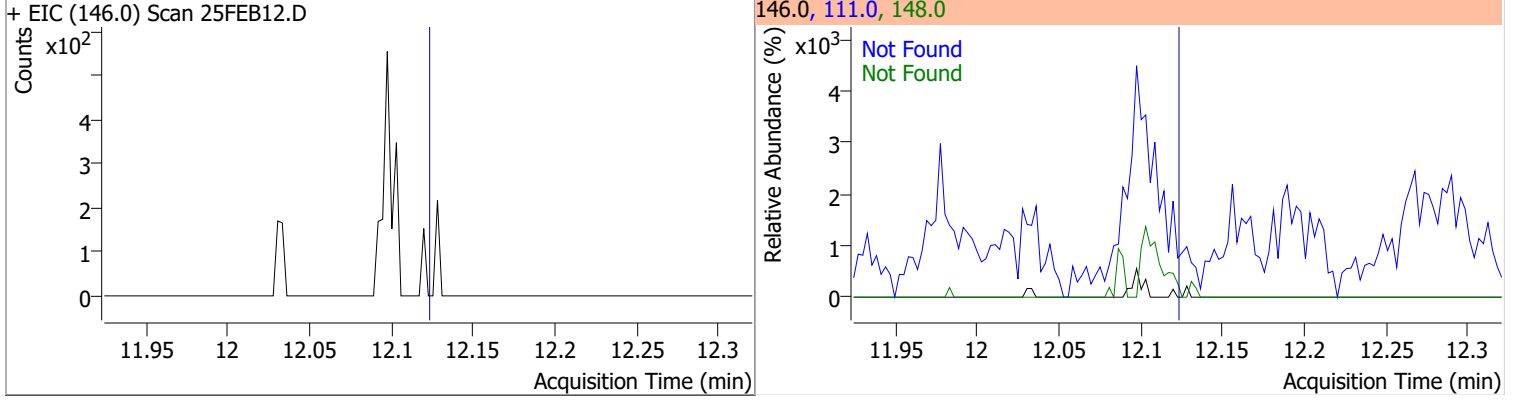
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|-------|----|----------|-------|-------|--------|-------|-------|
| 4-Chlorotoluene | | 0 | | 0 | 126.0 | | 1.3 | 61.3 |



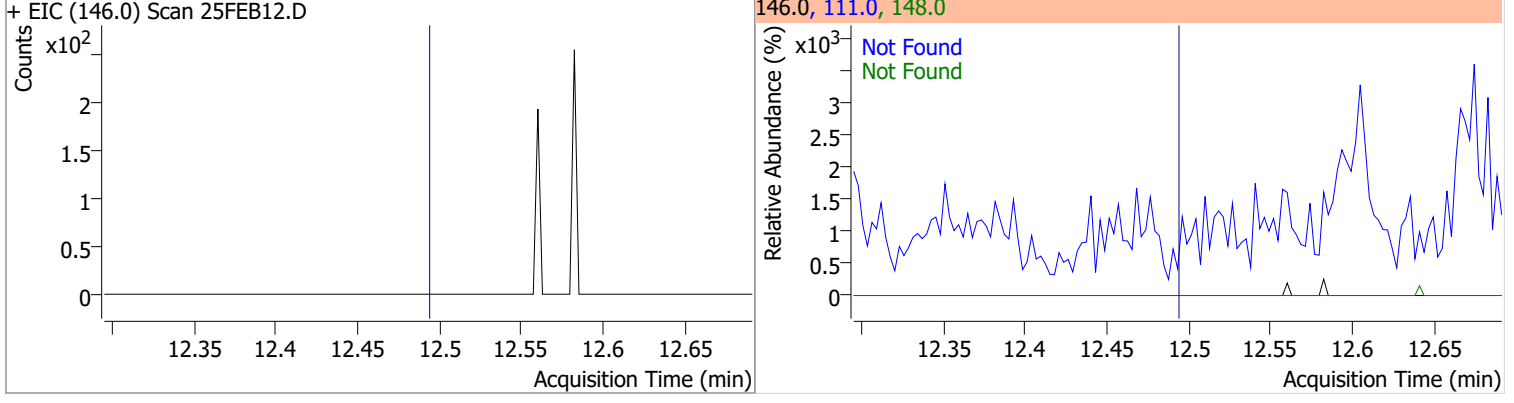
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | 111.0 | 38.7 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | 111.0 | 38.7 |

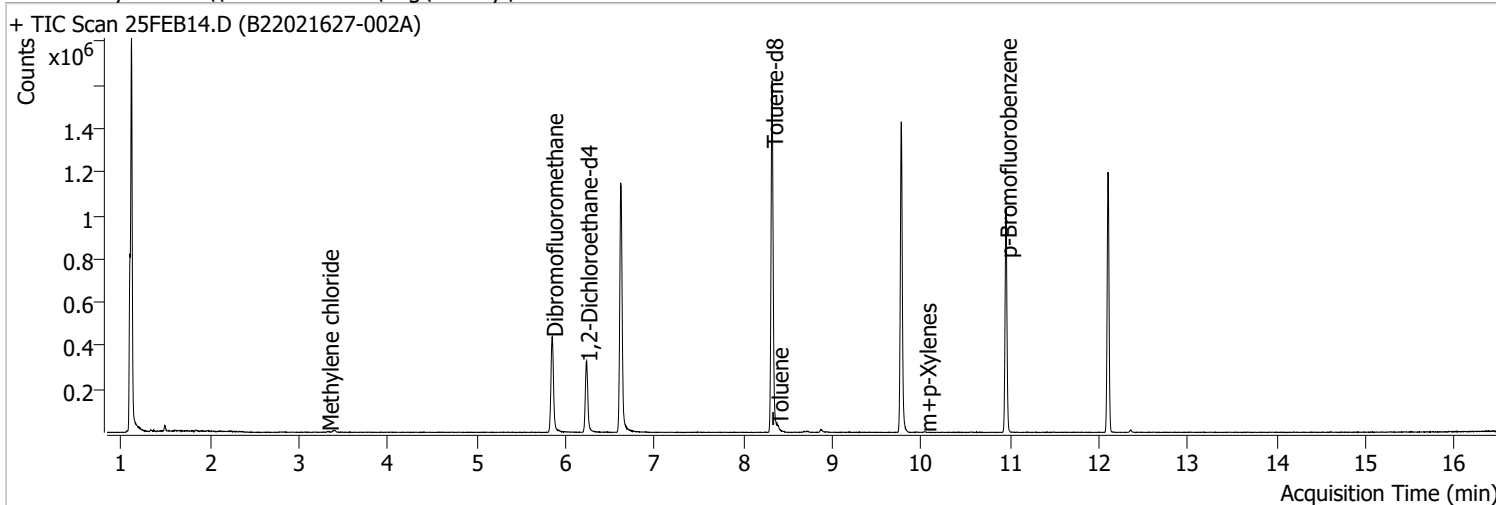


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|-------|-----------|-------|-----------|
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | 111.0 | 39.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB14.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 4:14:39 PM |
| Sample Name | B22021627-002A | Instrument | VOA5975C |
| Vial | 14 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



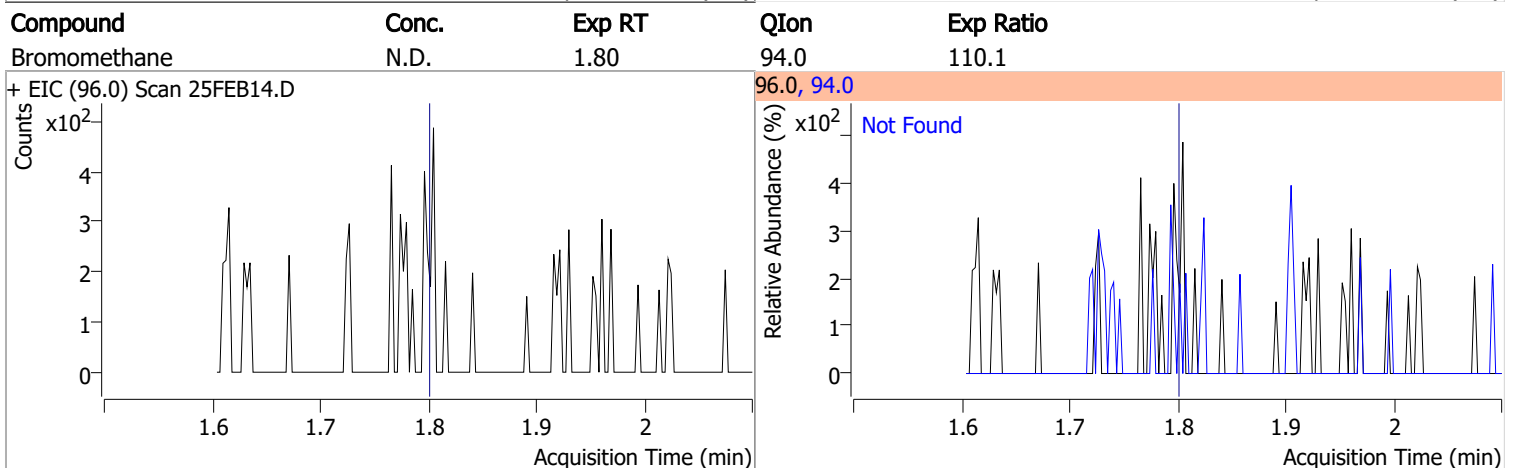
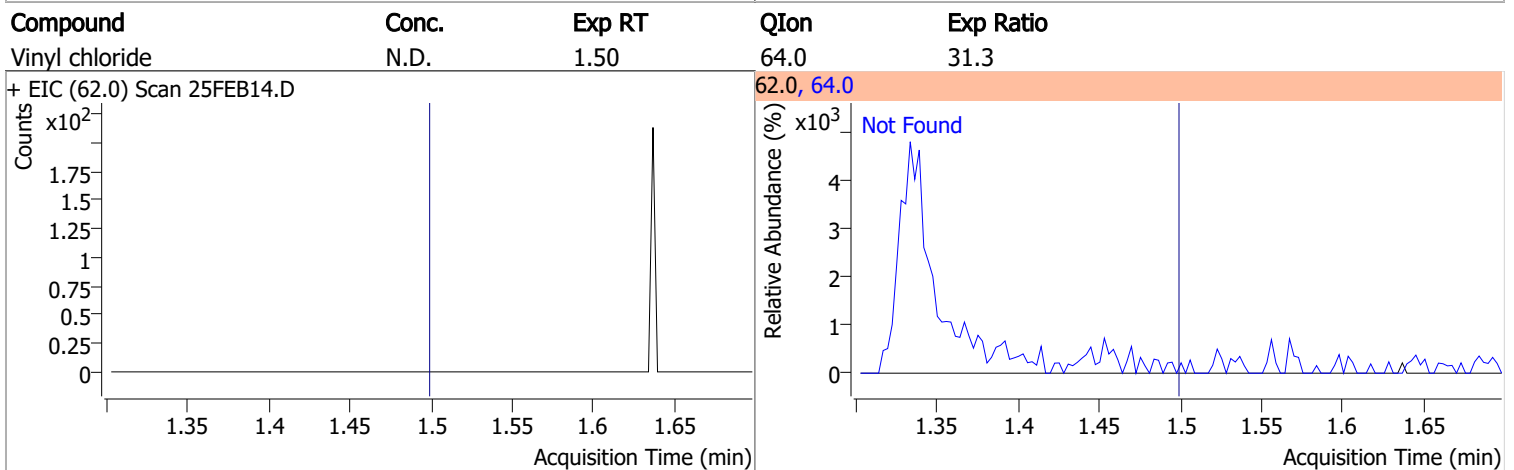
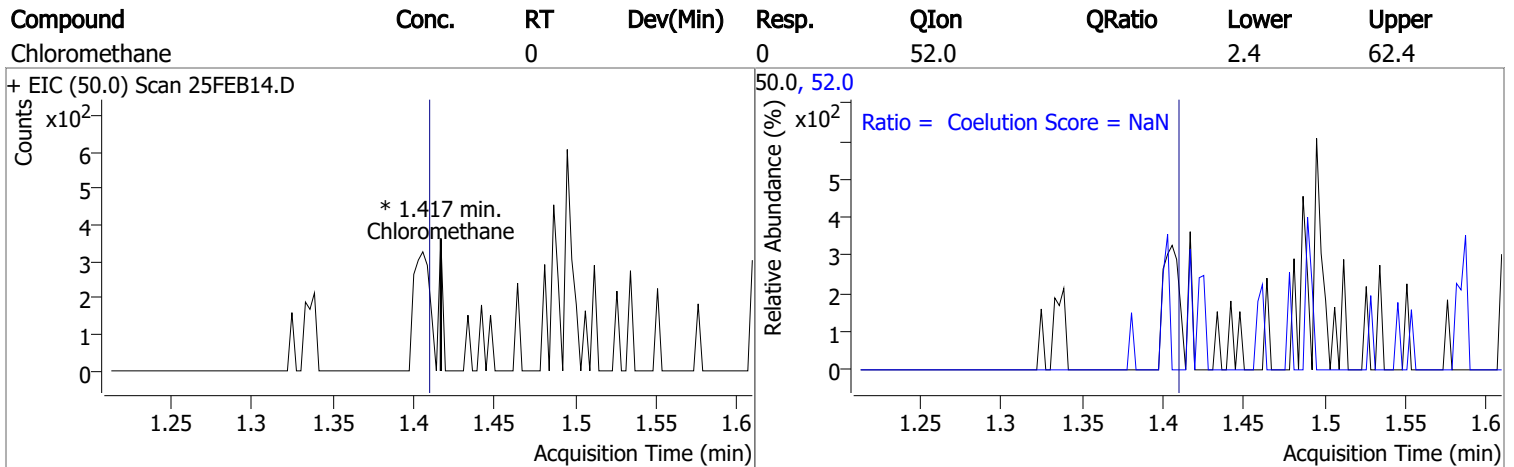
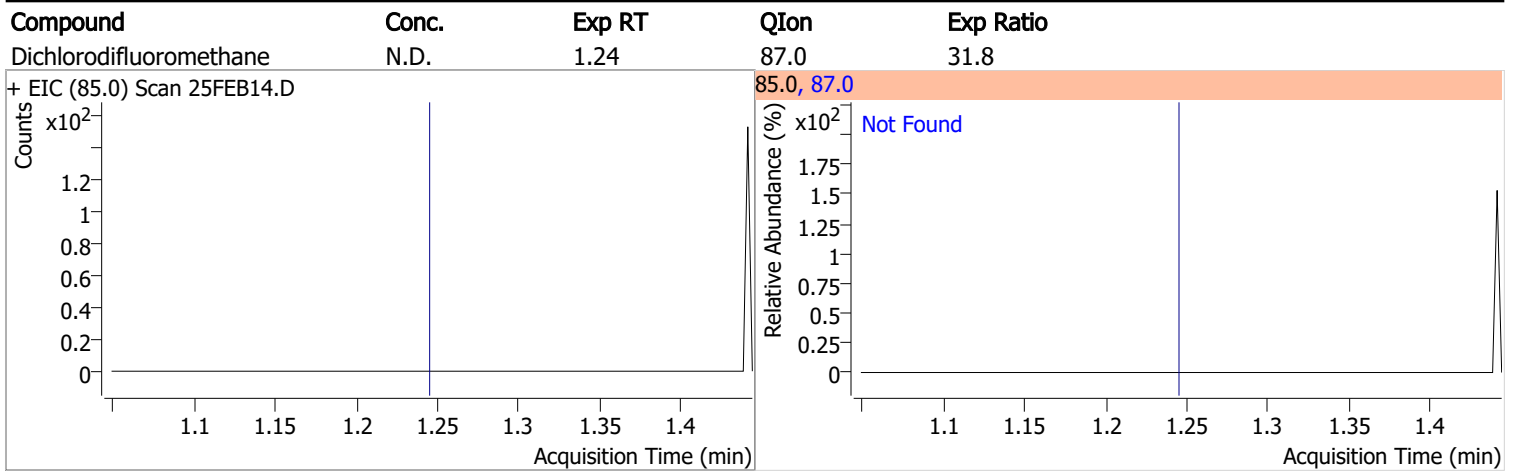
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.623 | 96.0 | 1011264 | 250.0000 | ng | 0.003 |
| M Chlorobenzene-d5 | 9.772 | 82.0 | 390163 | 250.0000 | ng | -0.003 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 285116 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 265934 | 271.5019 | ng | -0.003 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 108.60% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 123330 | 291.4811 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 116.59% | | |
| S Toluene-d8 | 8.321 | 98.0 | 1022527 | 268.6325 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 107.45% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 284472 | 270.2271 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 108.09% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.417 | 50.0 | 0 | | ng | md 1 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.324 | 49.0 | 2564 | 1.7344 | ng | m 96 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 0.000 | | 0 | N.D. | | |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 8.383 | 92.0 | 4982 | 1.9636 | ng | 84 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | |
| T m+p-Xylenes | 10.048 | 106.0 | 751 | 2.1828 | ng | m 89 |
| T o-Xylene | 0.000 | | 0 | N.D. | | |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 0.000 | | 0 | N.D. | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

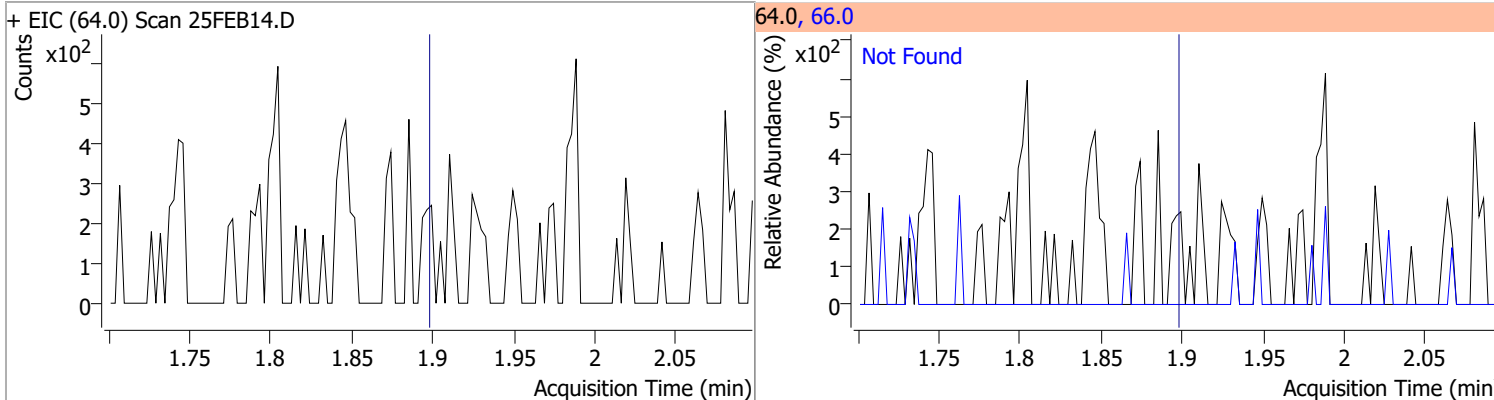
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

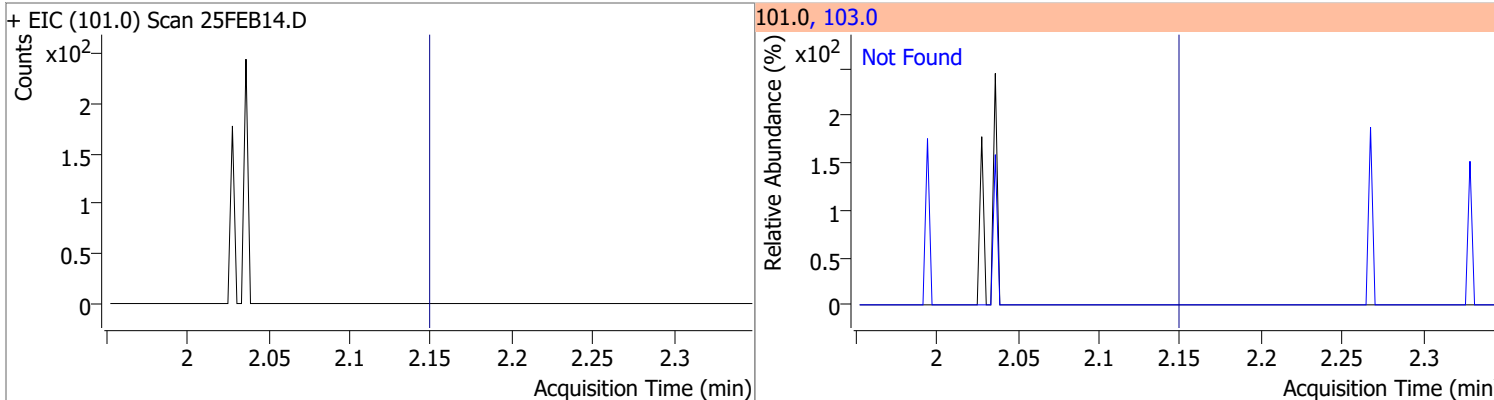


Quantitation Results Report (QT Reviewed)

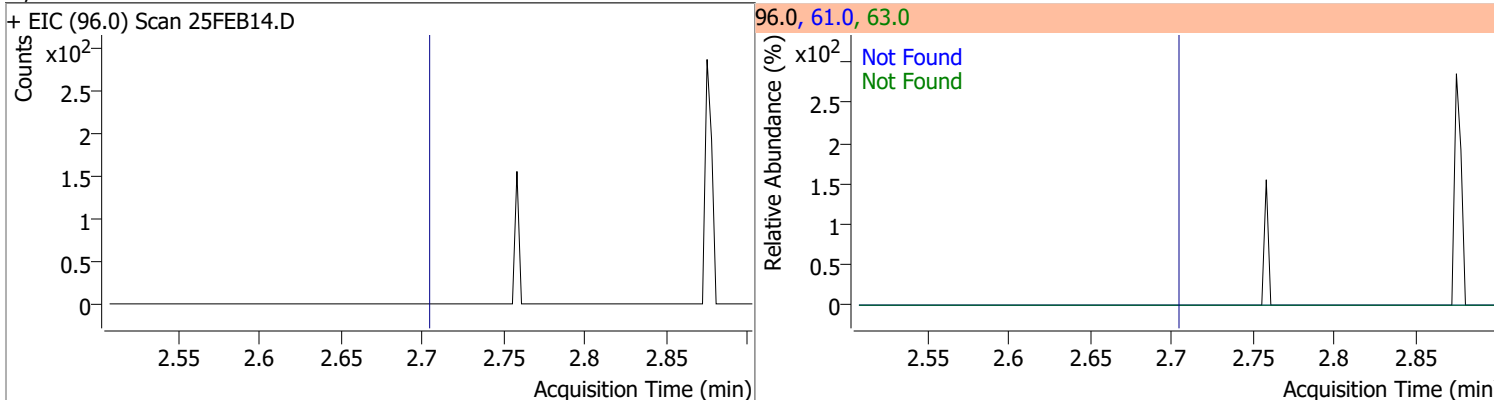
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



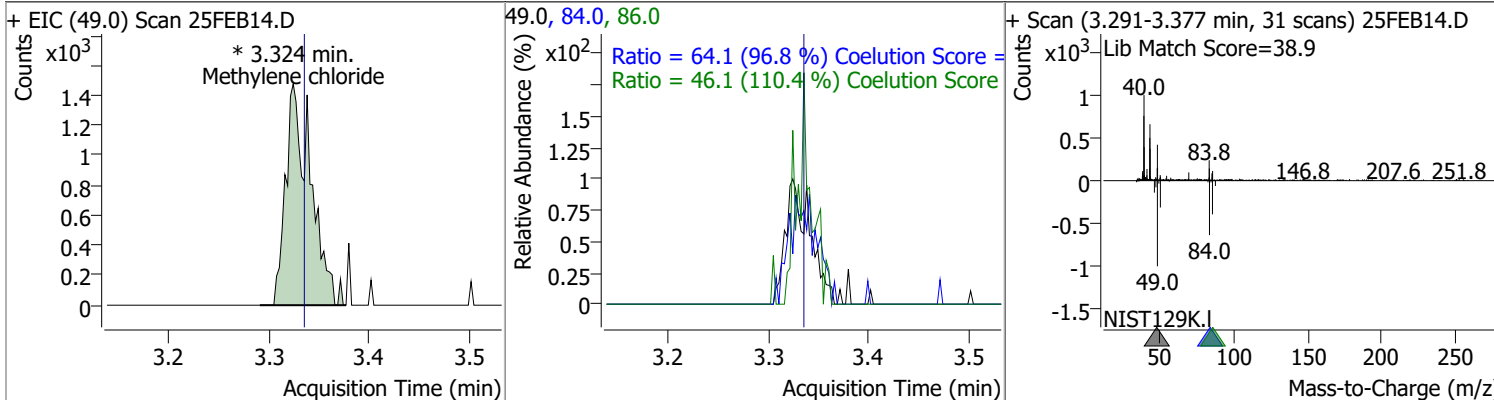
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |

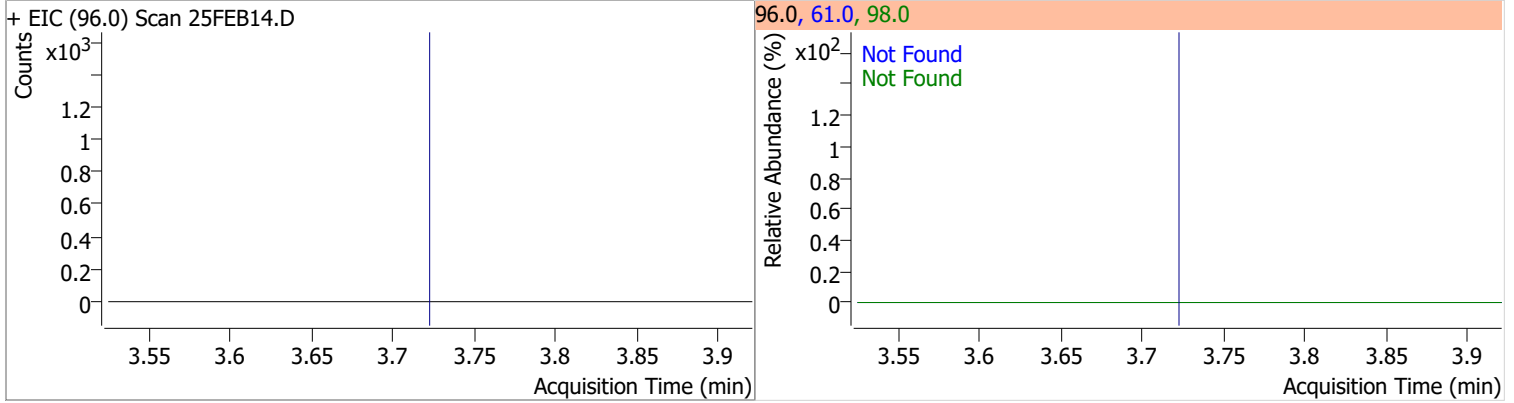


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 1.7344 | 3.32 | -0.01 | 2564 (m) | 84.0 | 64.1 | 36.1 | 96.1 |
| | | | | | 86.0 | 46.1 | 11.8 | 71.8 |

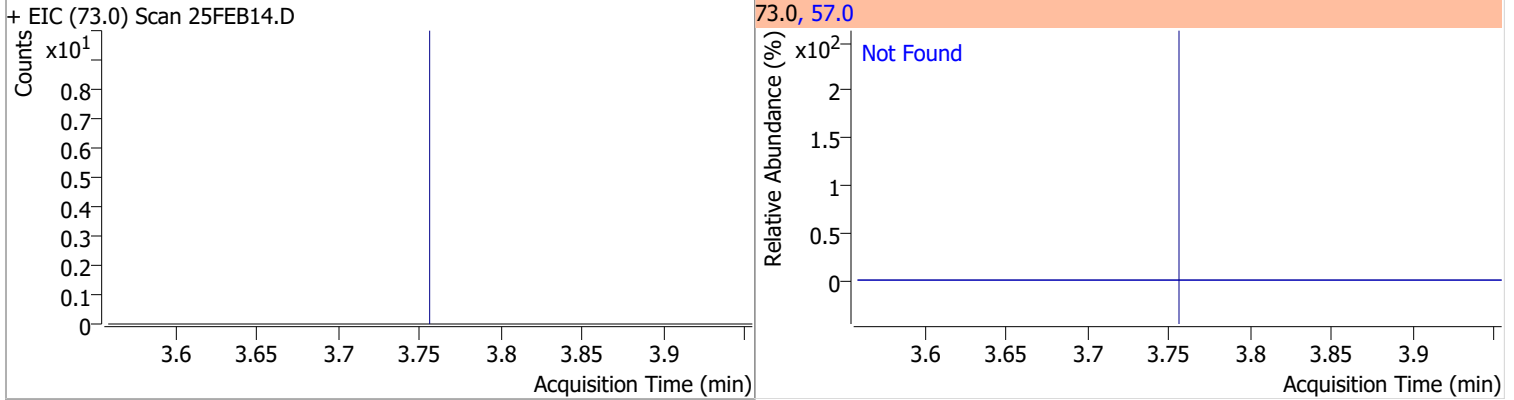


Quantitation Results Report (QT Reviewed)

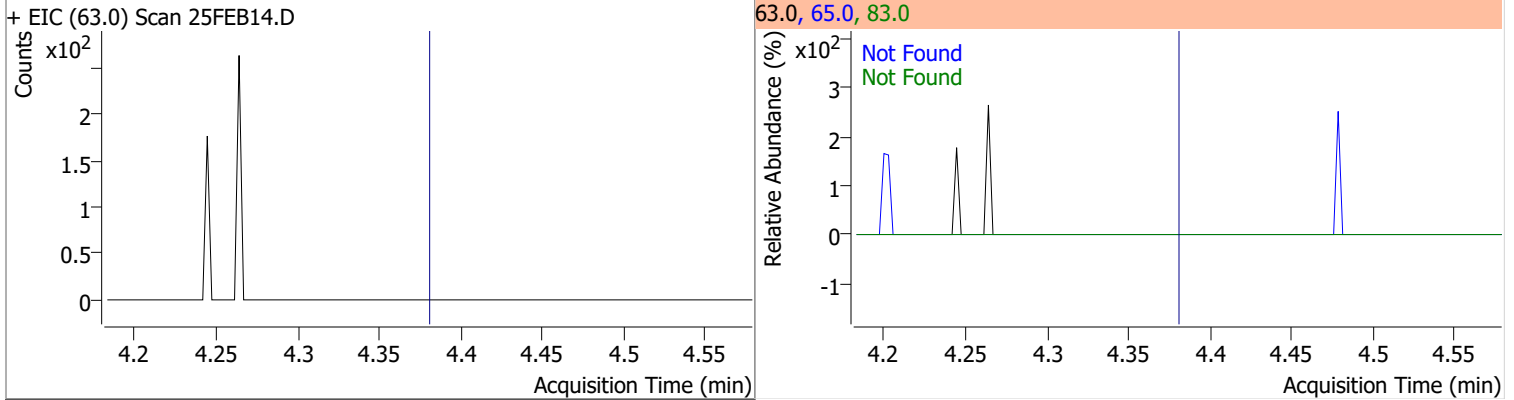
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



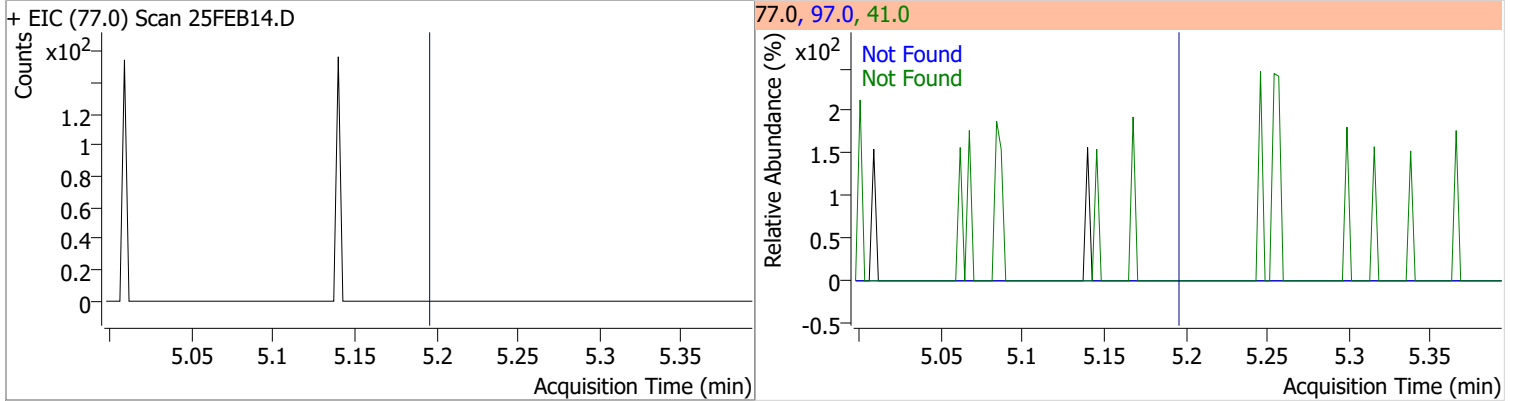
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

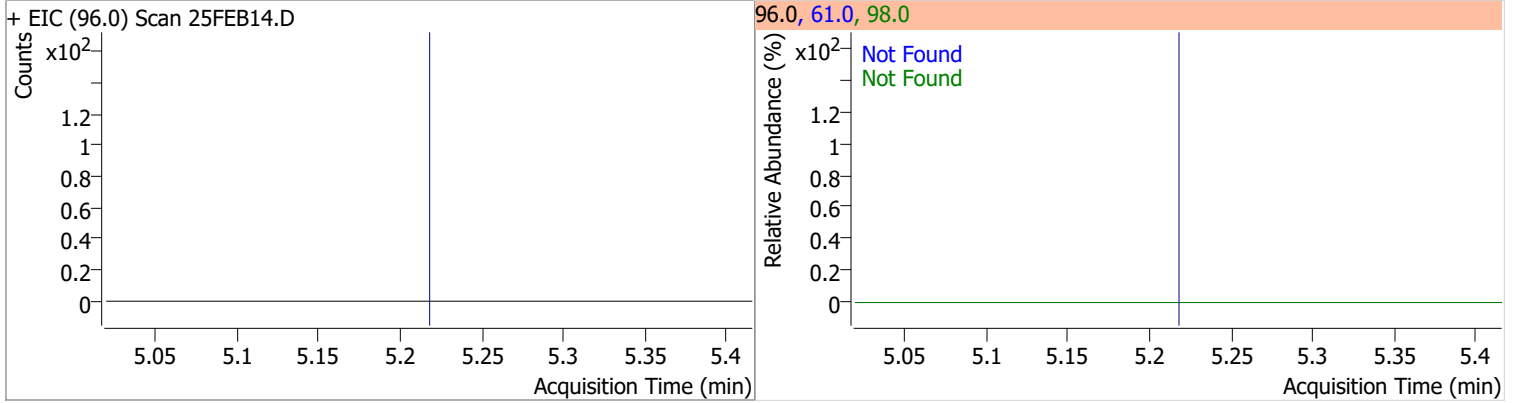


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

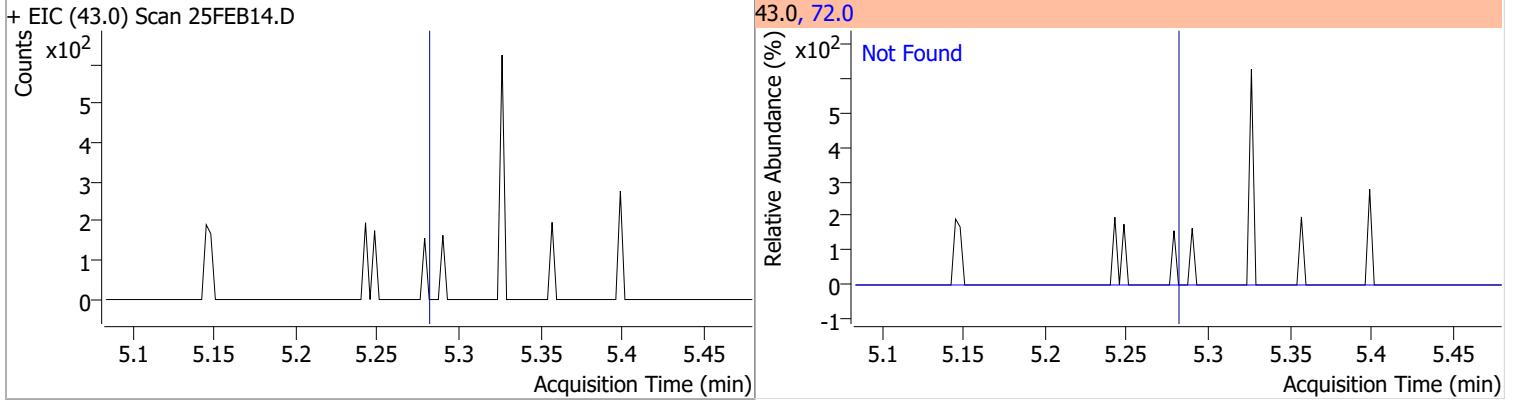


Quantitation Results Report (QT Reviewed)

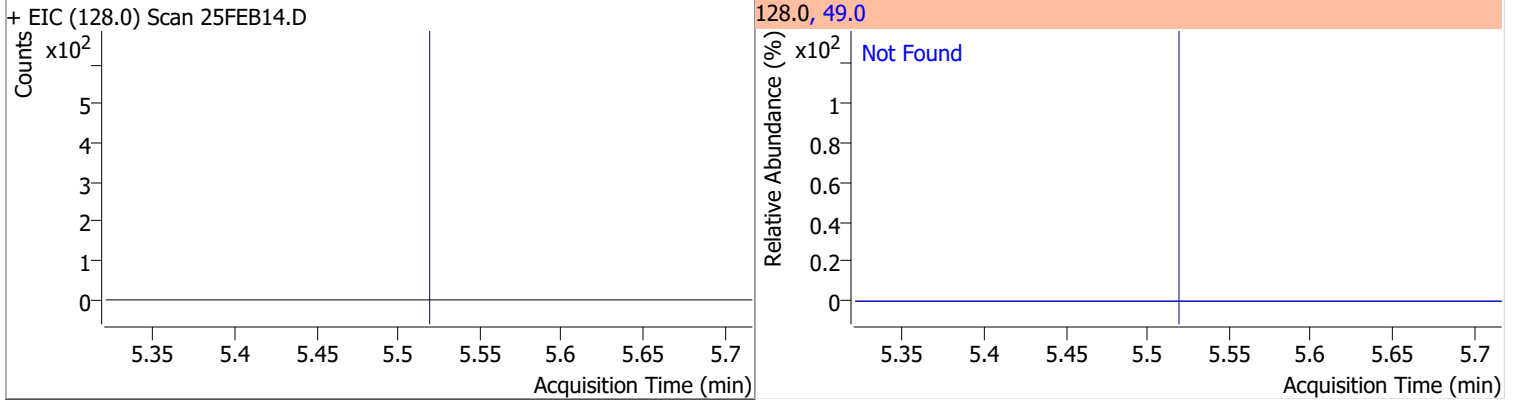
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



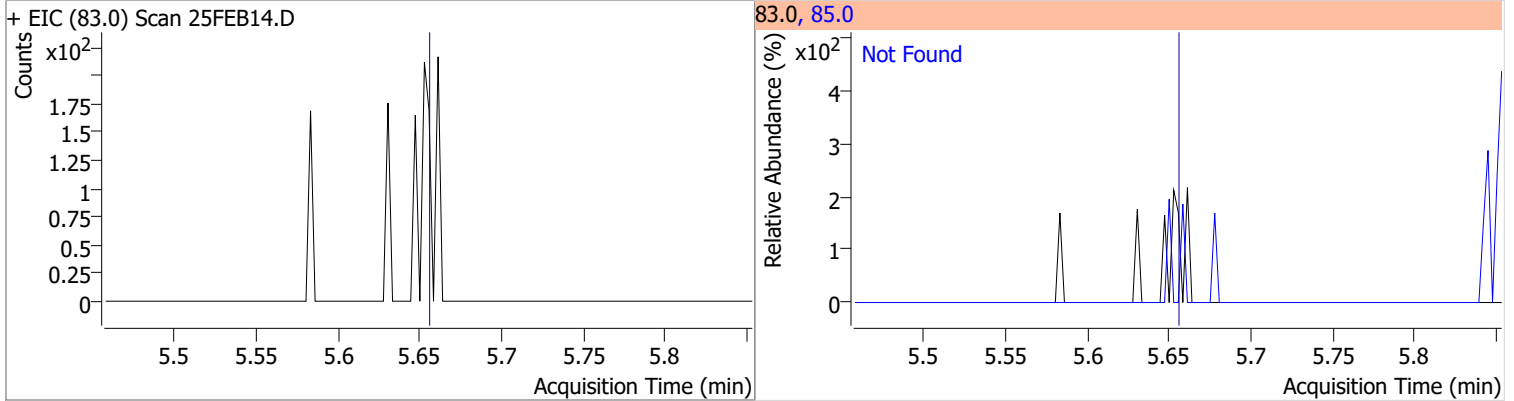
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



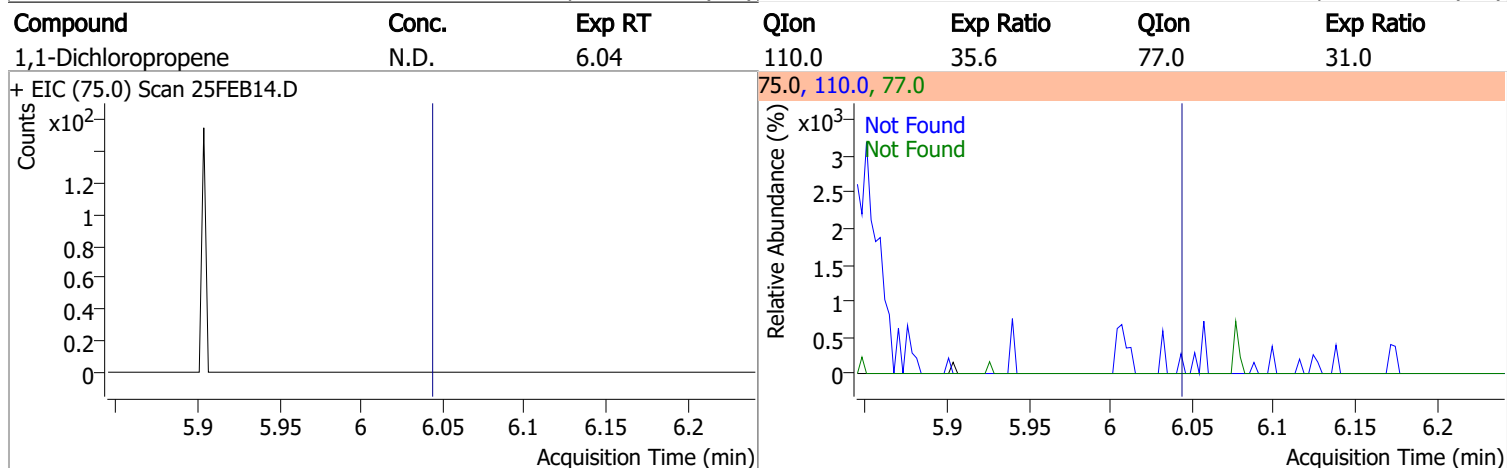
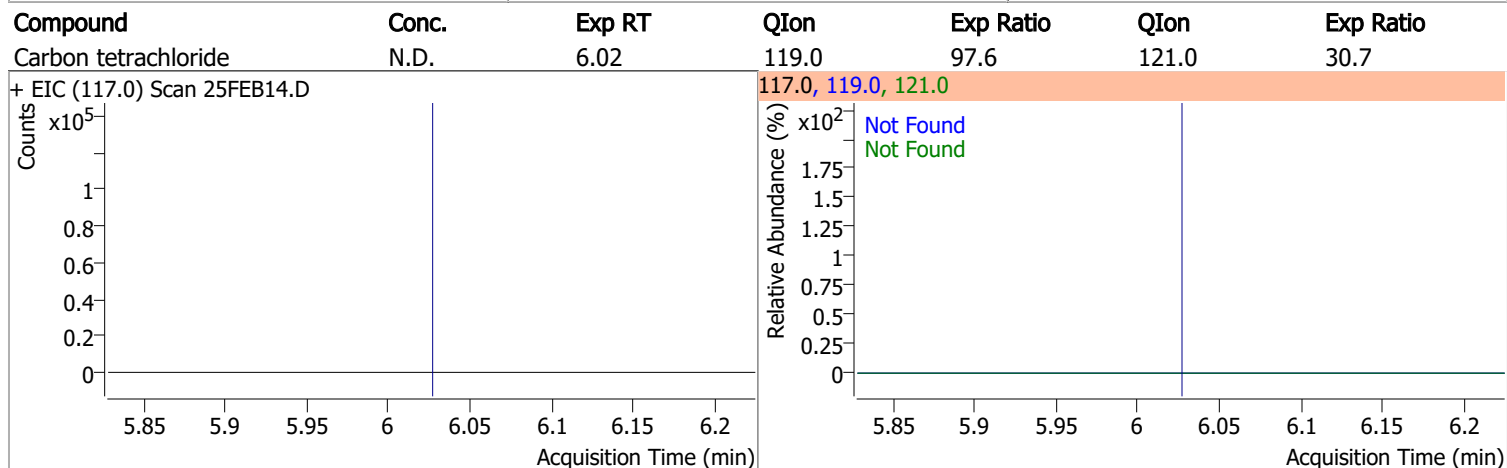
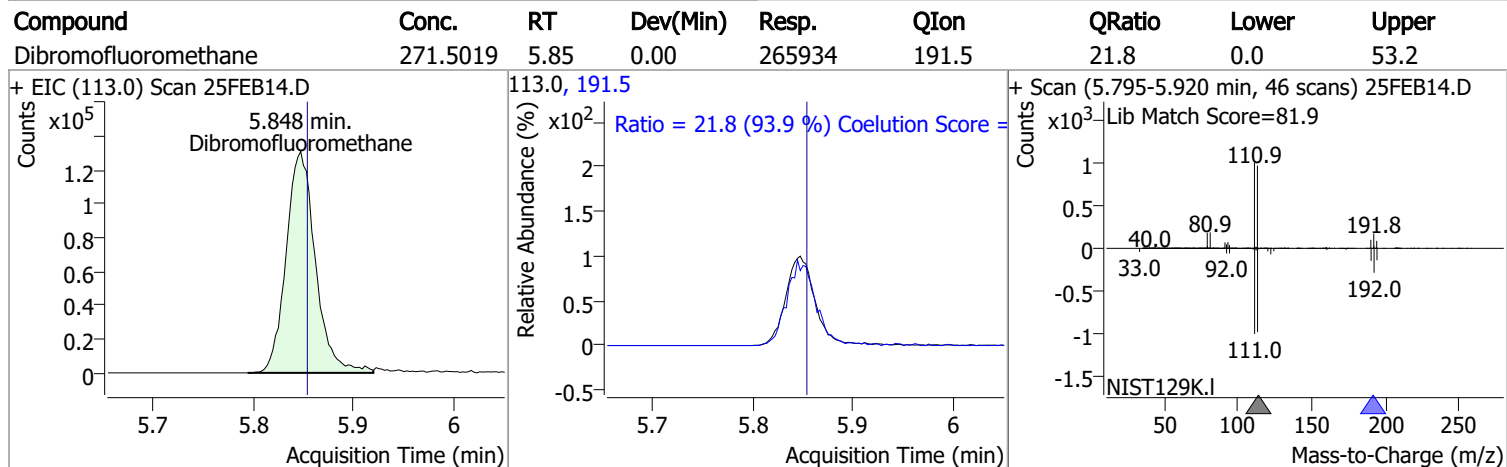
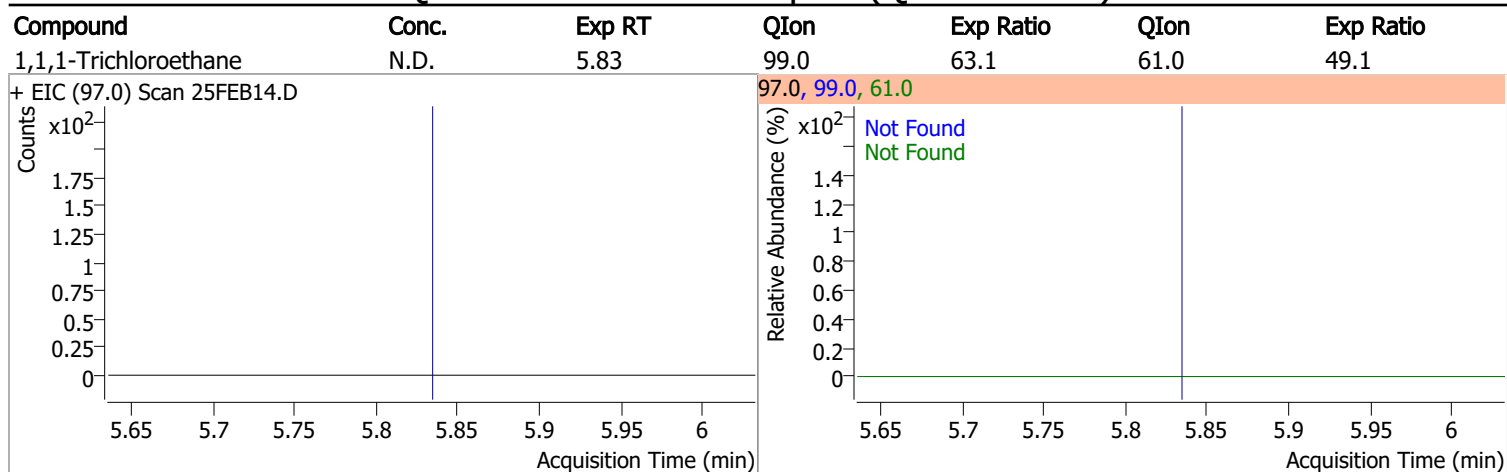
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------|-------|--------|------|-----------|
| Chloroform | N.D. | 5.65 | 85.0 | 66.2 |

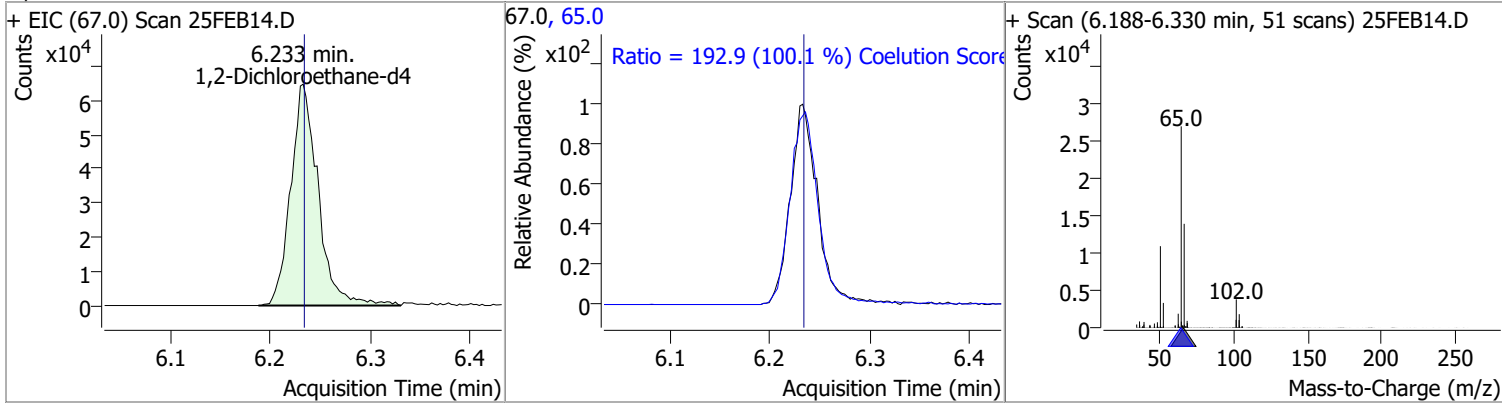


Quantitation Results Report (QT Reviewed)

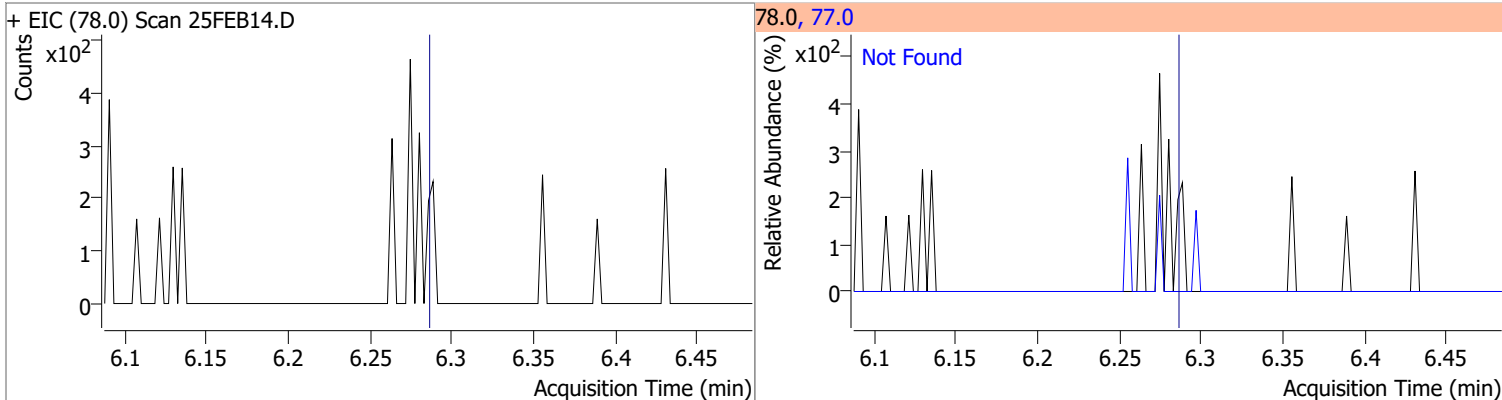


Quantitation Results Report (QT Reviewed)

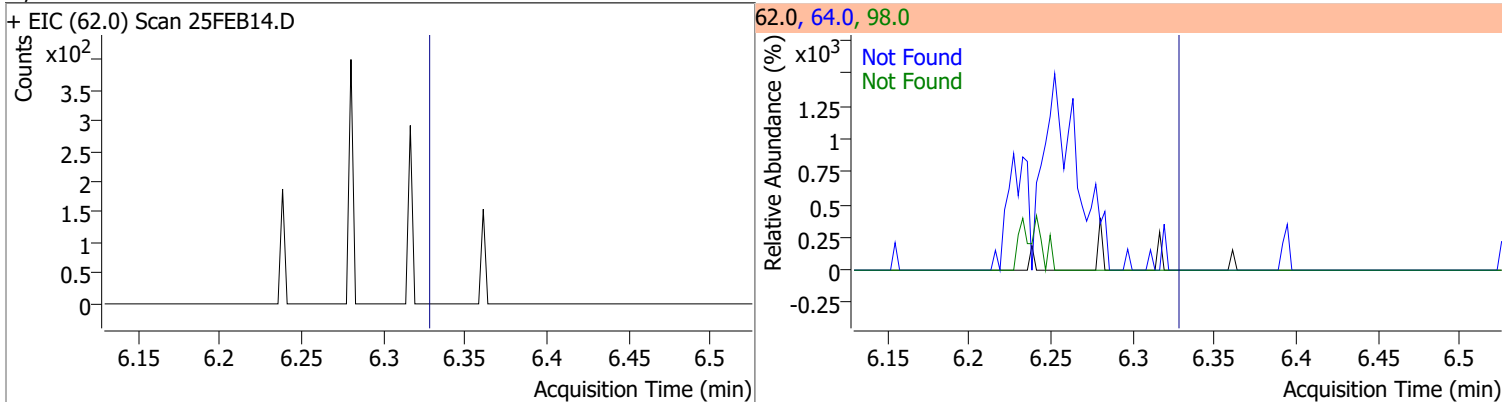
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 291.4811 | 6.23 | 0.00 | 123330 | 65.0 | 192.9 | 162.8 | 222.8 |



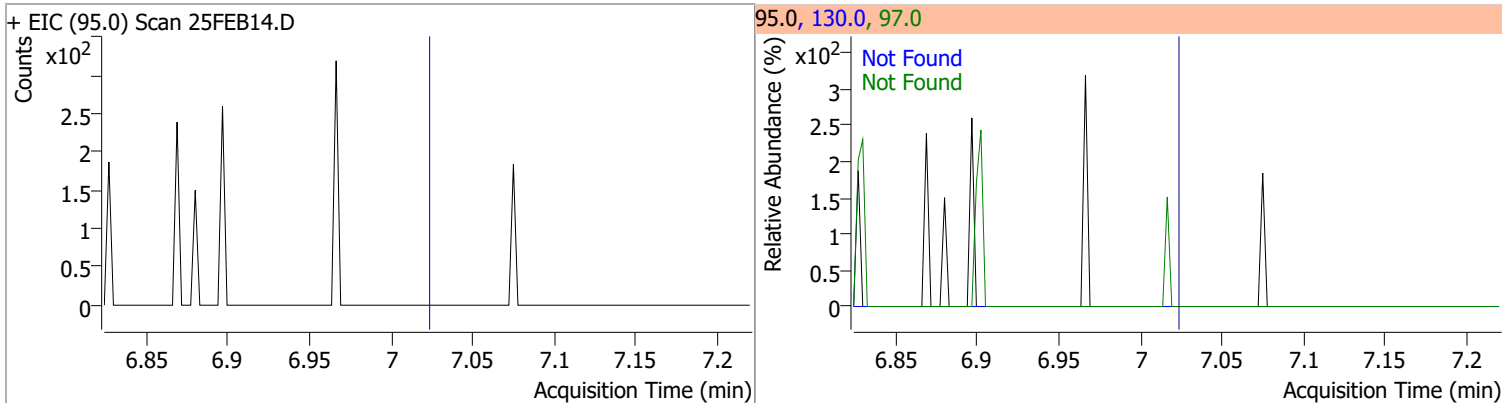
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



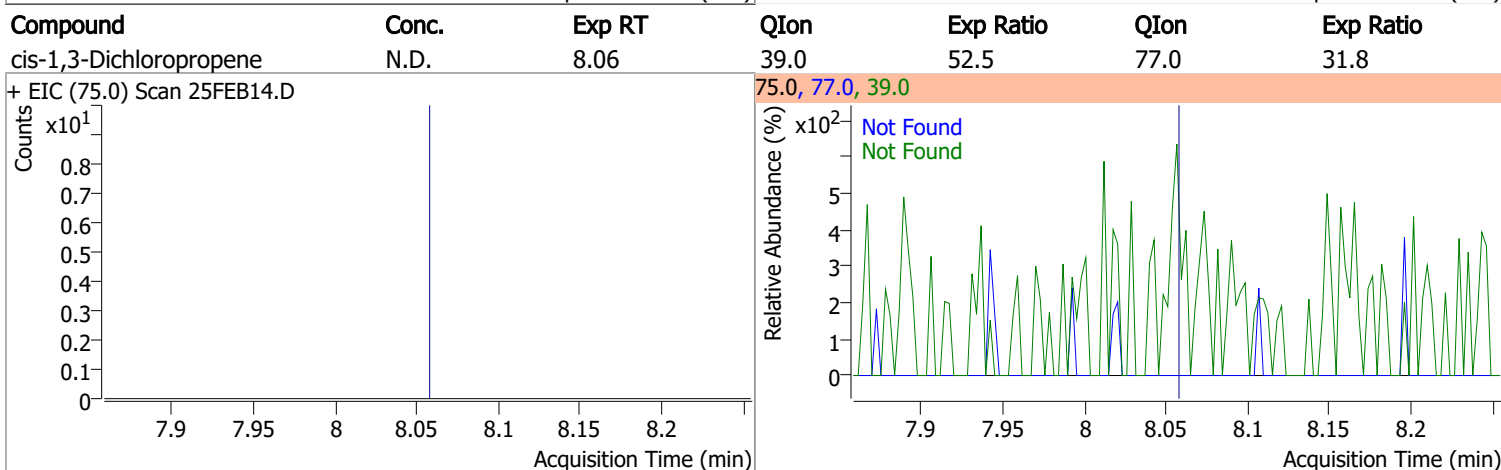
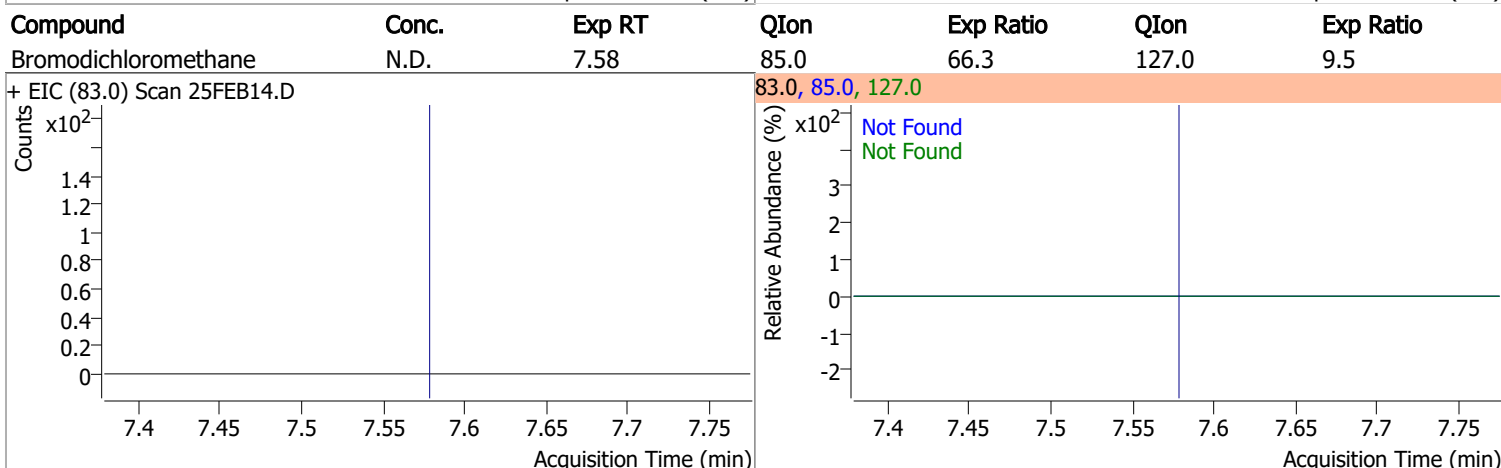
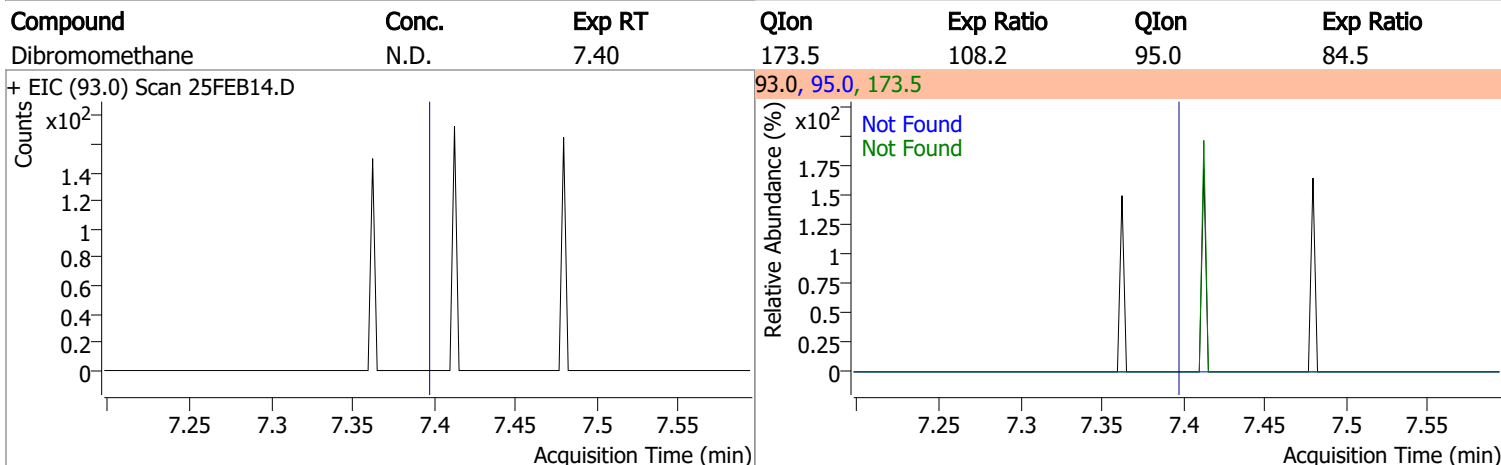
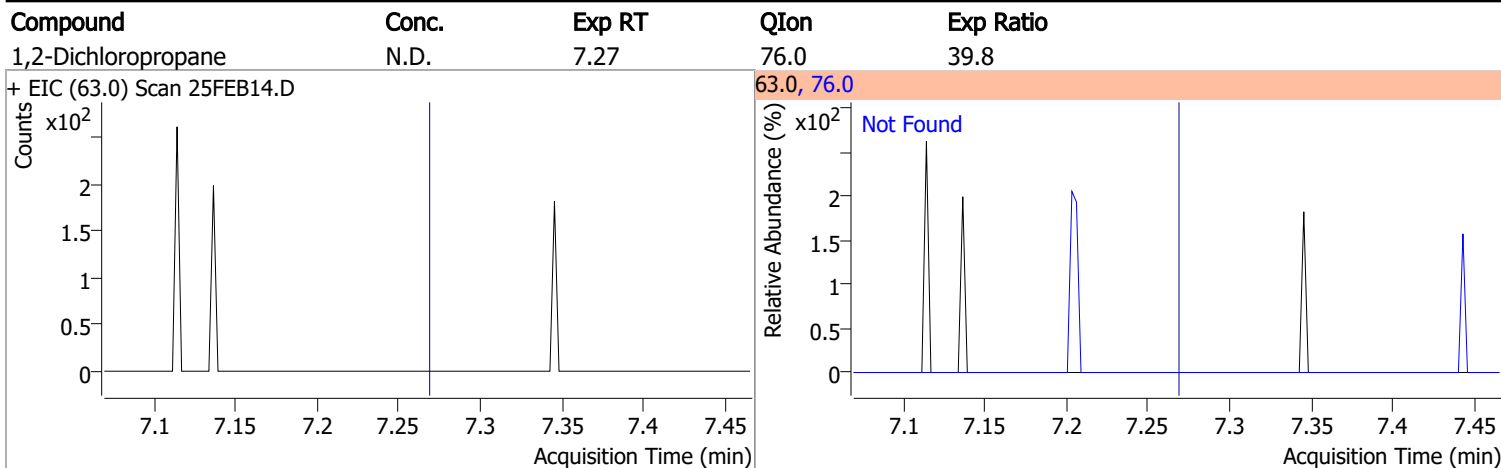
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

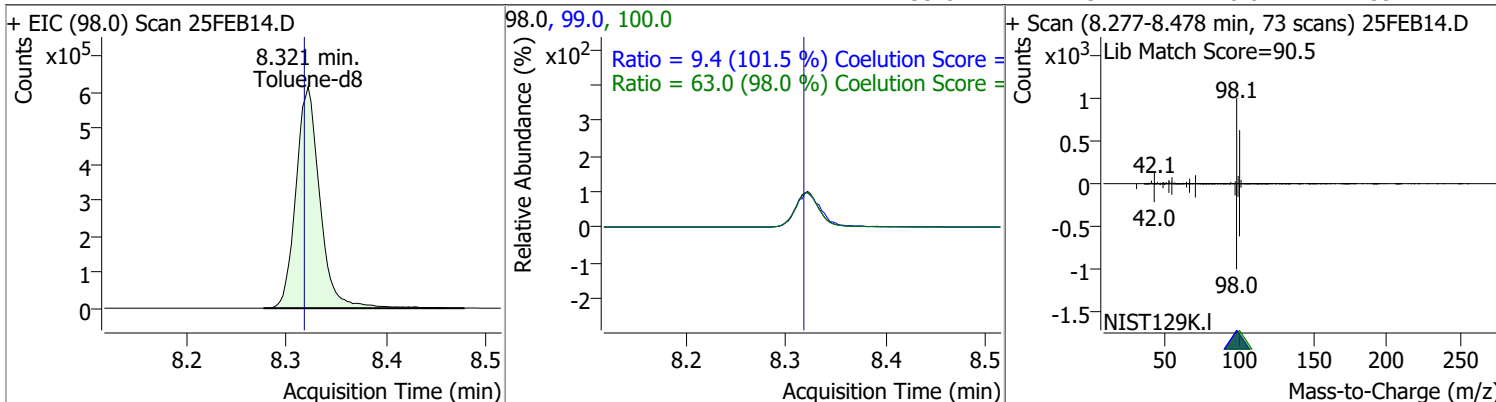


Quantitation Results Report (QT Reviewed)

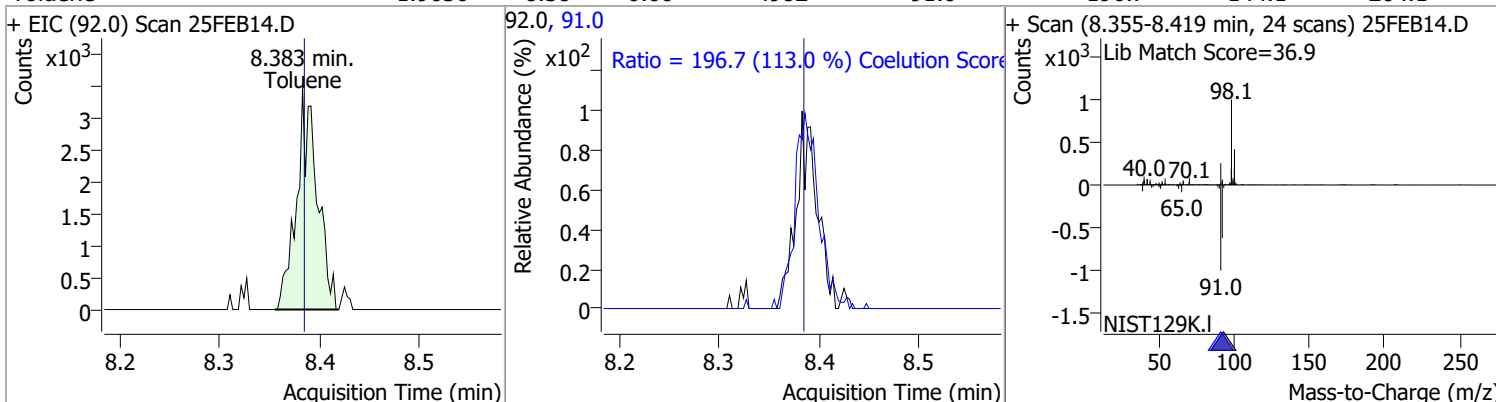


Quantitation Results Report (QT Reviewed)

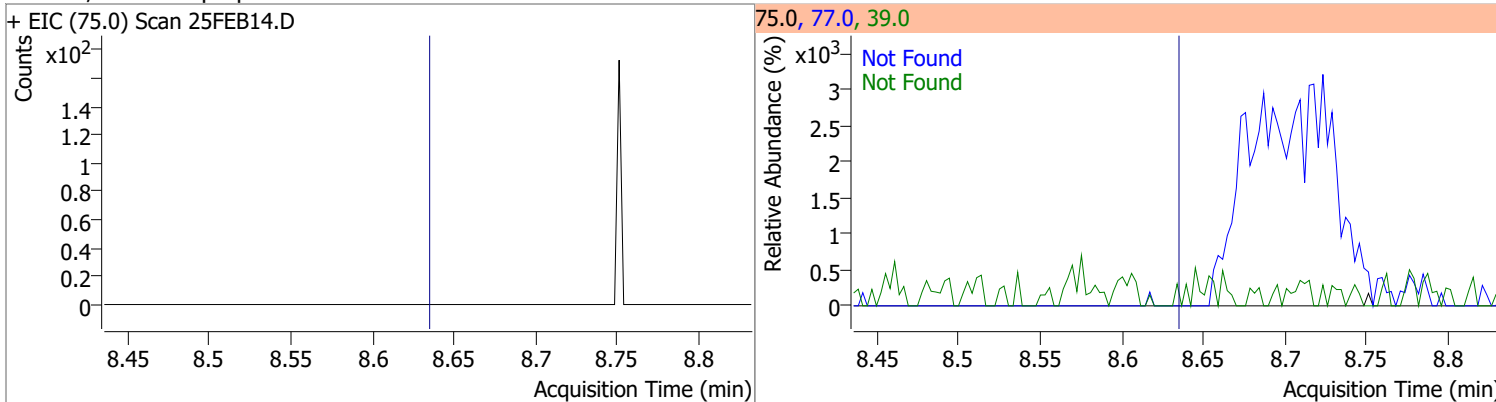
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 268.6325 | 8.32 | 0.00 | 1022527 | 100.0 | 63.0 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |



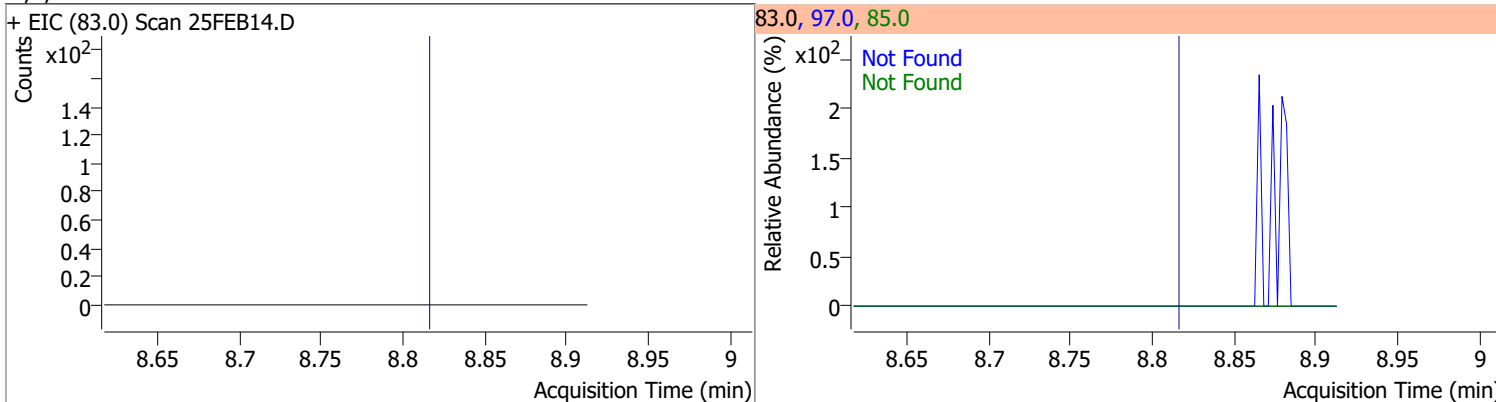
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|-------|------|--------|-------|-------|
| Toluene | 1.9636 | 8.38 | 0.00 | 4982 | 91.0 | 196.7 | 144.1 | 204.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |

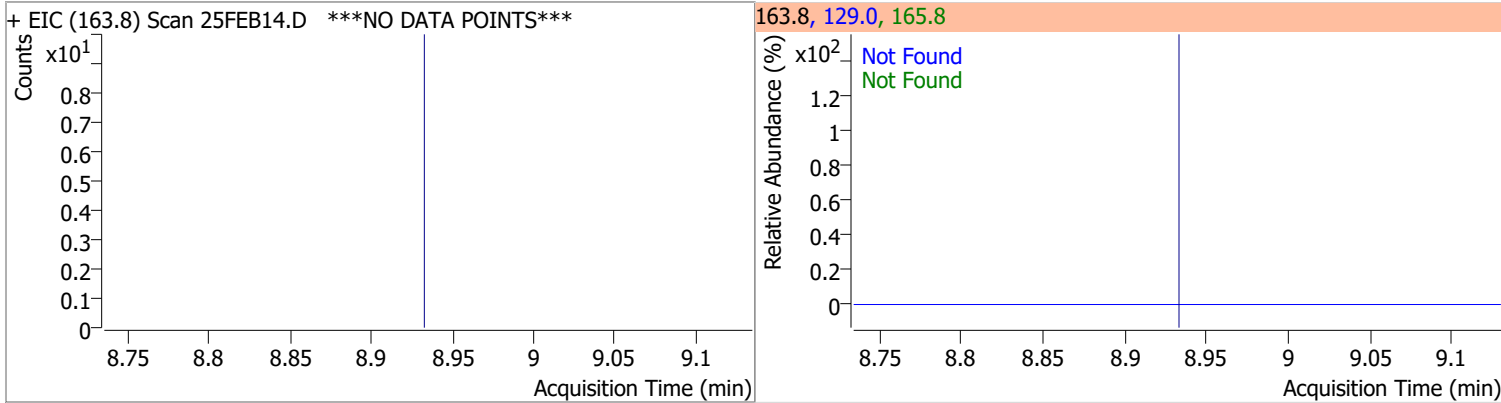


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

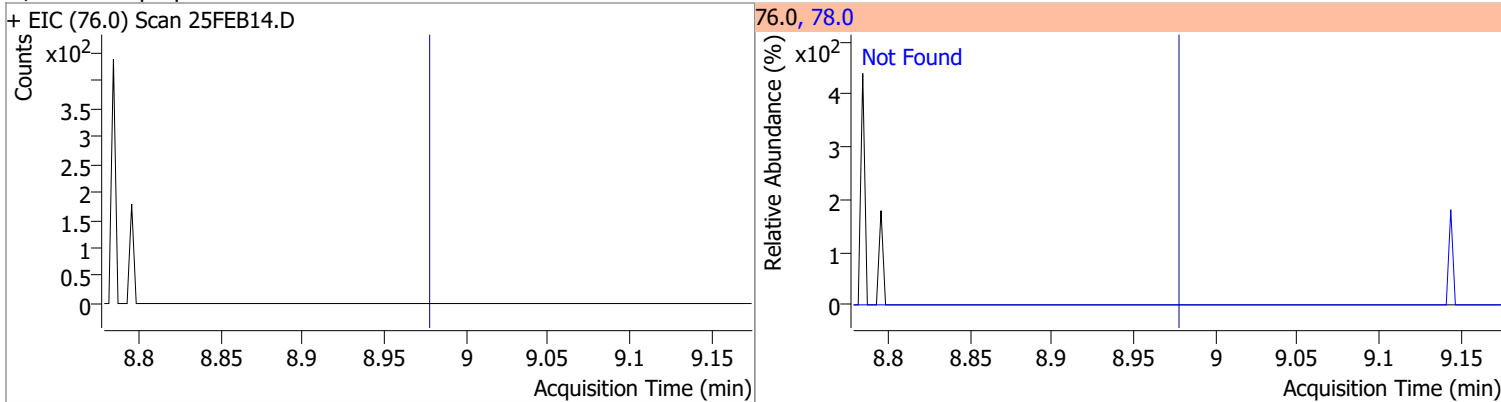


Quantitation Results Report (QT Reviewed)

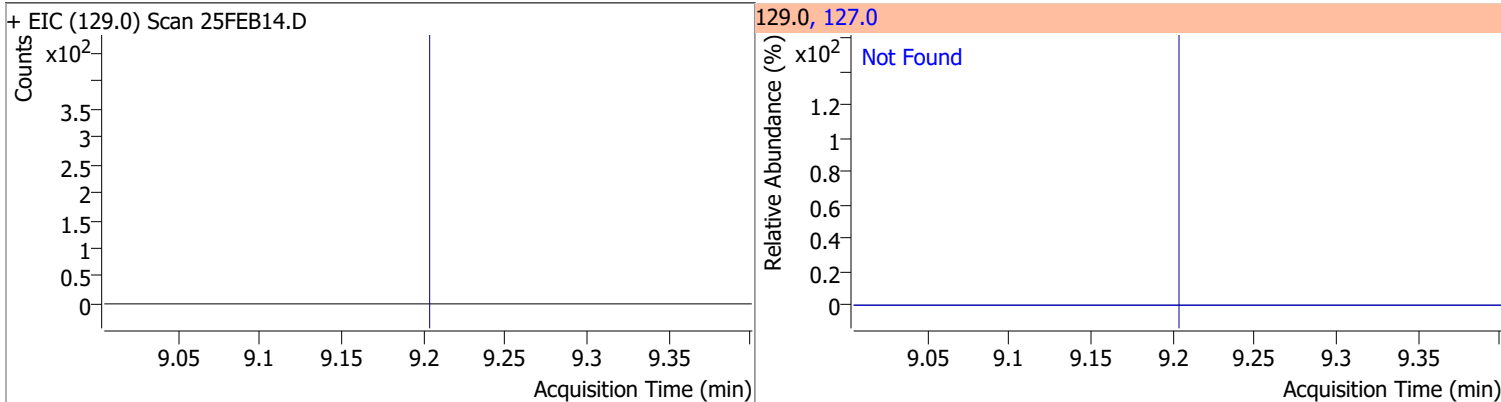
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |



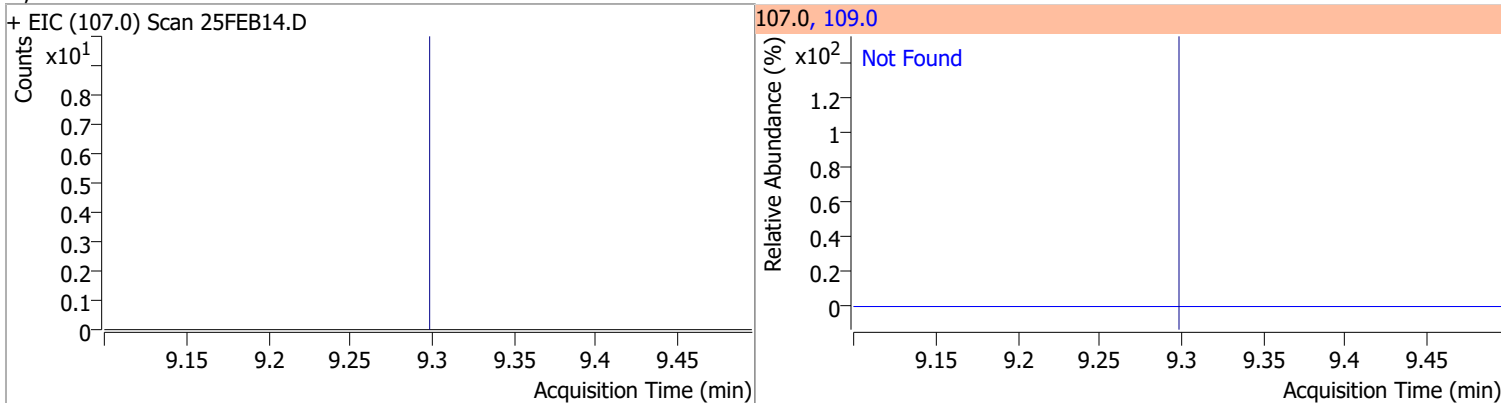
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 |



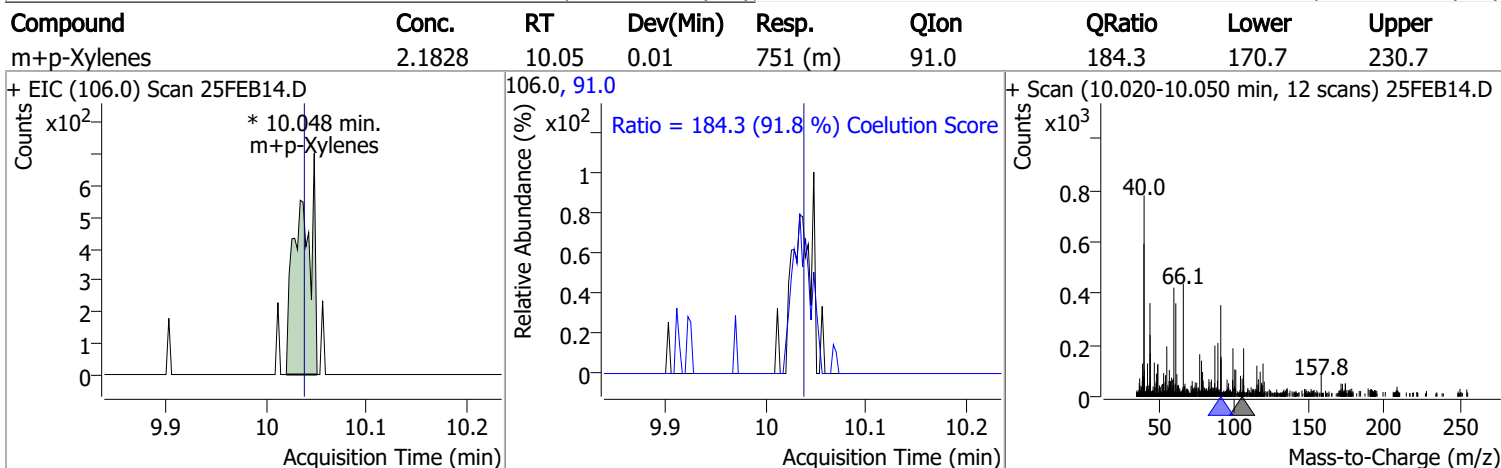
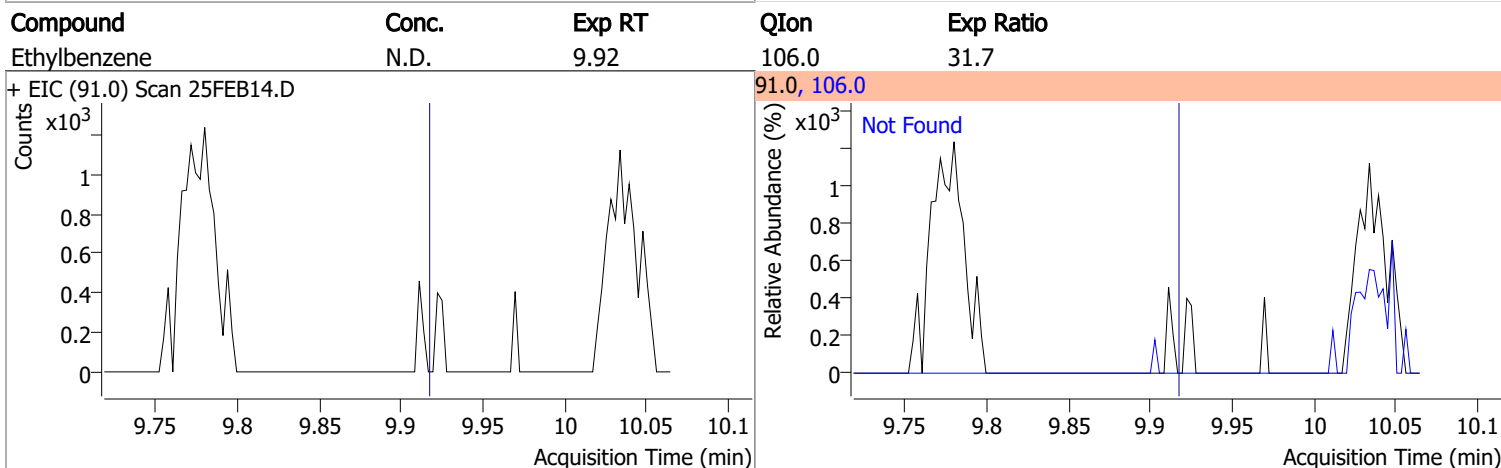
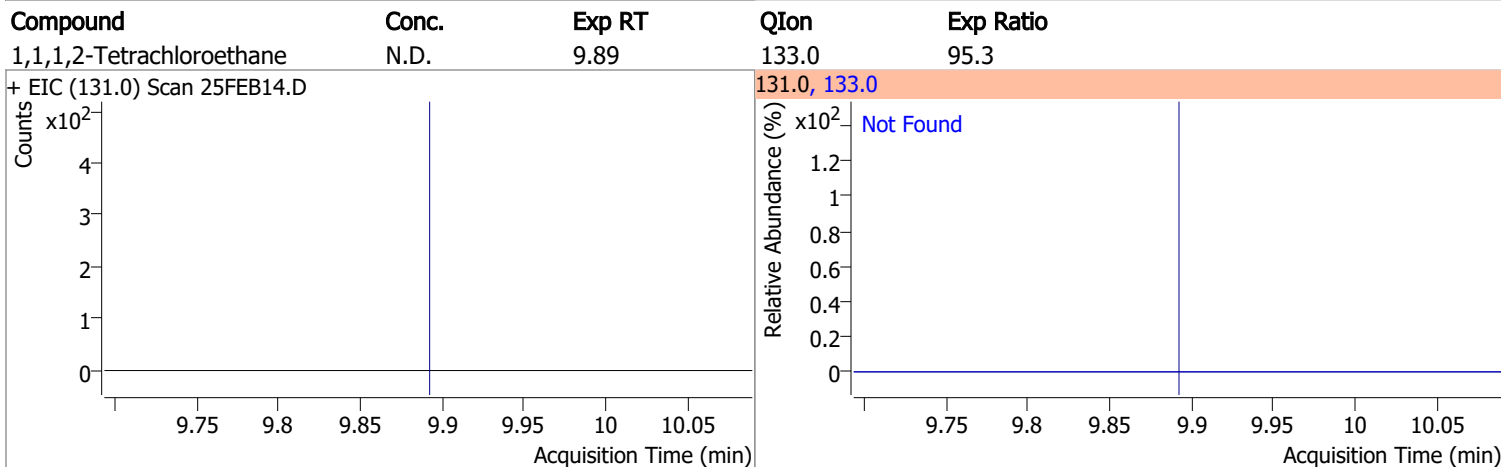
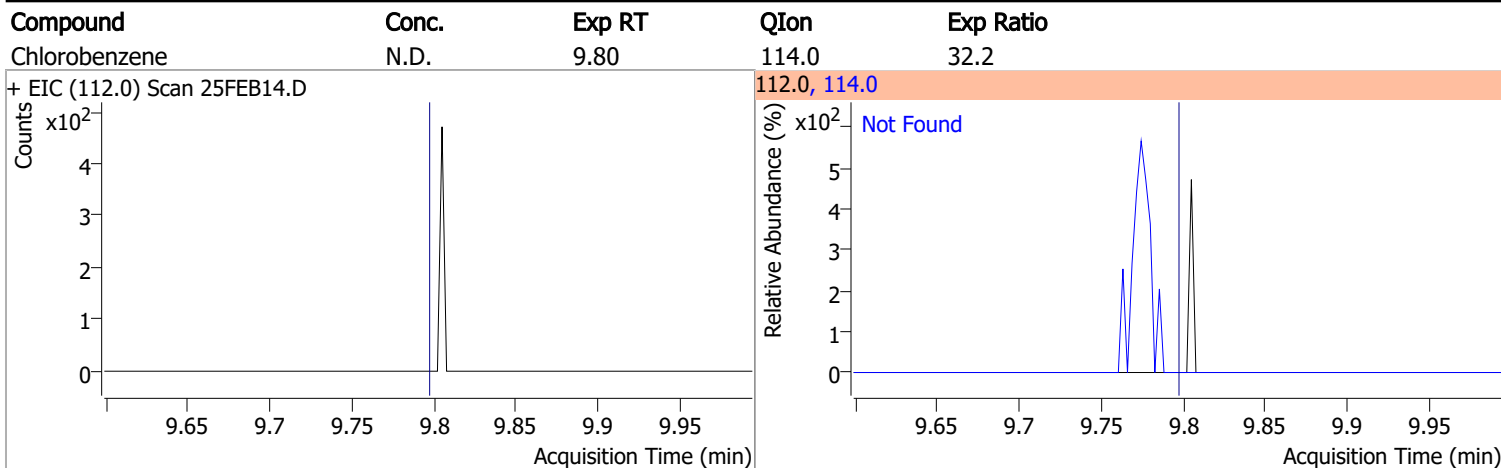
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 |



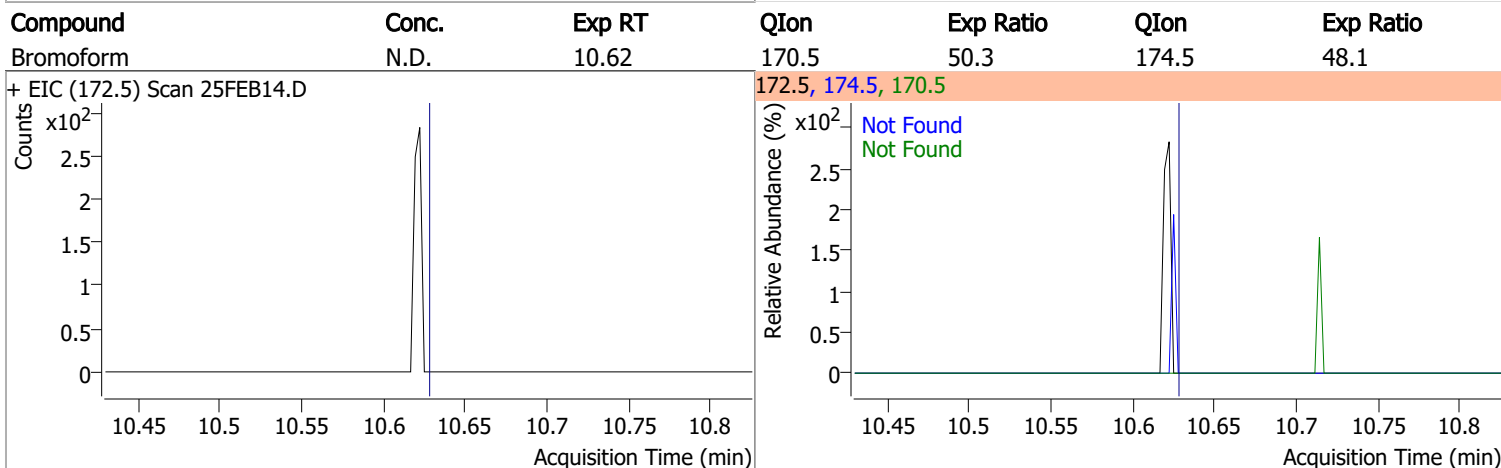
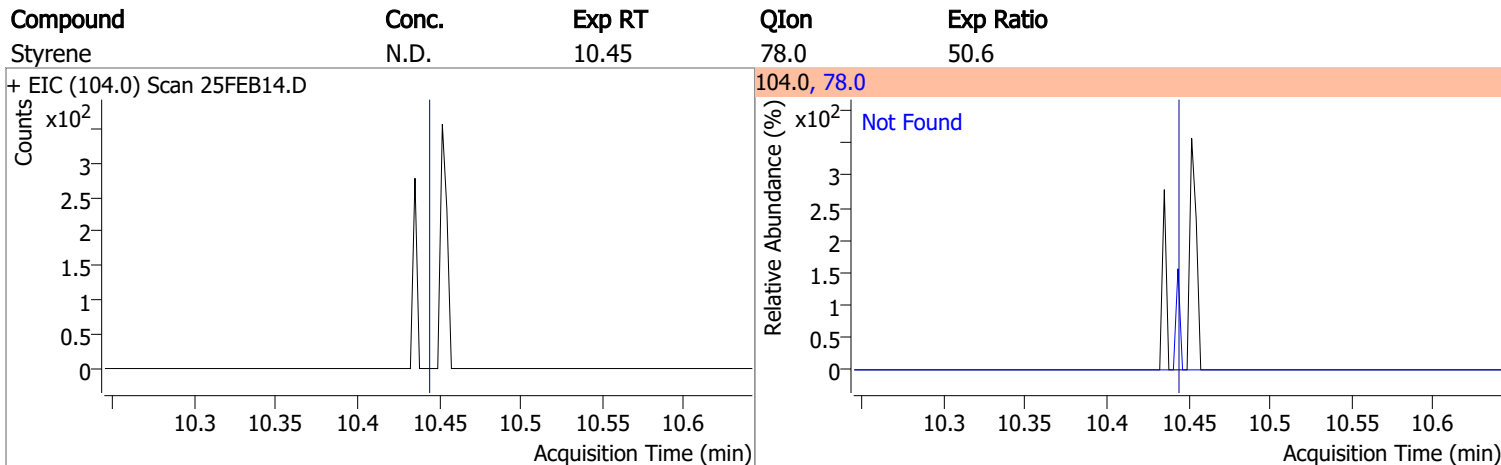
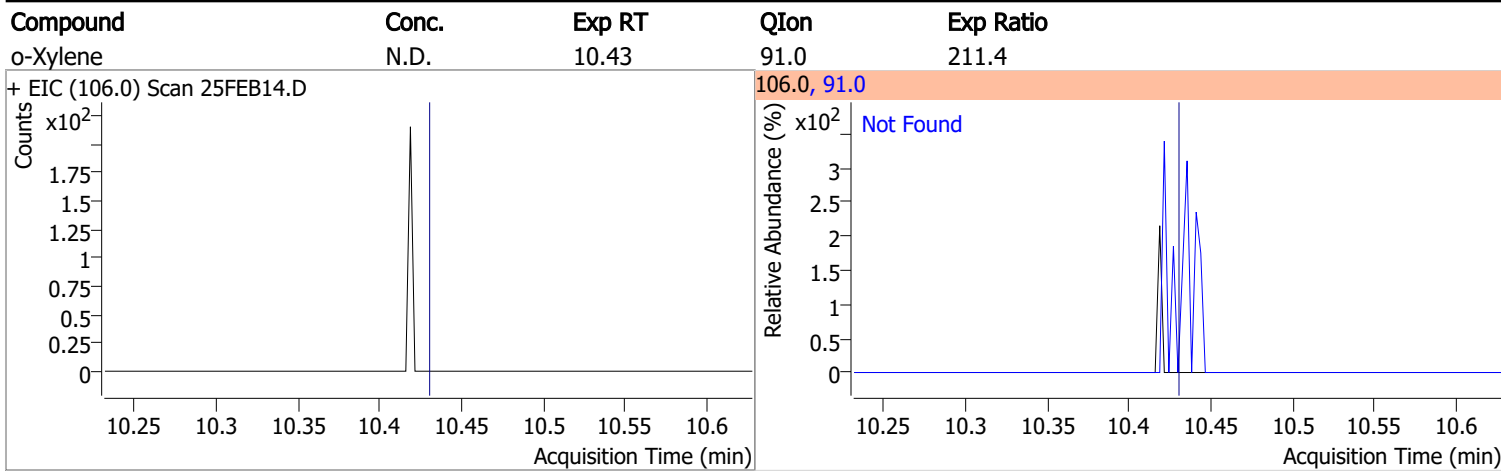
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 |



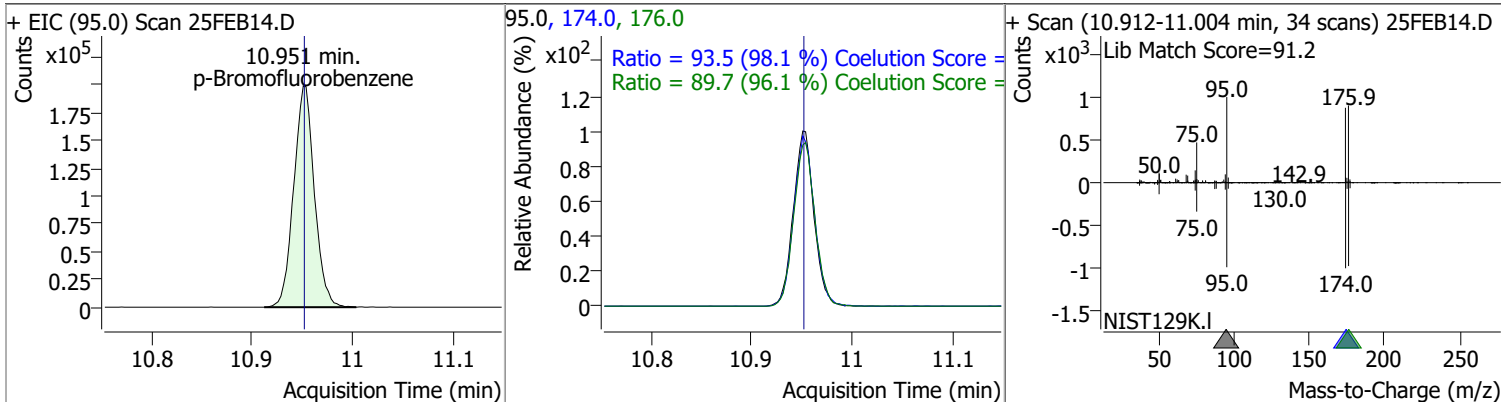
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

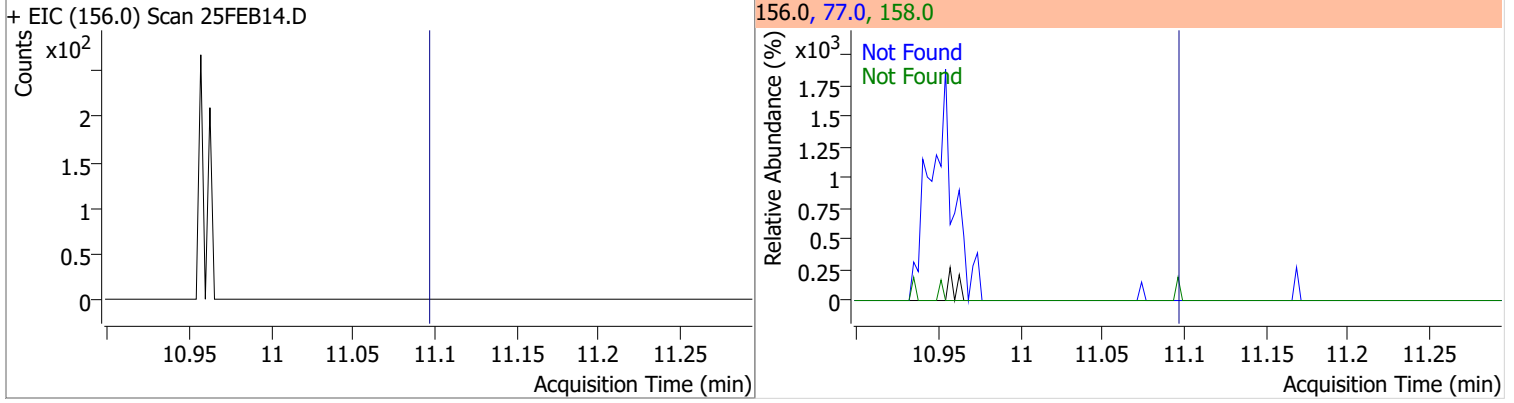


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 270.2271 | 10.95 | 0.00 | 284472 | 174.0 | 93.5 | 65.3 | 125.3 |
| | | | | | 176.0 | 89.7 | 63.3 | 123.3 |

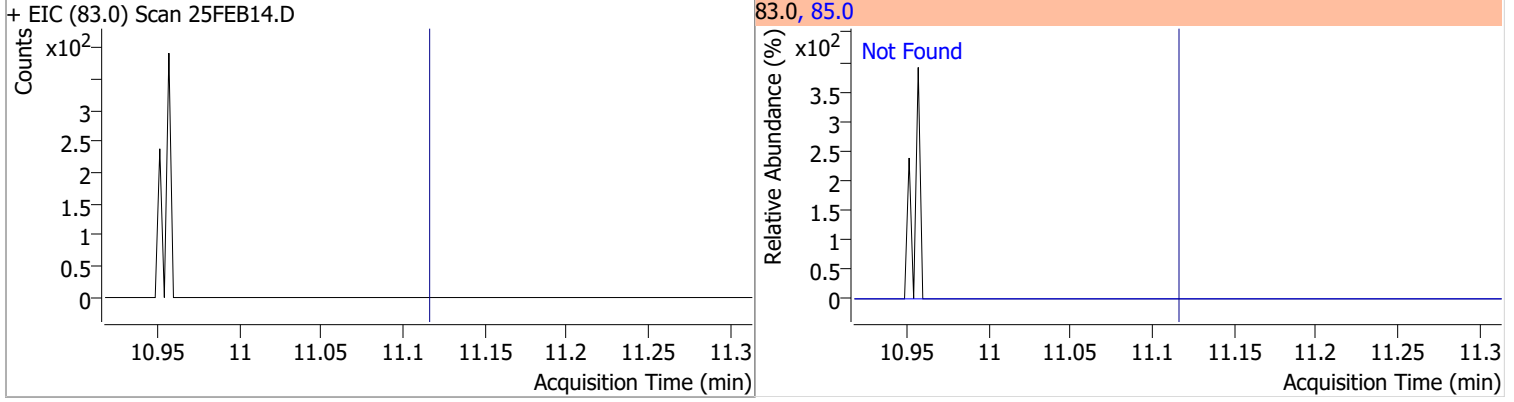


Quantitation Results Report (QT Reviewed)

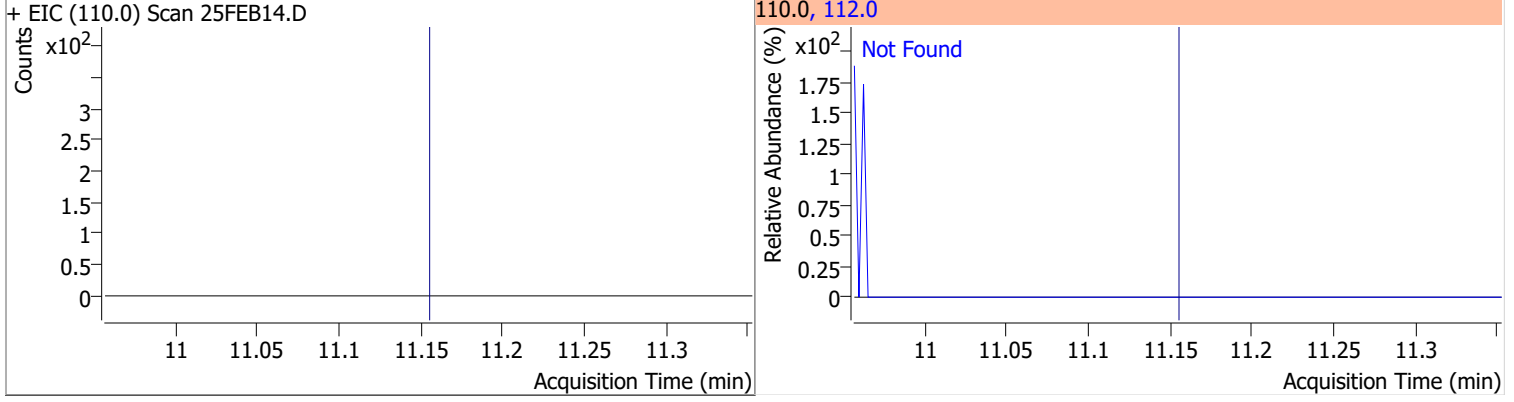
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |



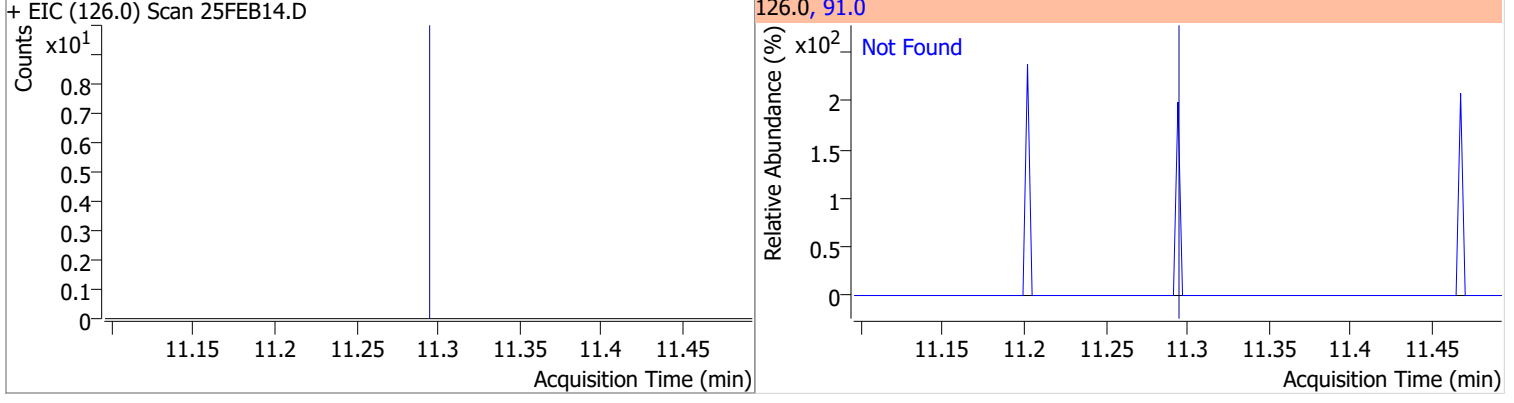
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 |



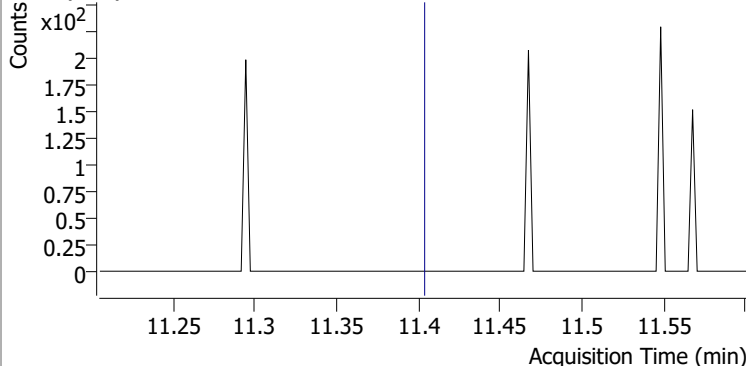
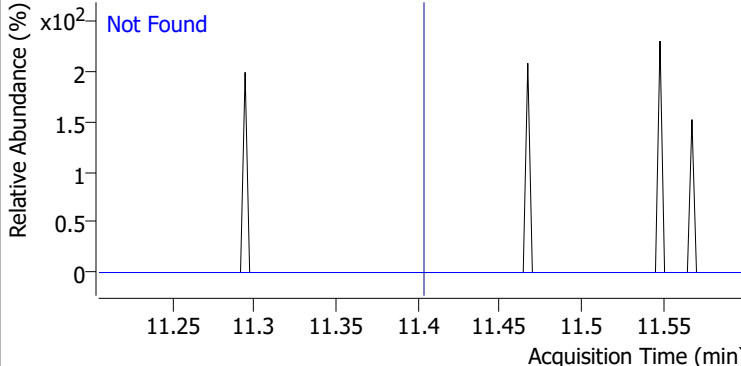
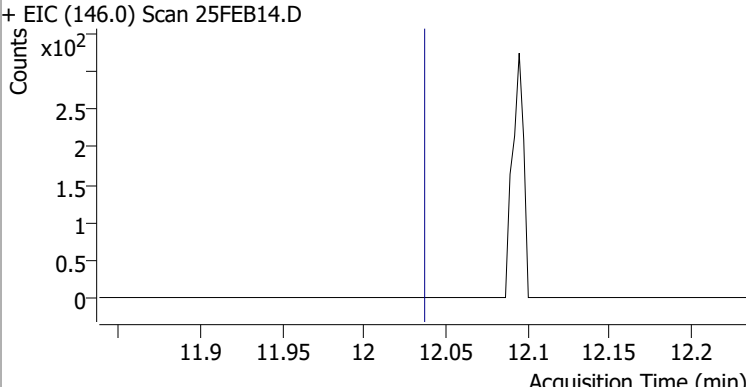
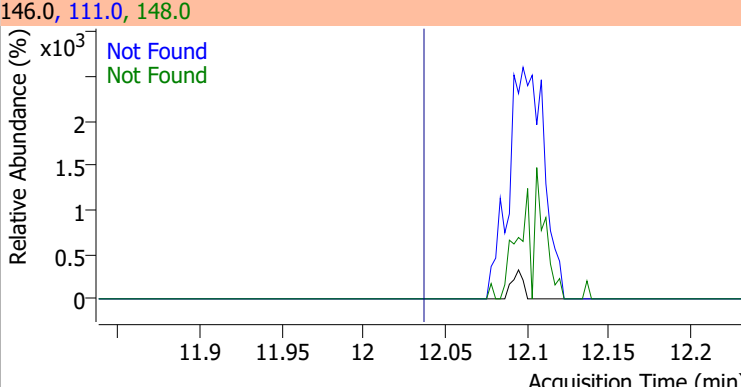
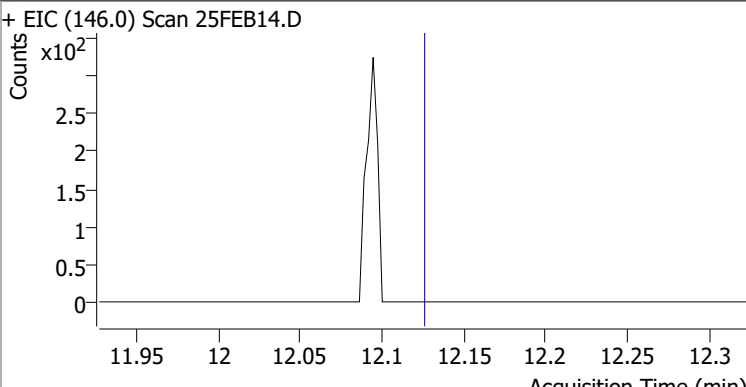
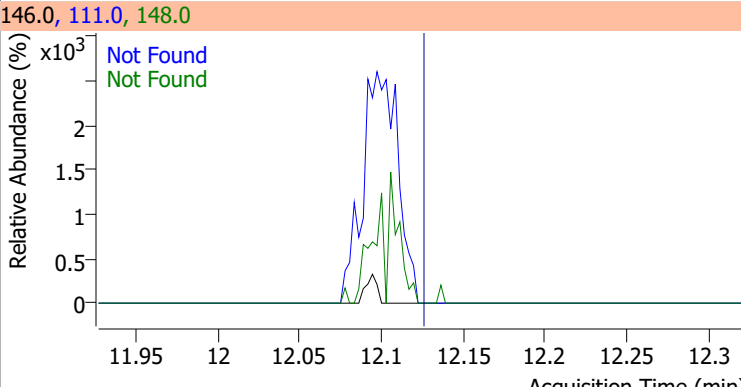
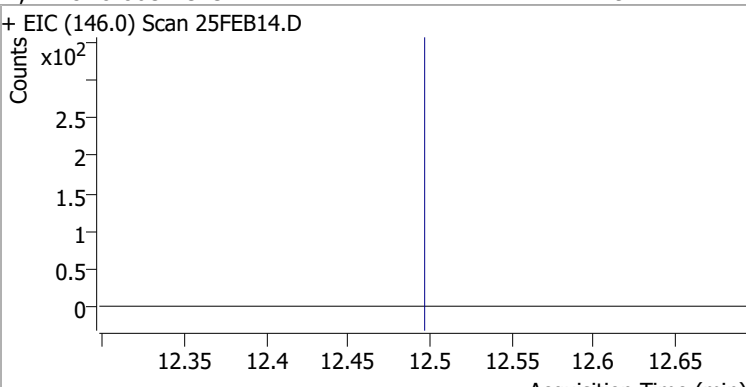
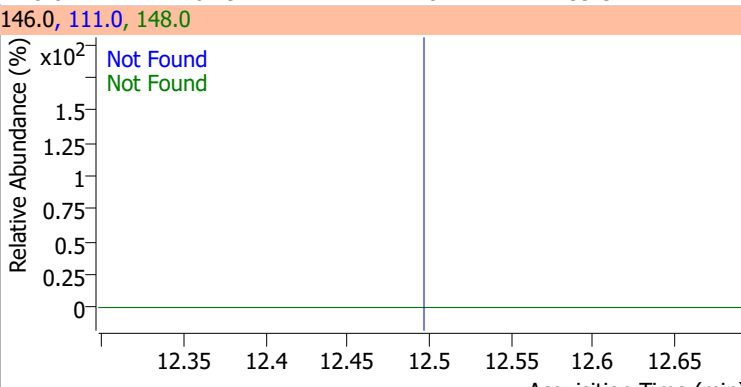
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-----------------|-------|--------|------|-----------|
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 |

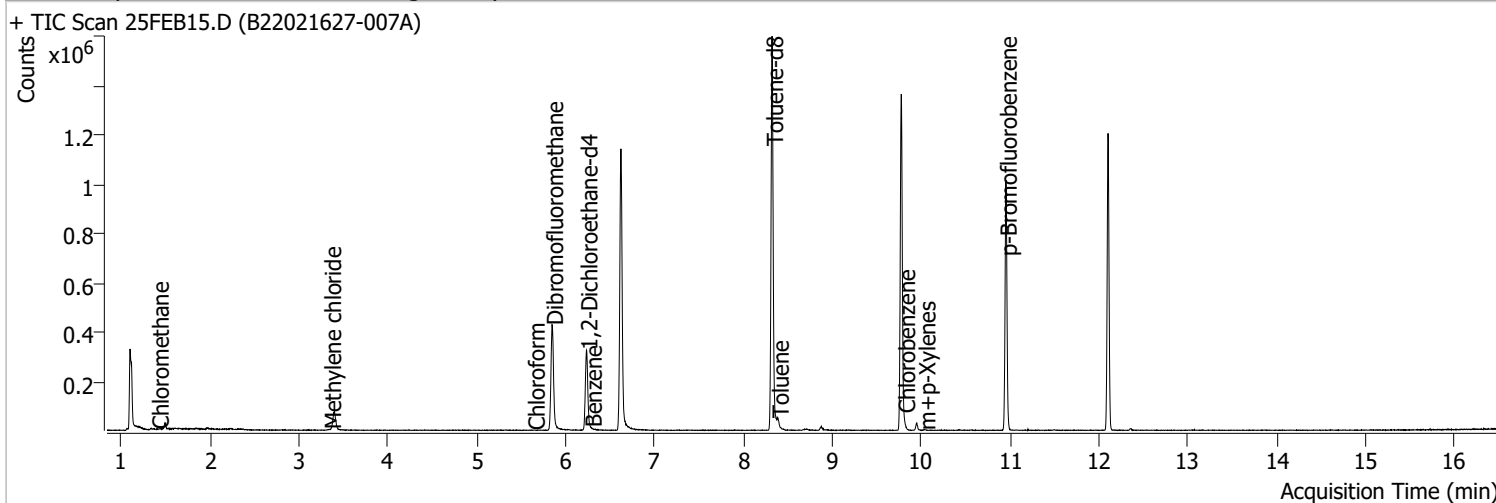


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|--|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 |
| + EIC (91.0) Scan 25FEB14.D | | | 91.0, 126.0 | |
|  | | |  | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 |
| + EIC (146.0) Scan 25FEB14.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 |
| + EIC (146.0) Scan 25FEB14.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 |
| + EIC (146.0) Scan 25FEB14.D | | | 146.0, 111.0, 148.0 | |
|  | | |  | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB15.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 4:42:00 PM |
| Sample Name | B22021627-007A | Instrument | VOA5975C |
| Vial | 15 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



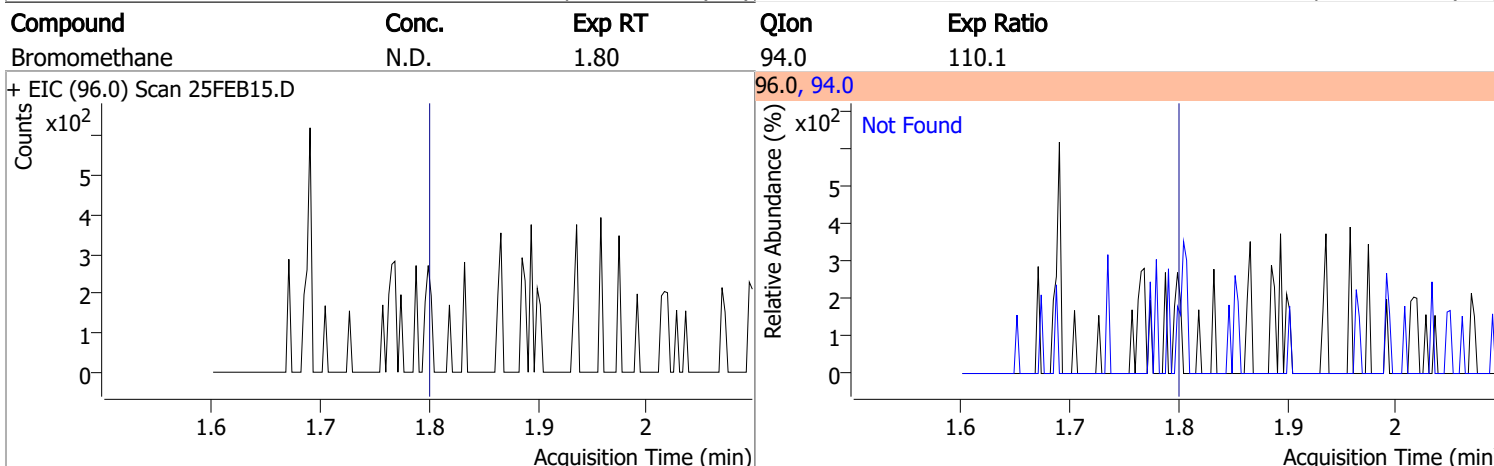
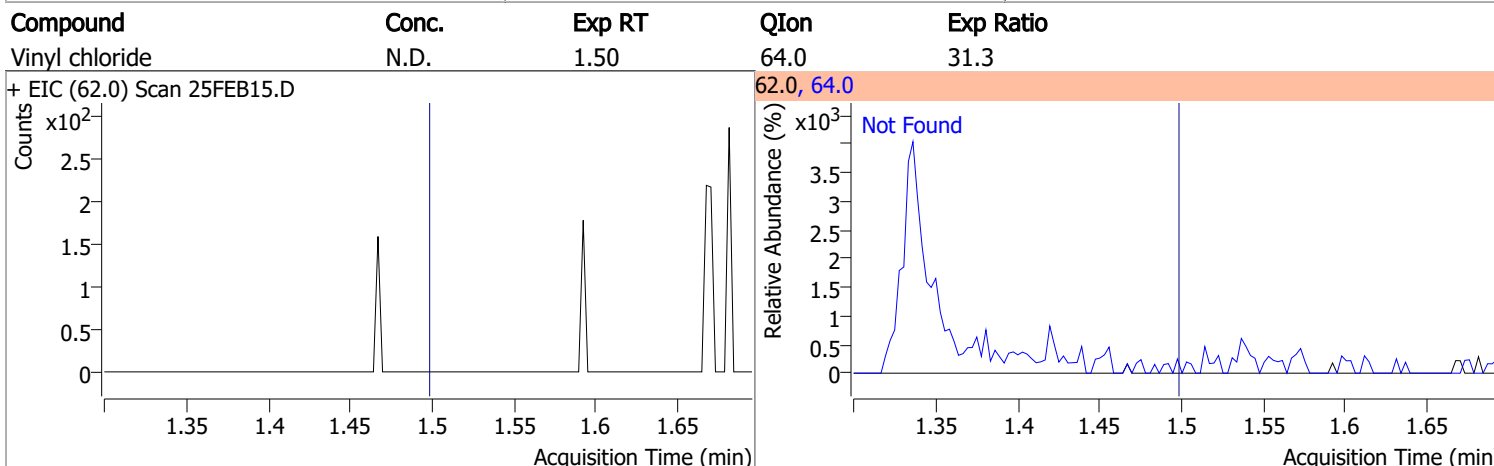
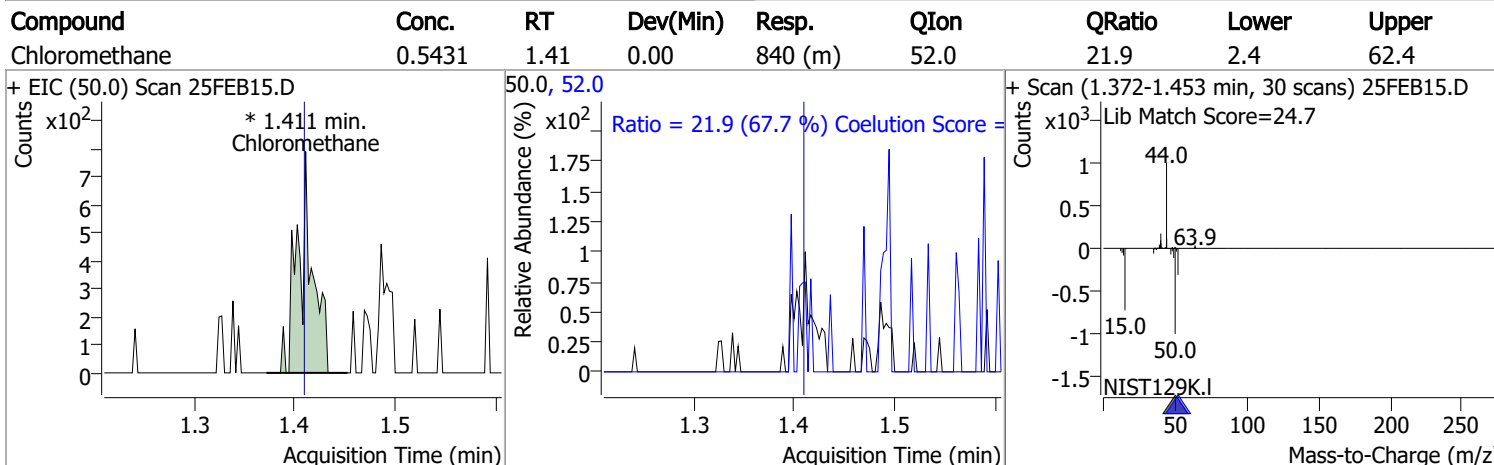
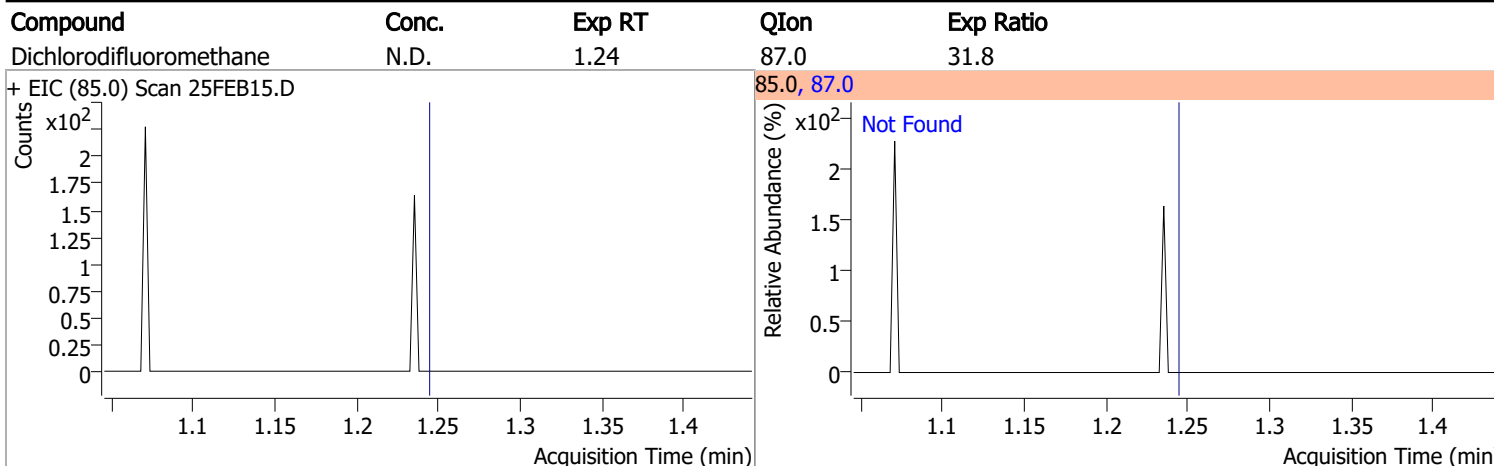
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 976572 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 387600 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 280653 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 264913 | 280.0674 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 112.03% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 119471 | 292.3913 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 116.96% | | |
| S Toluene-d8 | 8.321 | 98.0 | 1002272 | 265.0524 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 106.02% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 283542 | 273.6268 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 109.45% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 1.411 | 50.0 | 840 | 0.5431 | ng | m 81 |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.349 | 49.0 | 1906 | 1.3355 | ng | m 89 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.641 | 83.0 | 321 | 0.1694 | ng | m 73 |

Quantitation Results Report (QT Reviewed)

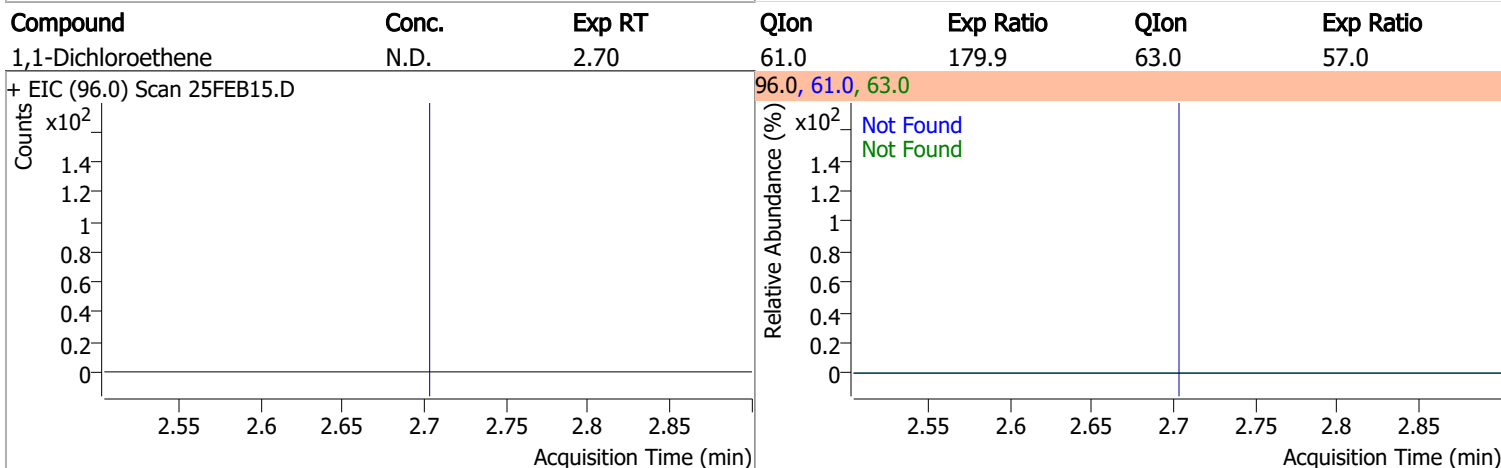
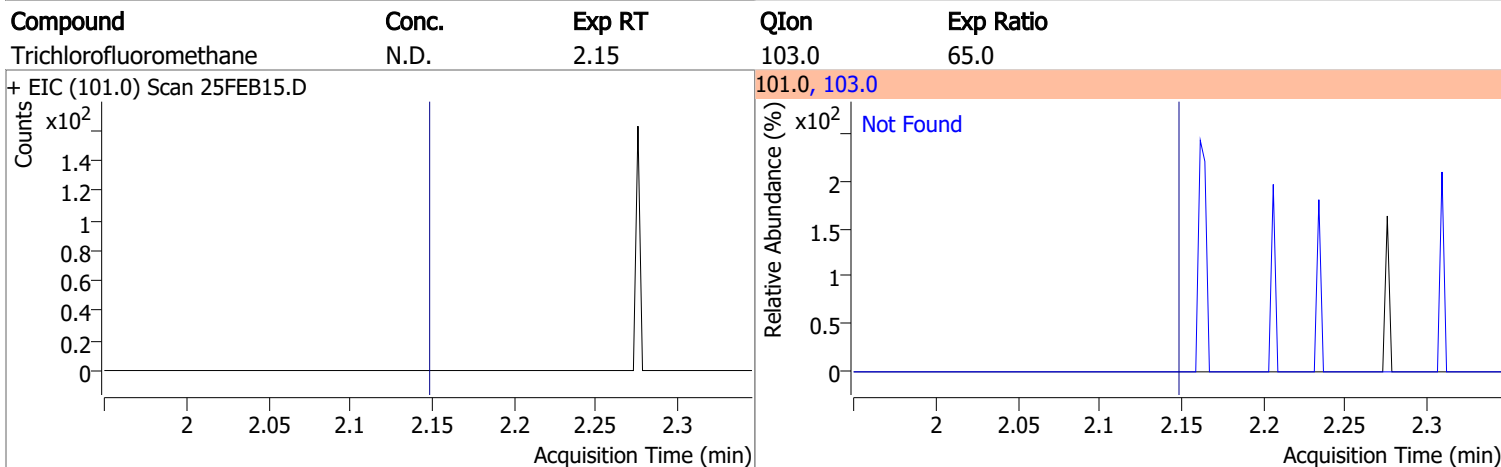
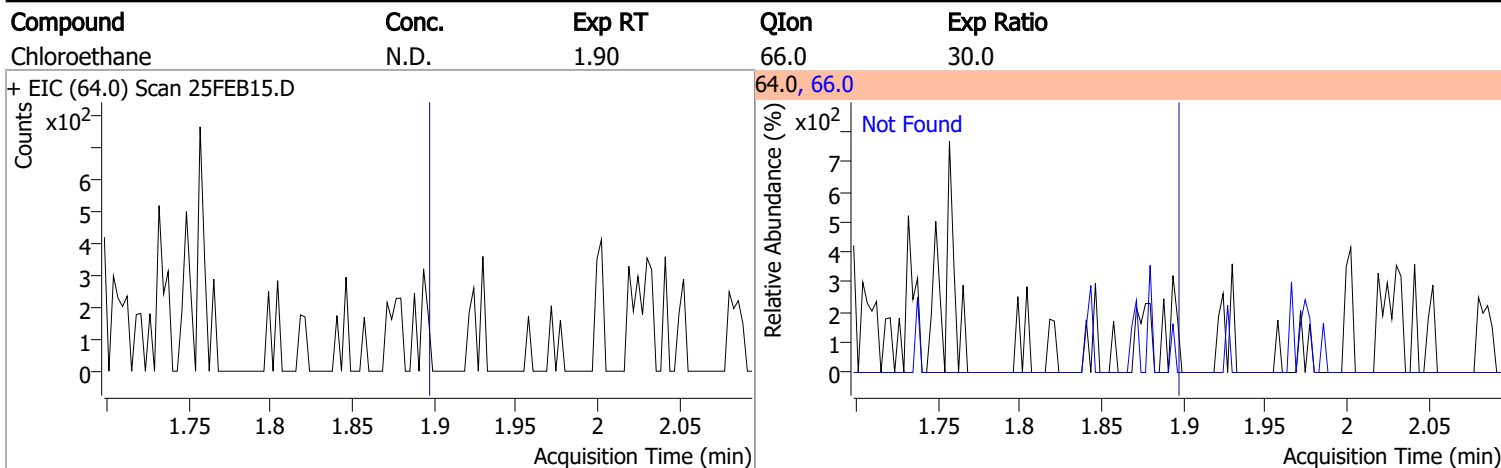
| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|-----------------------------|--------|-------|-------|--------|-------|----|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Benzene | 6.280 | 78.0 | 341 | 0.0875 | ng | m | 77 |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T Toluene | 8.386 | 92.0 | 10648 | 4.2245 | ng | | 100 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | | |
| T Chlorobenzene | 9.805 | 112.0 | 929 | 0.3363 | ng | m | 76 |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | | |
| T m+p-Xylenes | 10.034 | 106.0 | 754 | 2.1868 | ng | m | 89 |
| T o-Xylene | 10.432 | 106.0 | 0 | | ng | md | 1 |
| T Styrene | 0.000 | | 0 | N.D. | | | |
| T Bromoform | 0.000 | | 0 | N.D. | | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | | |

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

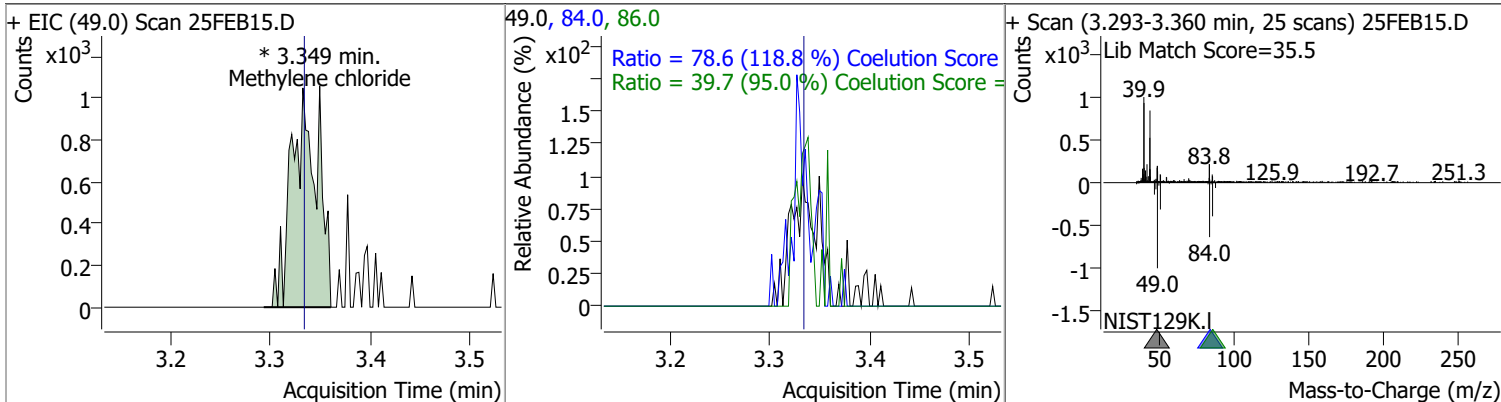
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

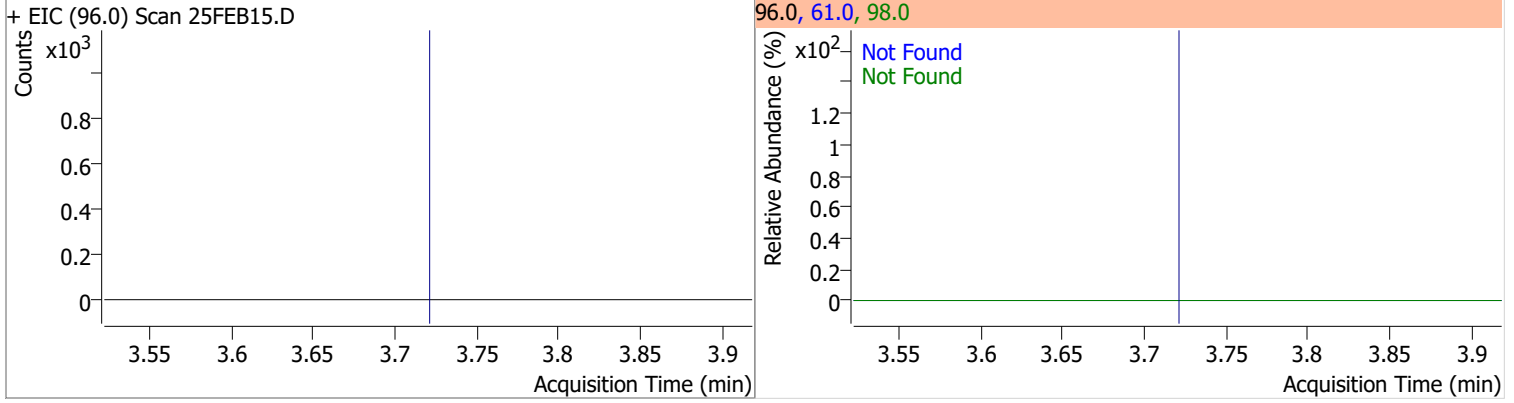


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 1.3355 | 3.35 | 0.02 | 1906 (m) | 84.0 | 78.6 | 36.1 | 96.1 |
| | | | | | 86.0 | 39.7 | 11.8 | 71.8 |

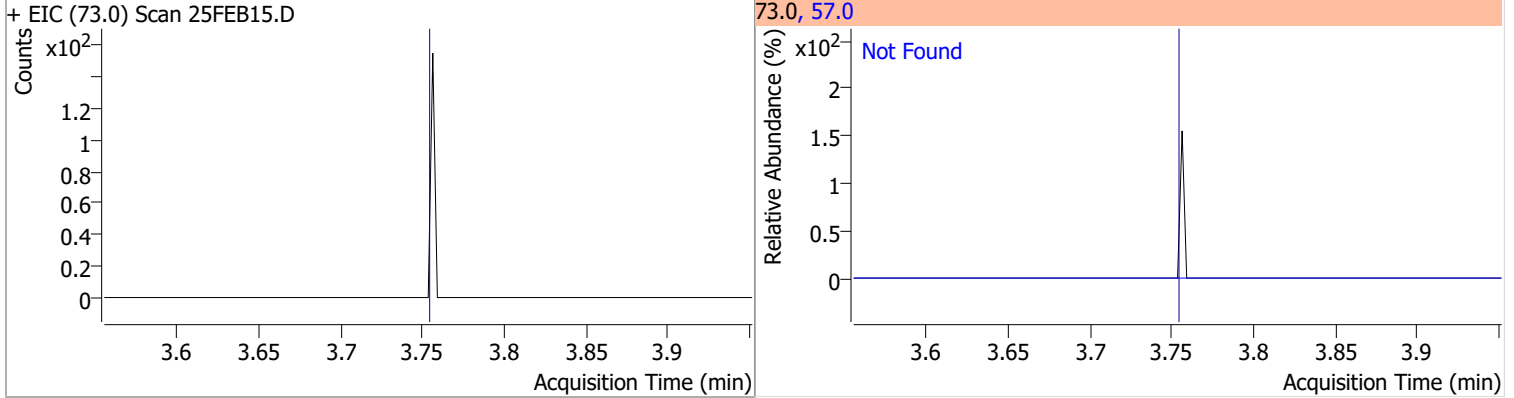


Quantitation Results Report (QT Reviewed)

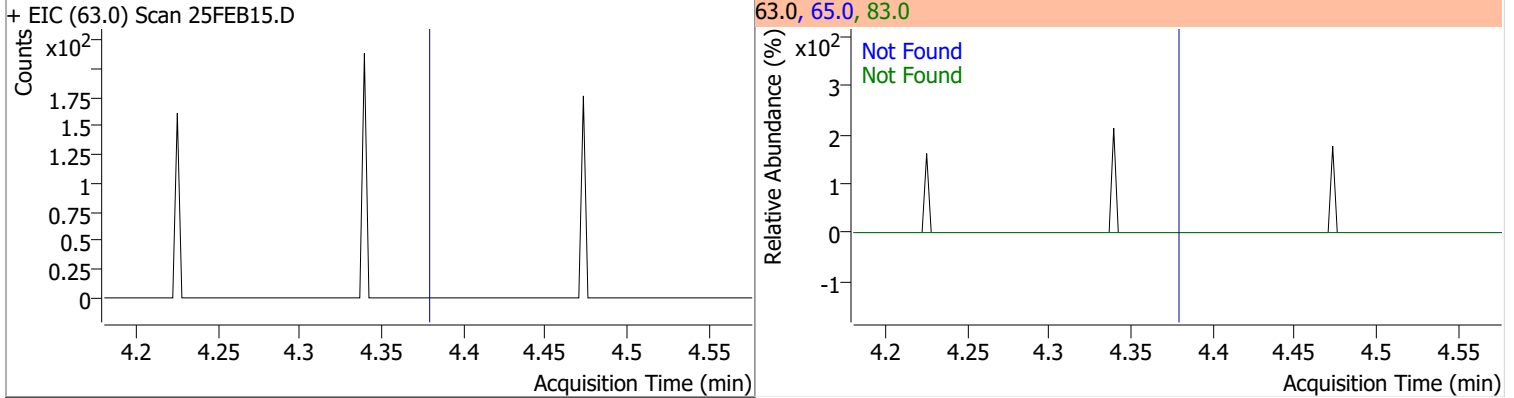
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



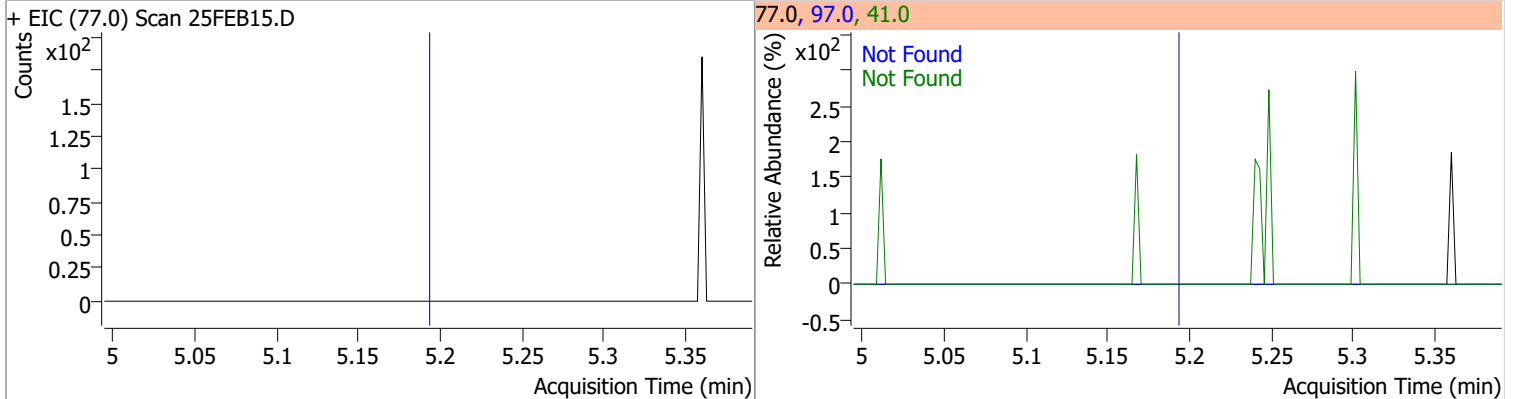
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

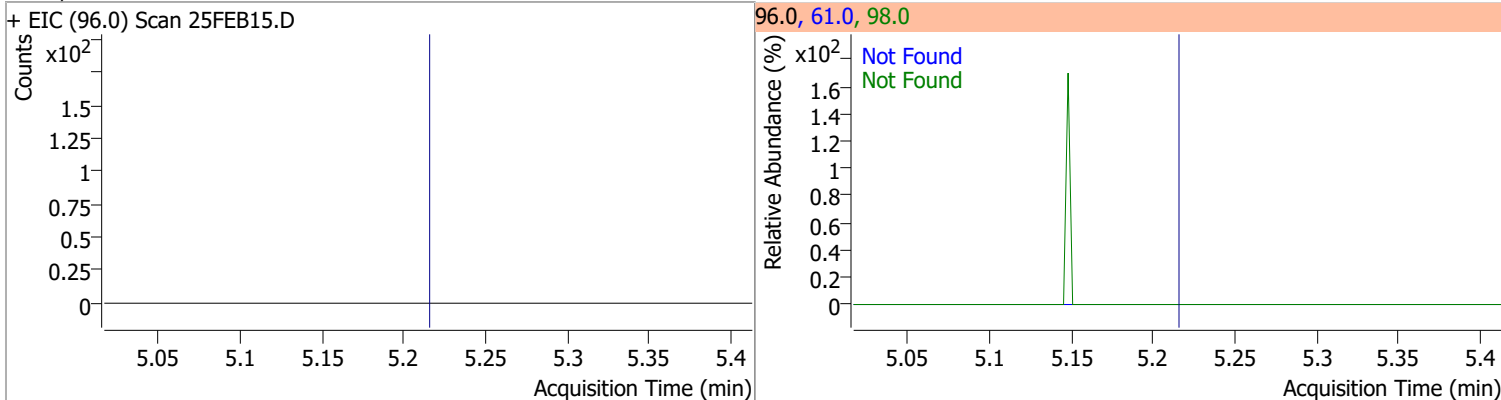


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

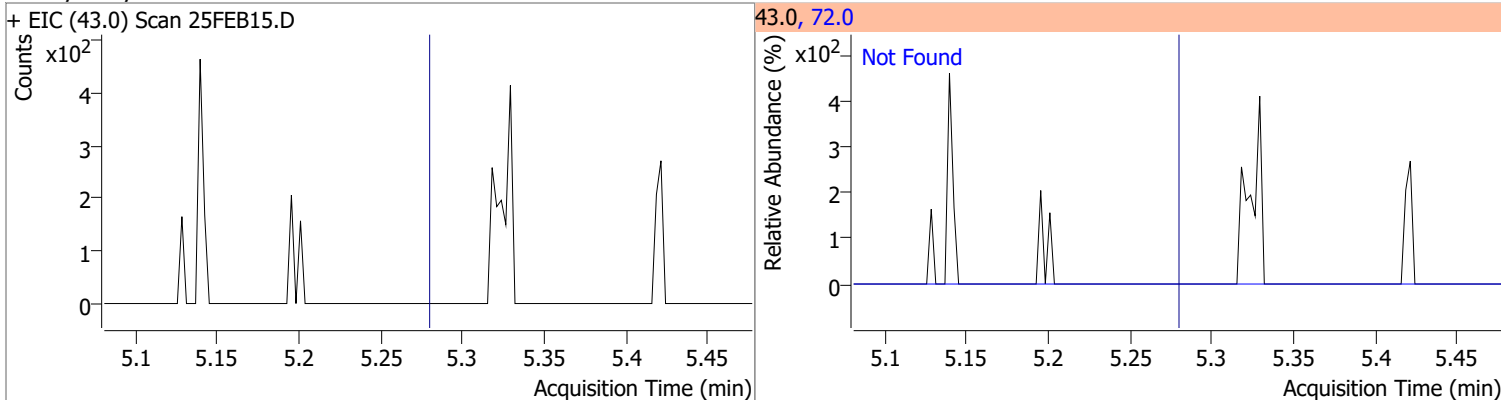


Quantitation Results Report (QT Reviewed)

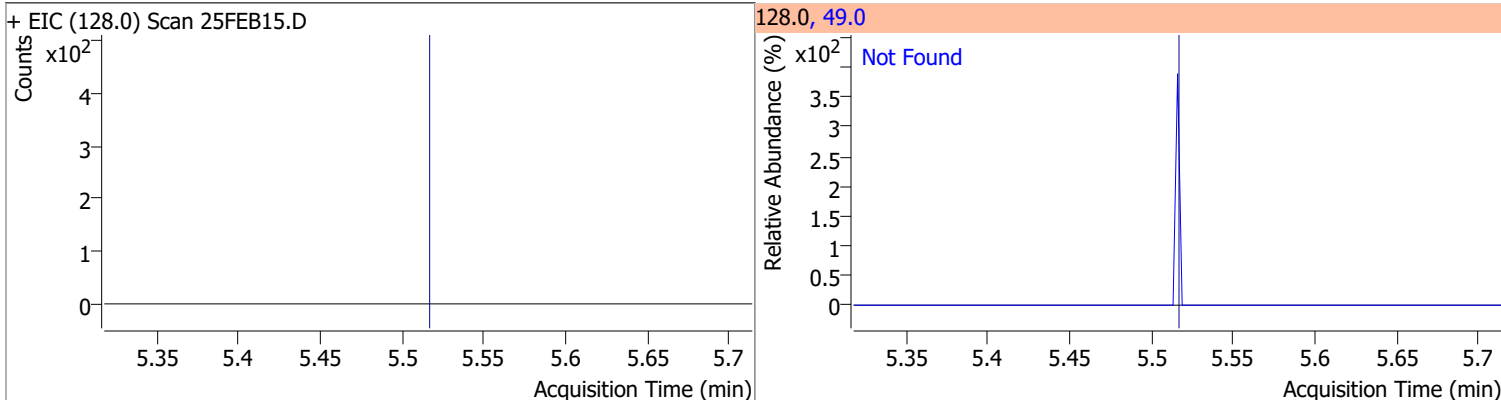
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



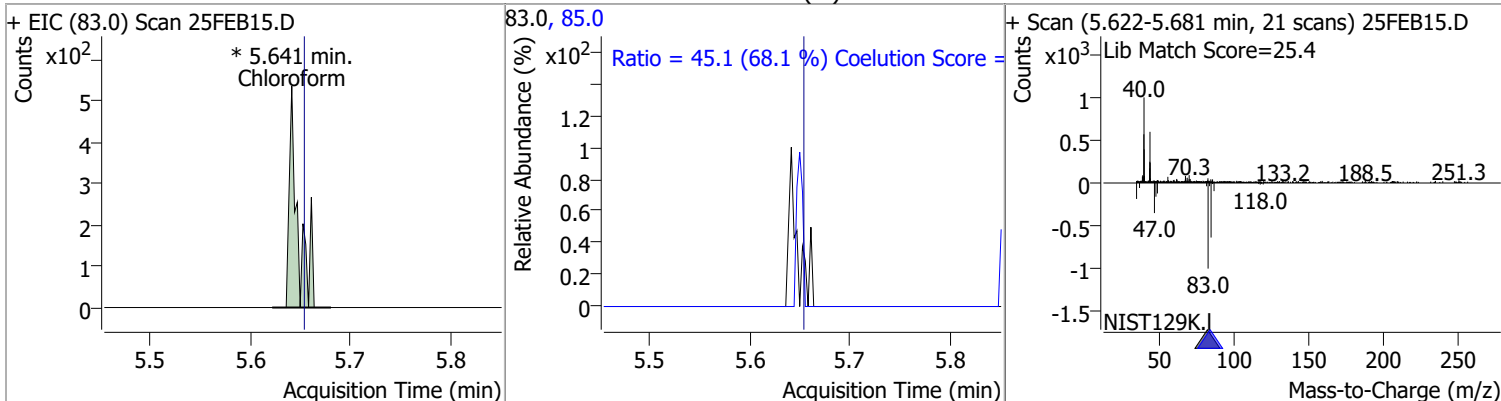
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



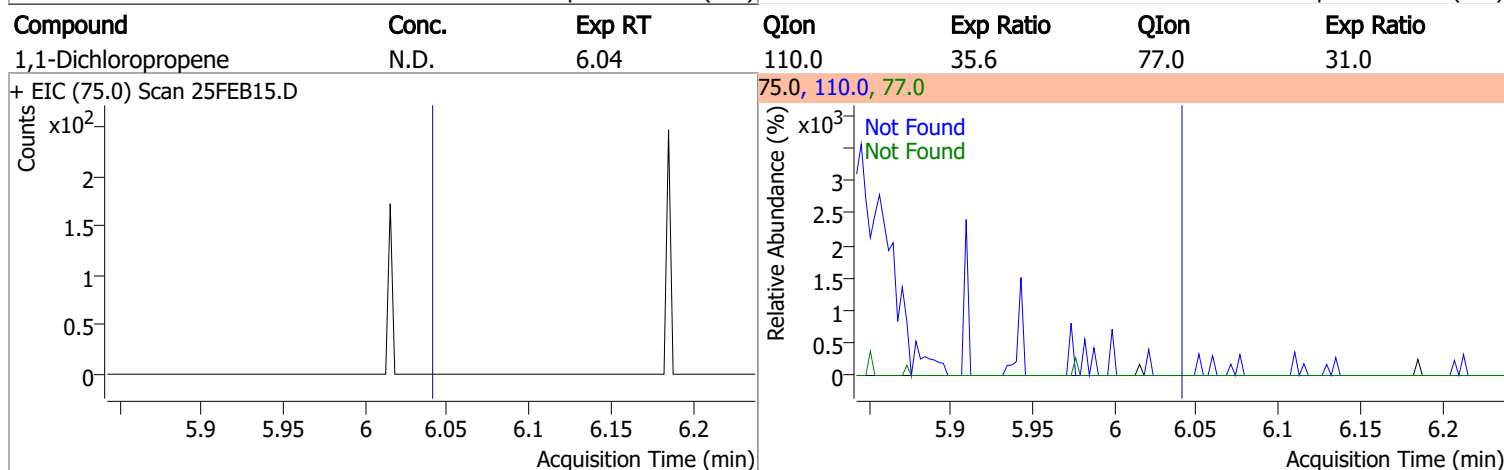
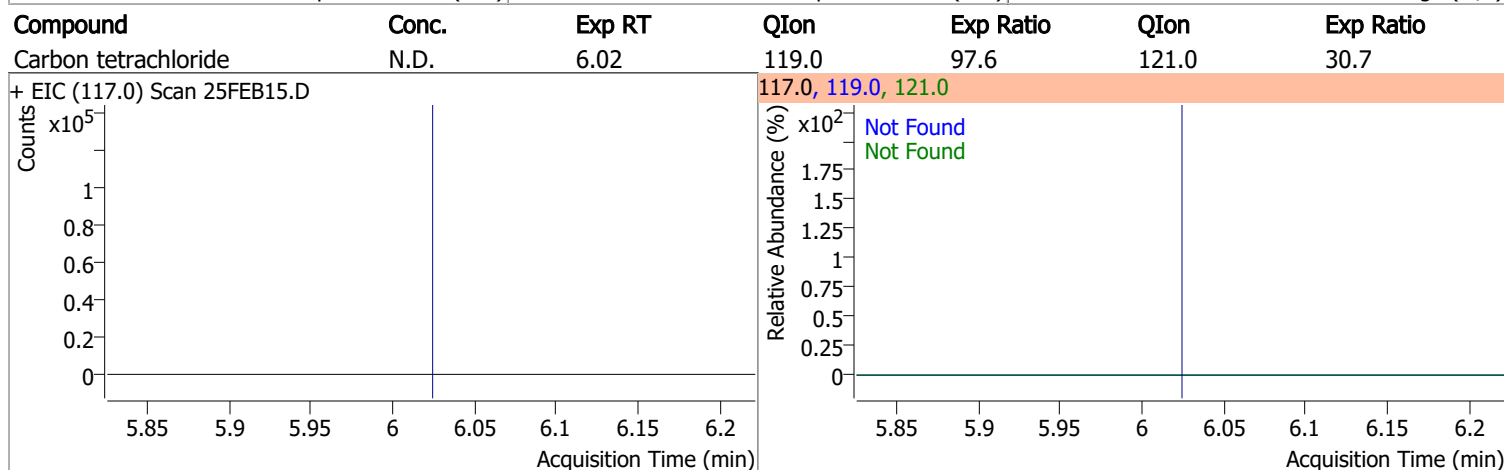
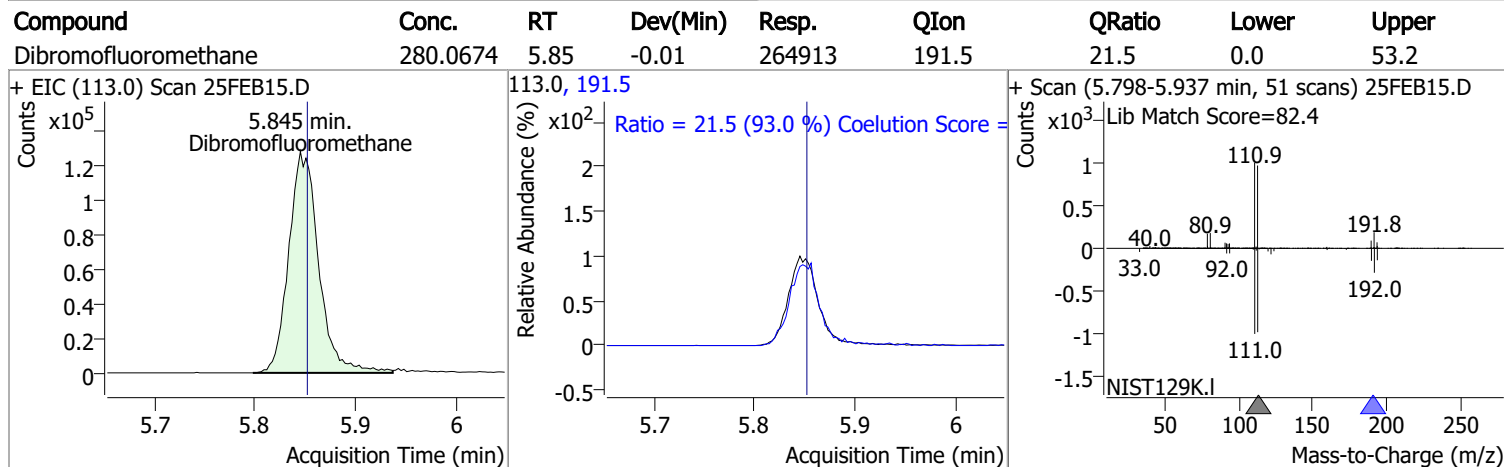
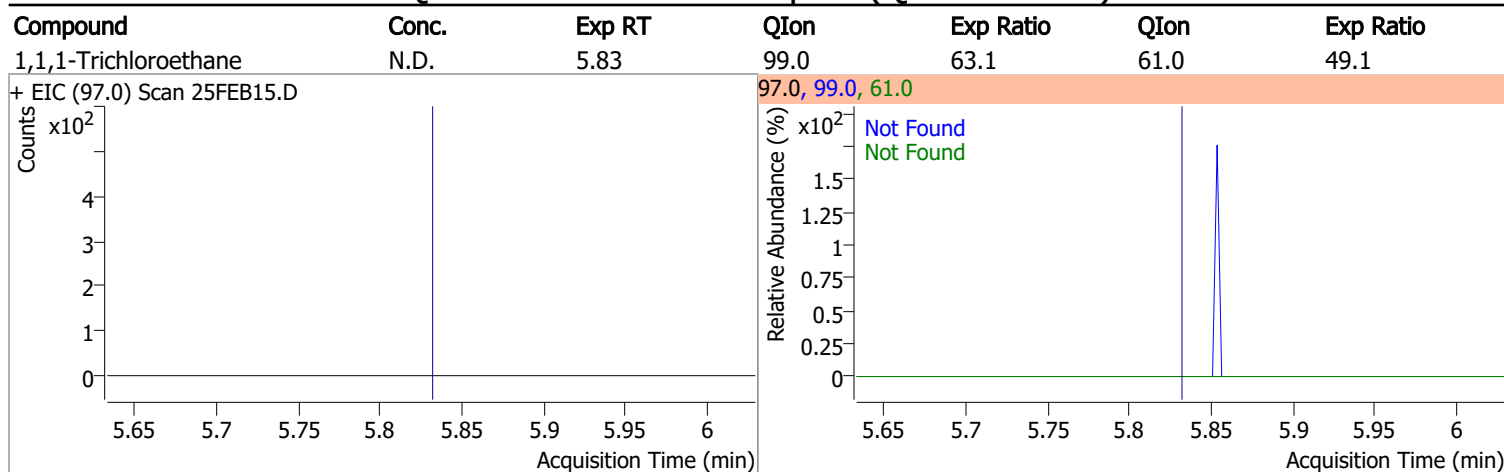
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|--------|------|----------|---------|------|--------|-------|-------|
| Chloroform | 0.1694 | 5.64 | -0.01 | 321 (m) | 85.0 | 45.1 | 36.2 | 96.2 |

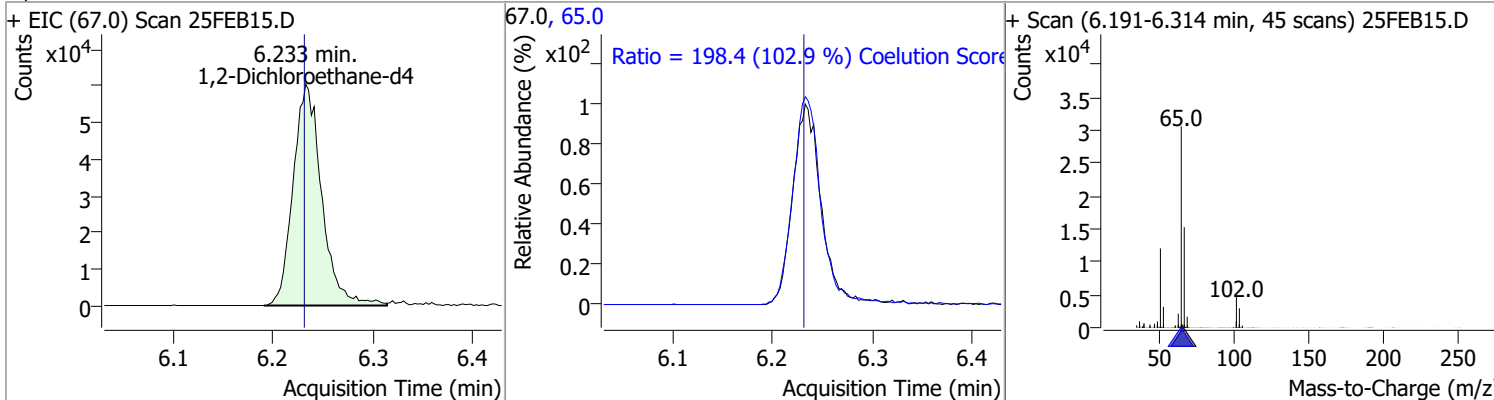


Quantitation Results Report (QT Reviewed)

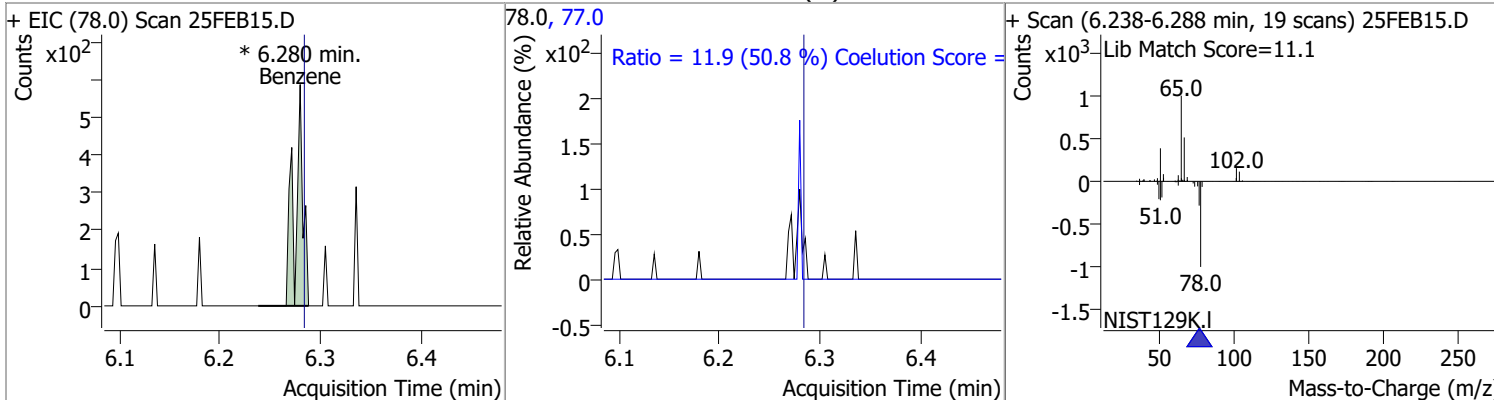


Quantitation Results Report (QT Reviewed)

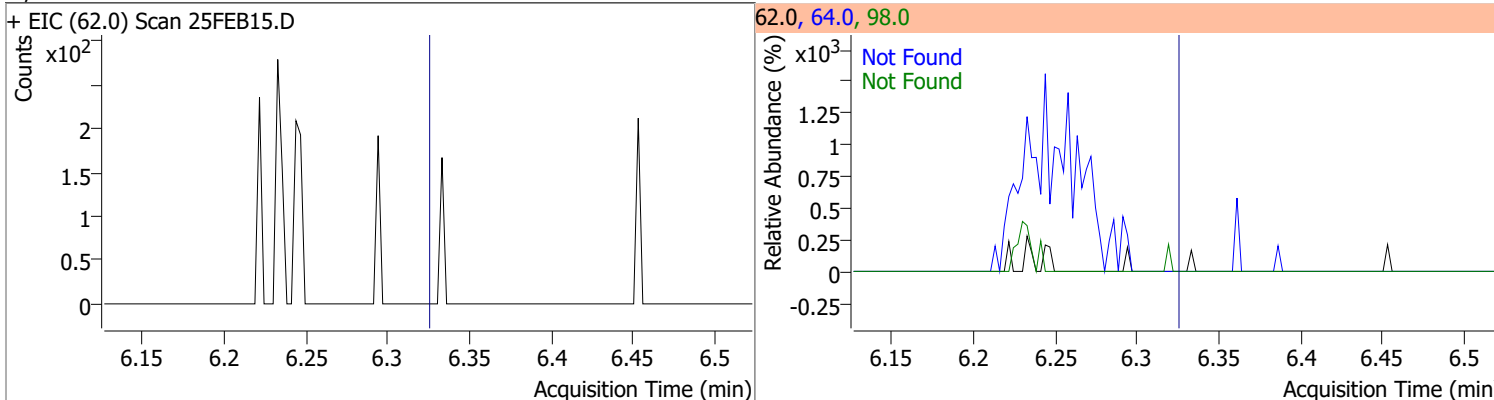
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 292.3913 | 6.23 | 0.00 | 119471 | 65.0 | 198.4 | 162.8 | 222.8 |



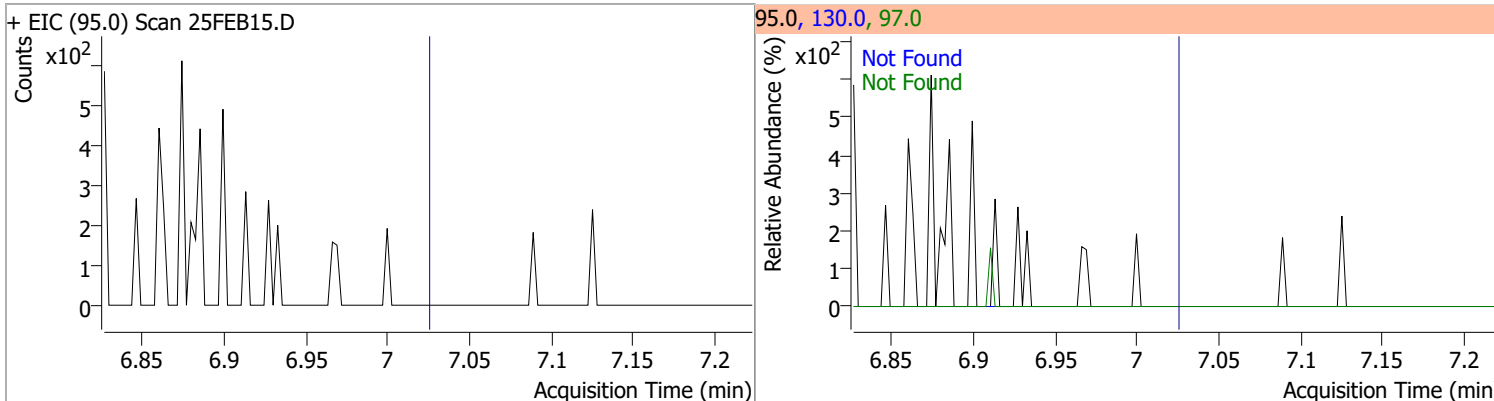
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|---------|------|--------|-------|-------|
| Benzene | 0.0875 | 6.28 | 0.00 | 341 (m) | 77.0 | 11.9 | 0.0 | 53.3 |



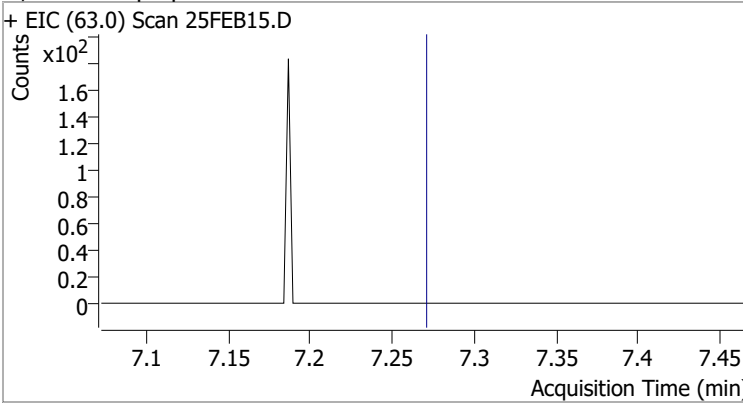
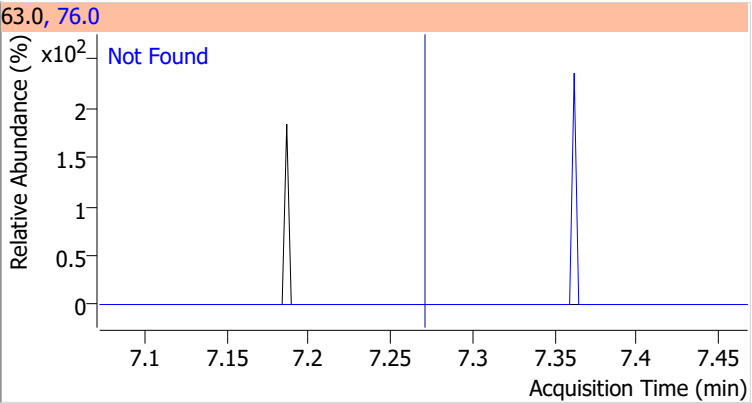
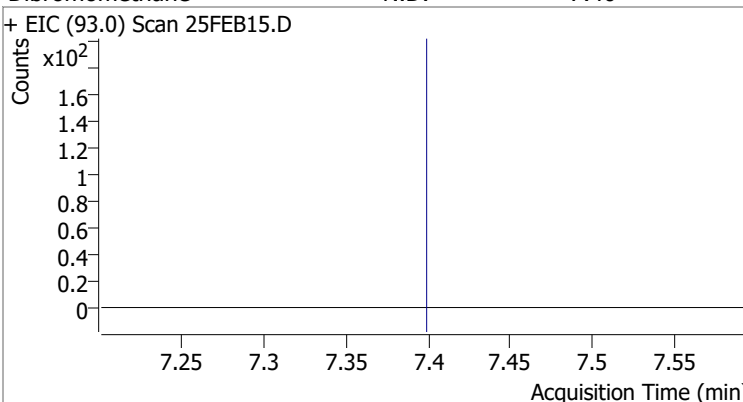
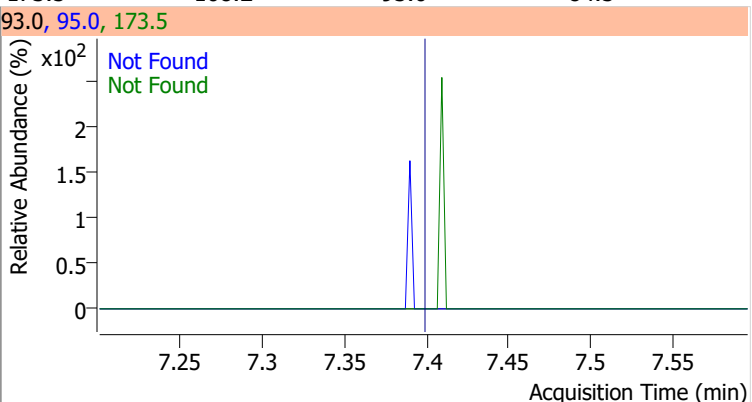
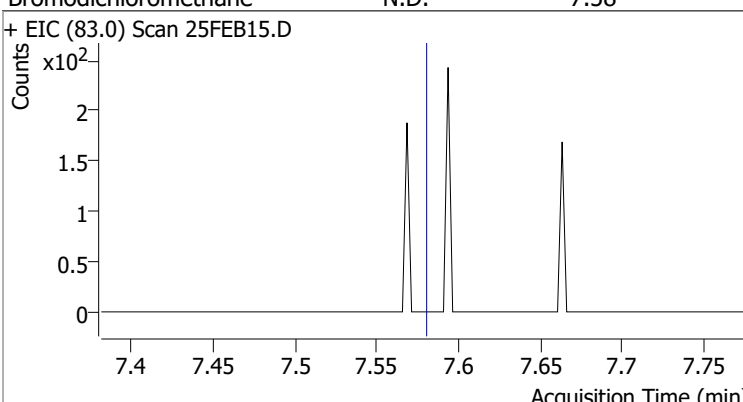
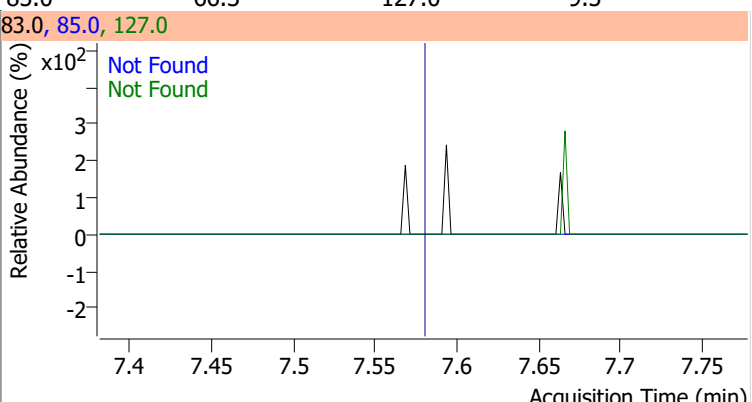
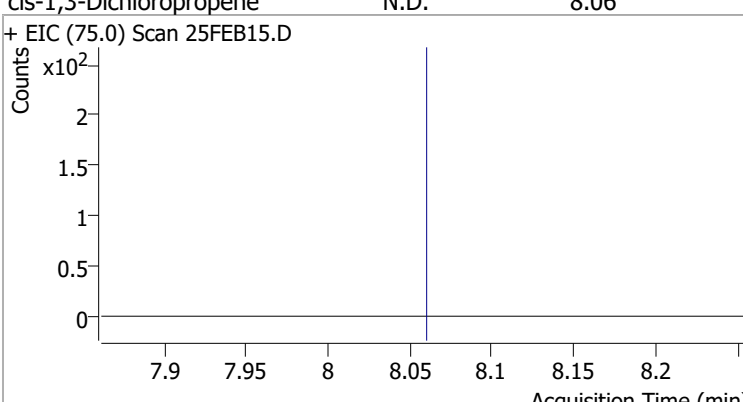
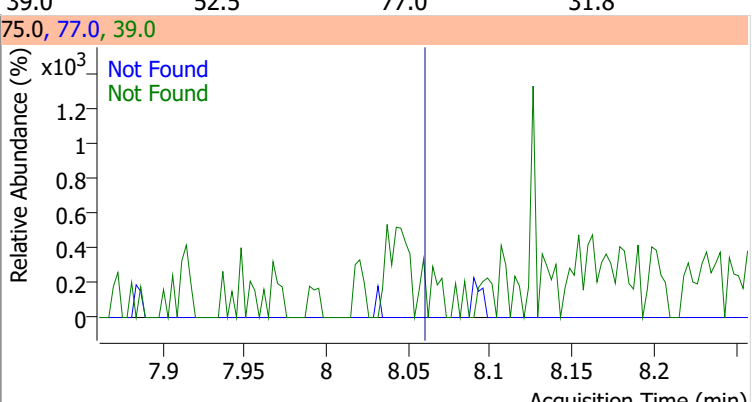
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

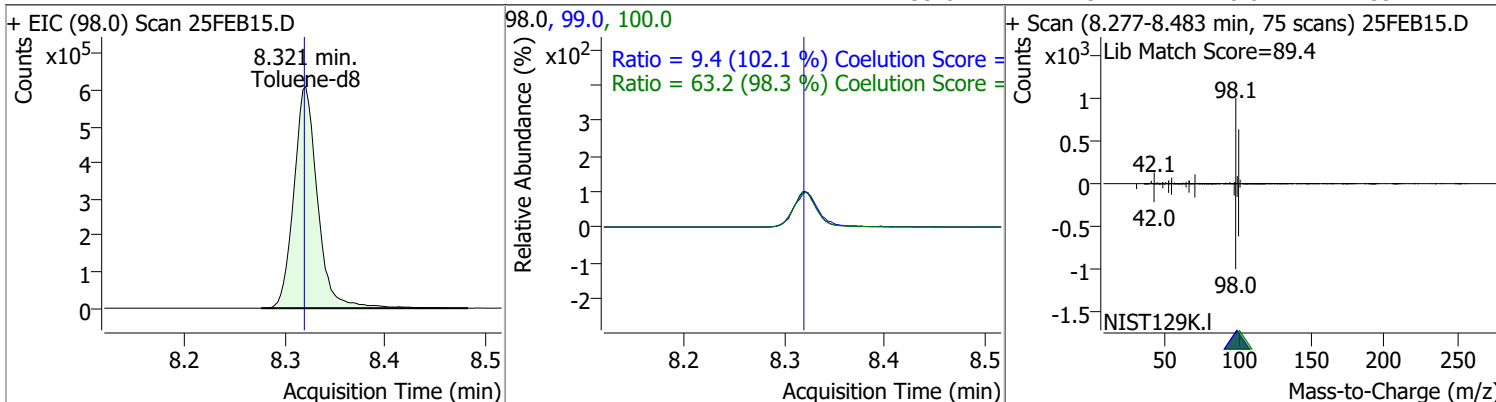


Quantitation Results Report (QT Reviewed)

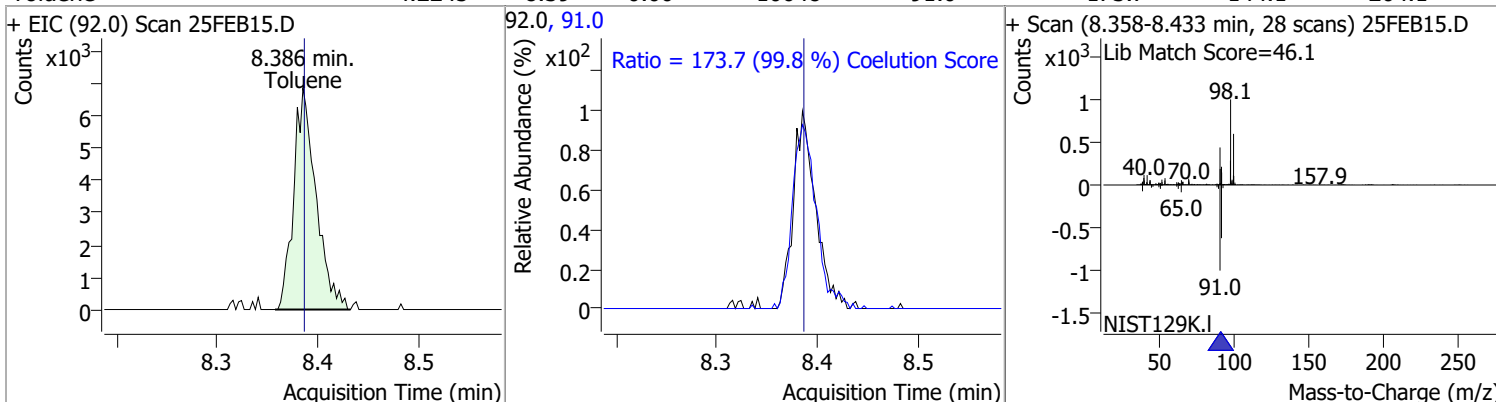
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 | | |
| + EIC (63.0) Scan 25FEB15.D | | | 63.0, 76.0 | | | |
|  | | |  | | | |
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |
| + EIC (93.0) Scan 25FEB15.D | | | 93.0, 95.0, 173.5 | | | |
|  | | |  | | | |
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |
| + EIC (83.0) Scan 25FEB15.D | | | 83.0, 85.0, 127.0 | | | |
|  | | |  | | | |
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |
| + EIC (75.0) Scan 25FEB15.D | | | 75.0, 77.0, 39.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

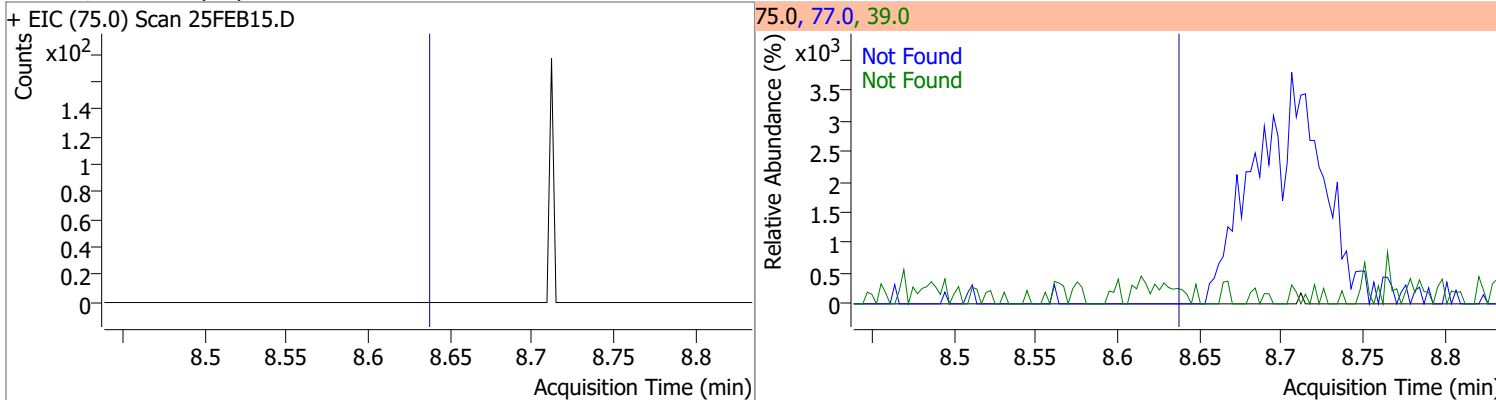
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 265.0524 | 8.32 | 0.00 | 1002272 | 100.0 | 63.2 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.4 | 0.0 | 39.2 |



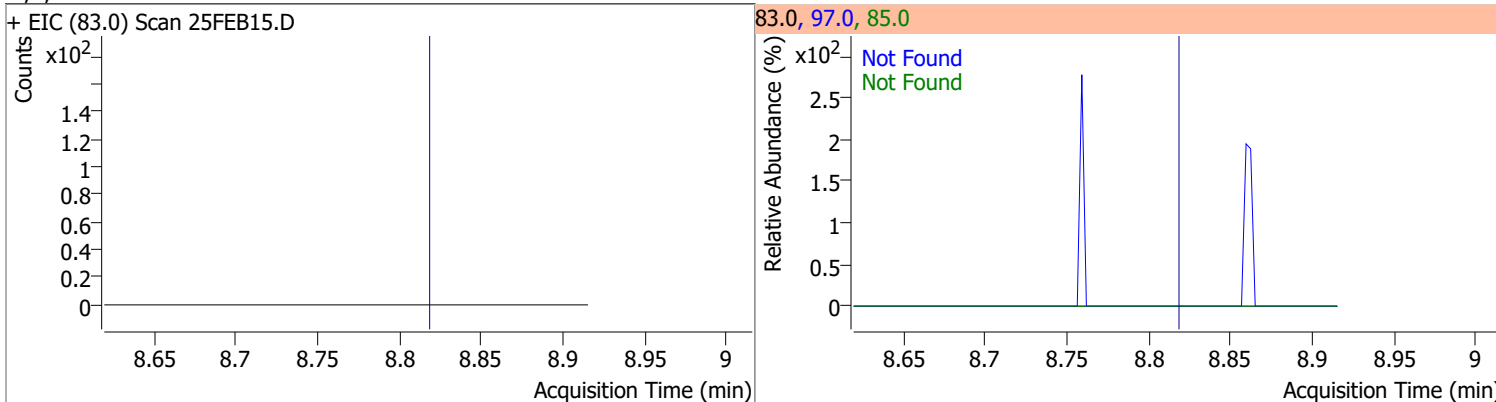
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|--------|------|----------|-------|------|--------|-------|-------|
| Toluene | 4.2245 | 8.39 | 0.00 | 10648 | 91.0 | 173.7 | 144.1 | 204.1 |



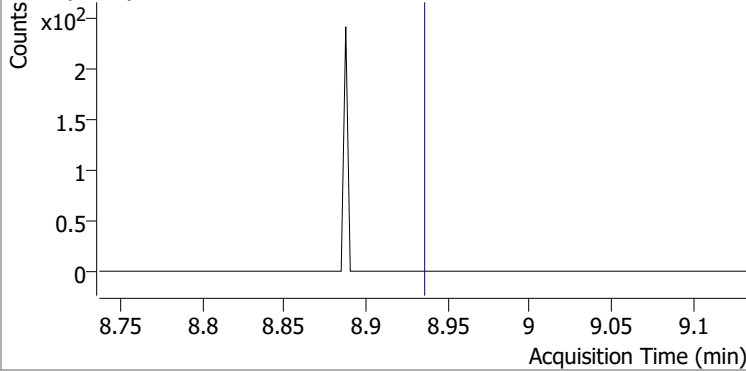
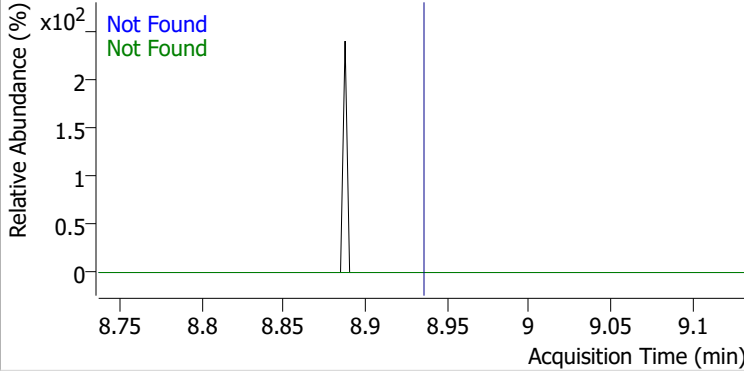
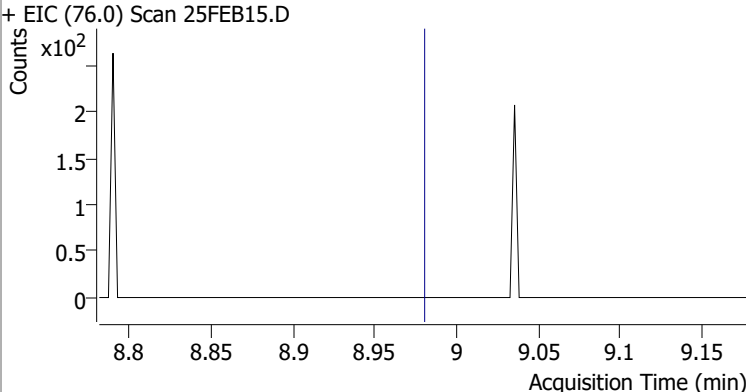
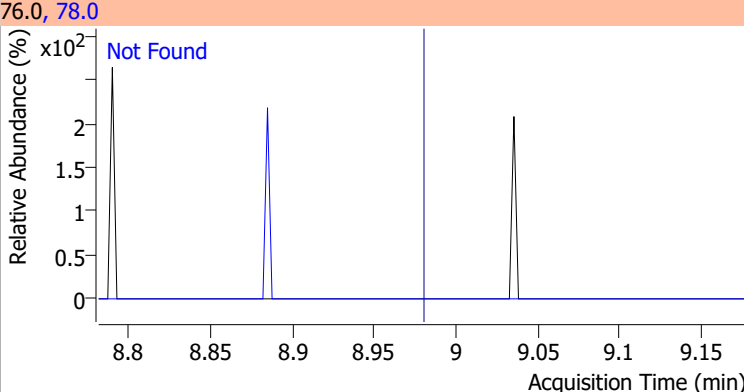
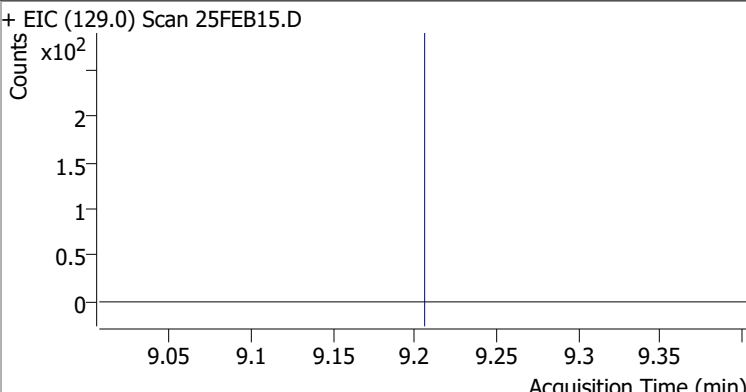
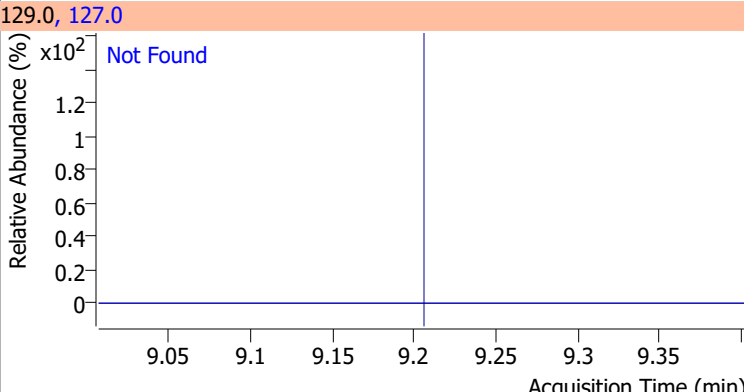
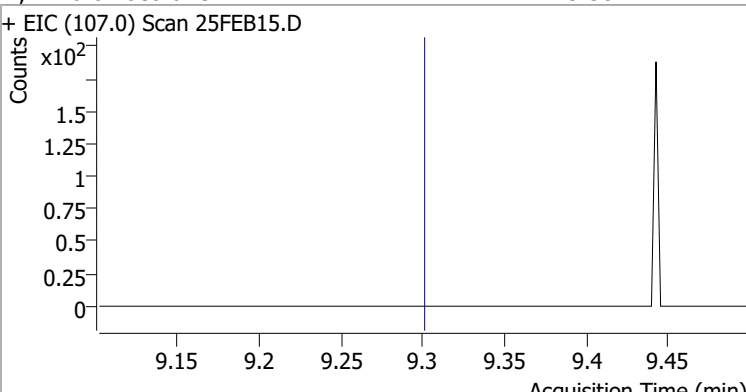
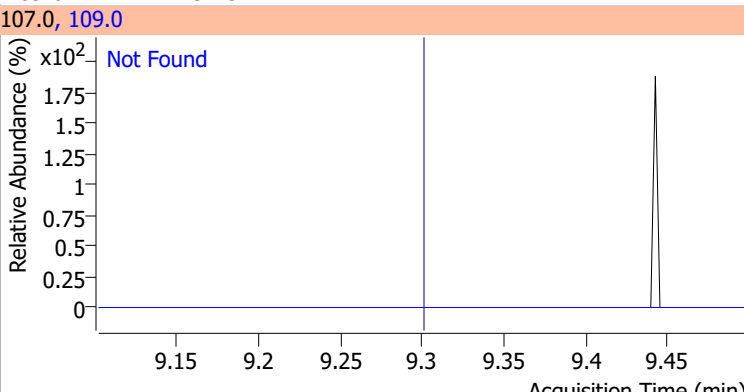
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

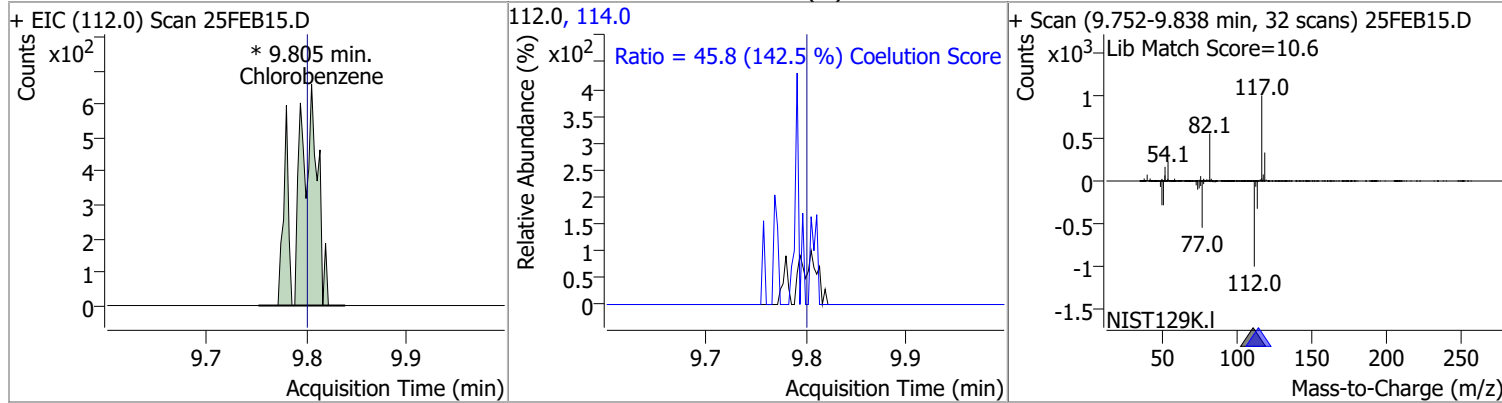


Quantitation Results Report (QT Reviewed)

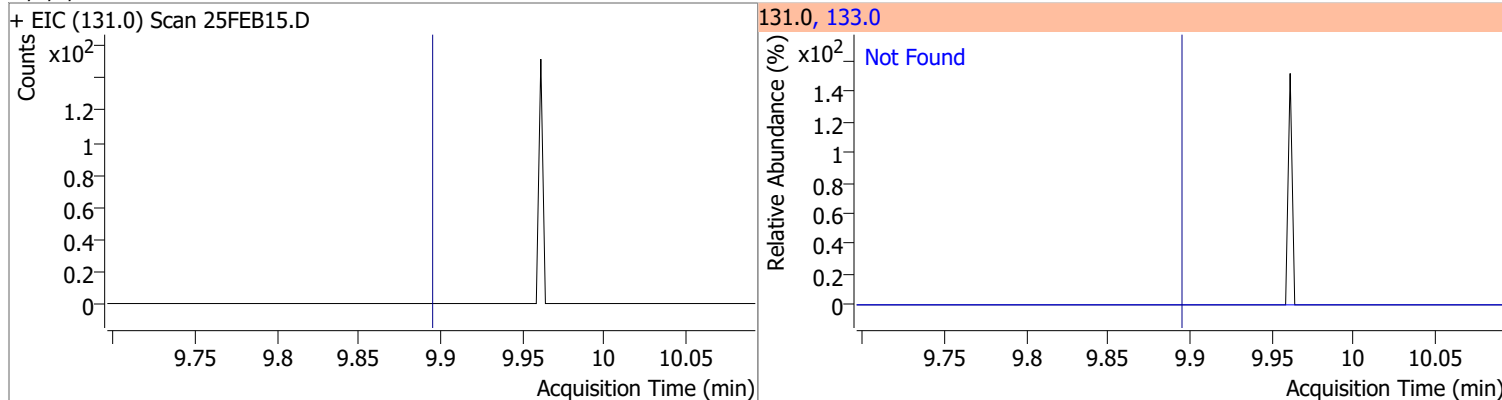
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |
| + EIC (163.8) Scan 25FEB15.D | | | 163.8, 129.0, 165.8 | | | |
|  | | |  | | | |
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 | | |
| + EIC (76.0) Scan 25FEB15.D | | | 76.0, 78.0 | | | |
|  | | |  | | | |
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 | | |
| + EIC (129.0) Scan 25FEB15.D | | | 129.0, 127.0 | | | |
|  | | |  | | | |
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 | | |
| + EIC (107.0) Scan 25FEB15.D | | | 107.0, 109.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

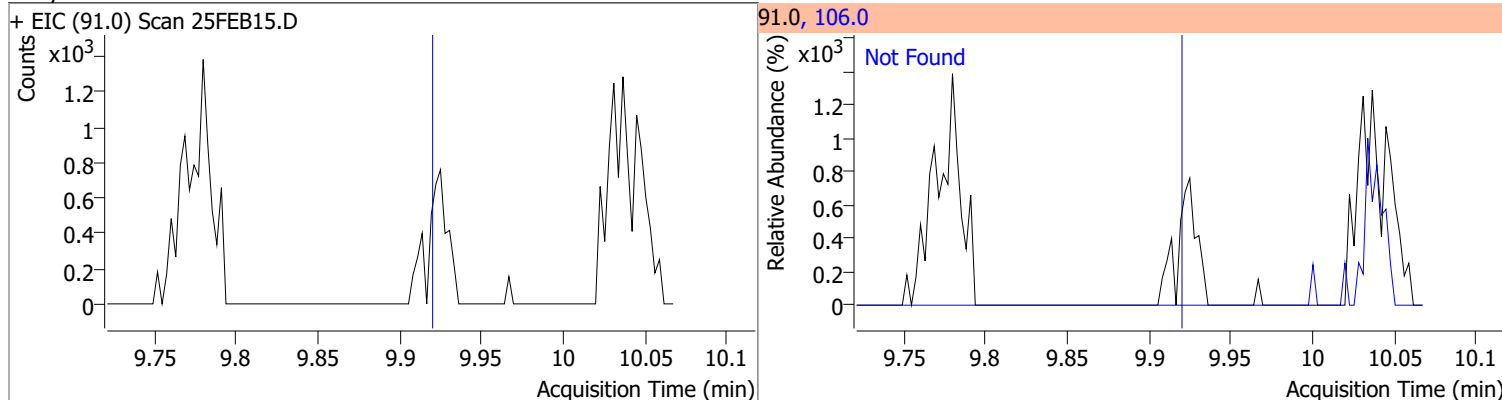
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|--------|------|----------|---------|-------|--------|-------|-------|
| Chlorobenzene | 0.3363 | 9.80 | 0.01 | 929 (m) | 114.0 | 45.8 | 2.2 | 62.2 |



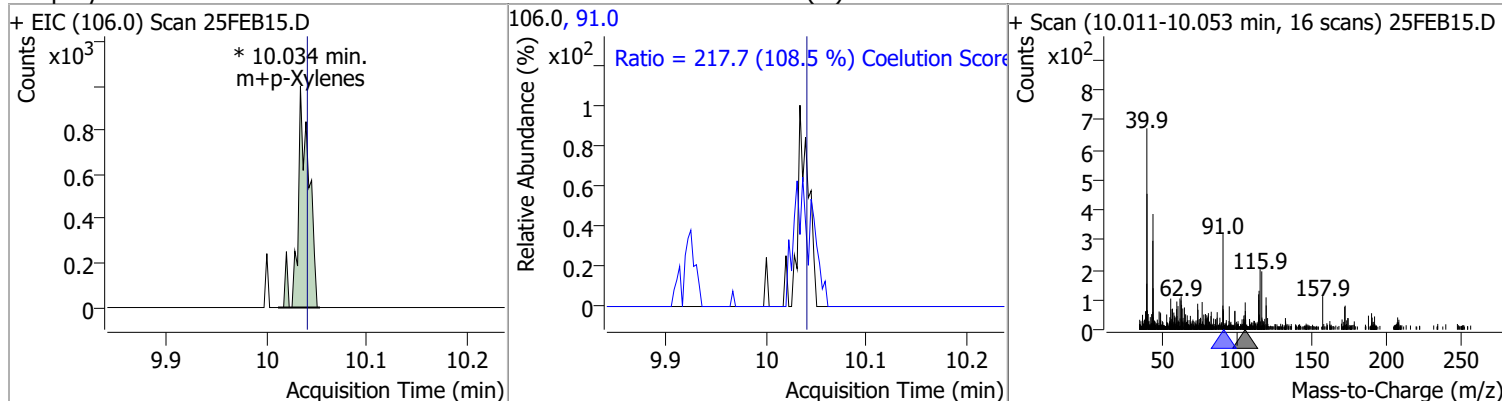
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------------|-------|--------|-------|-----------|
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|-------|-----------|
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |

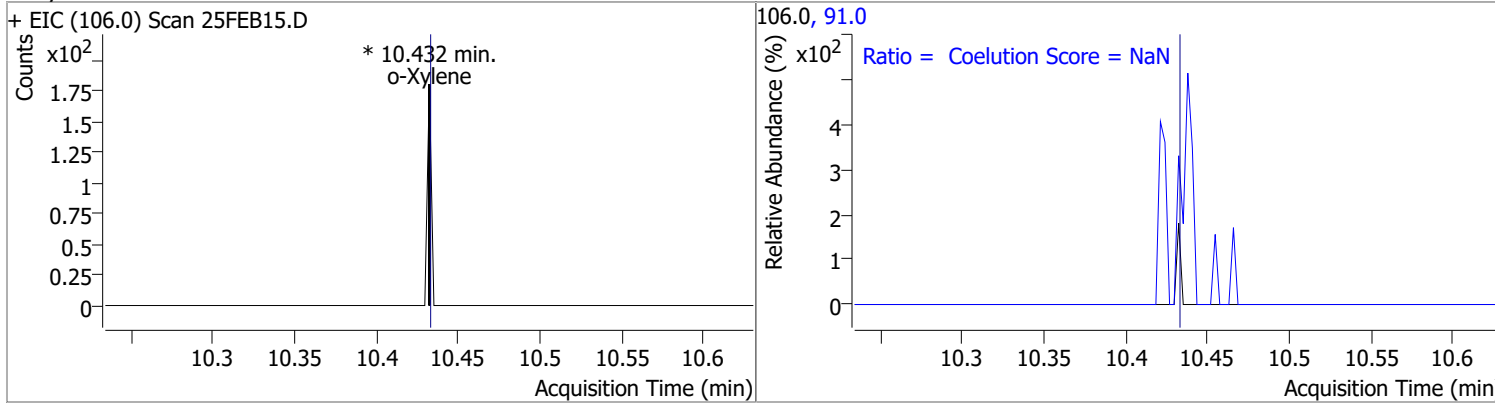


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------|--------|-------|----------|---------|------|--------|-------|-------|
| m+p-Xylenes | 2.1868 | 10.03 | -0.01 | 754 (m) | 91.0 | 217.7 | 170.7 | 230.7 |

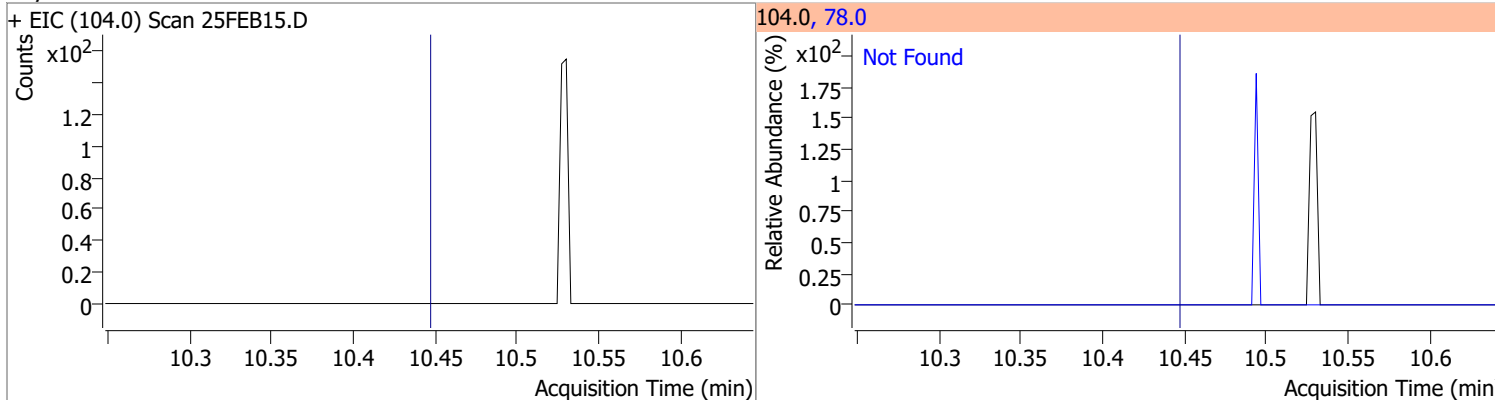


Quantitation Results Report (QT Reviewed)

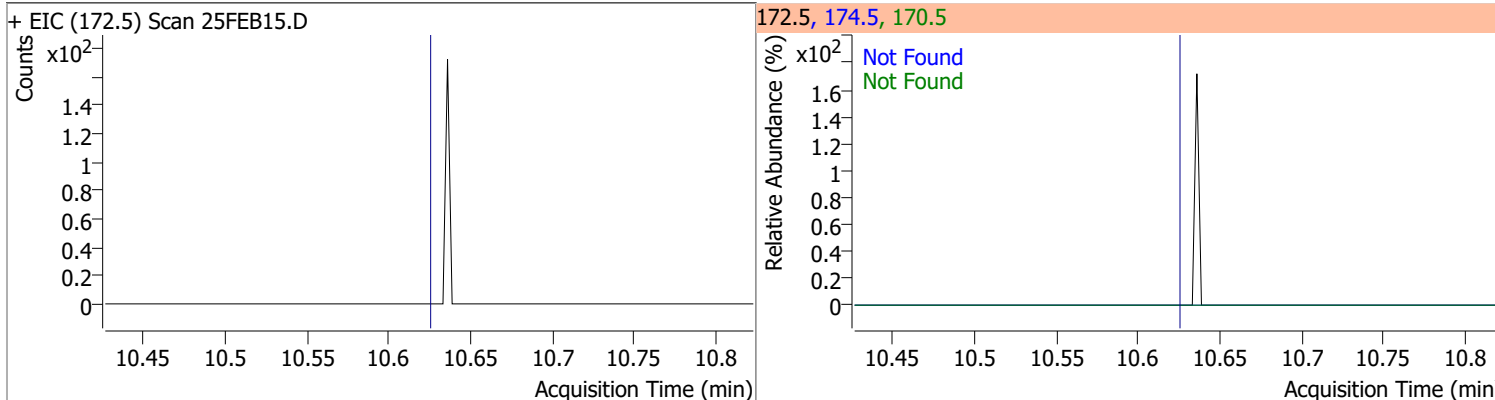
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
| o-Xylene | | 0 | | 0 | 91.0 | | 181.4 | 241.4 |



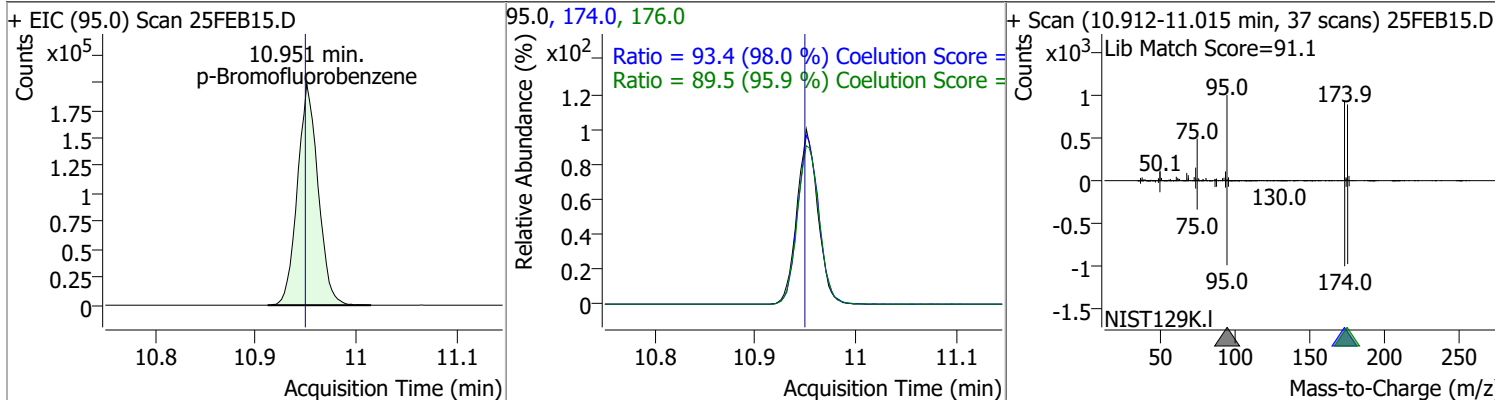
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



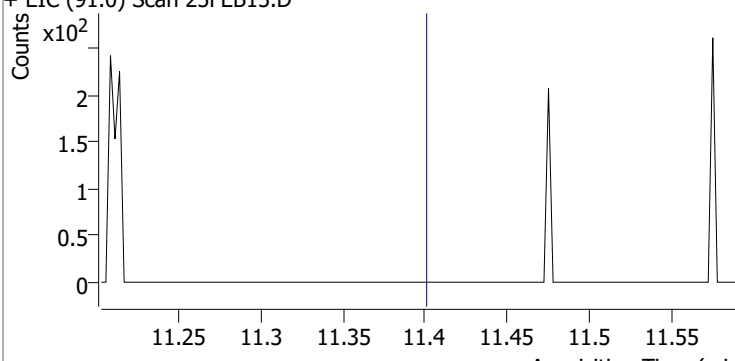
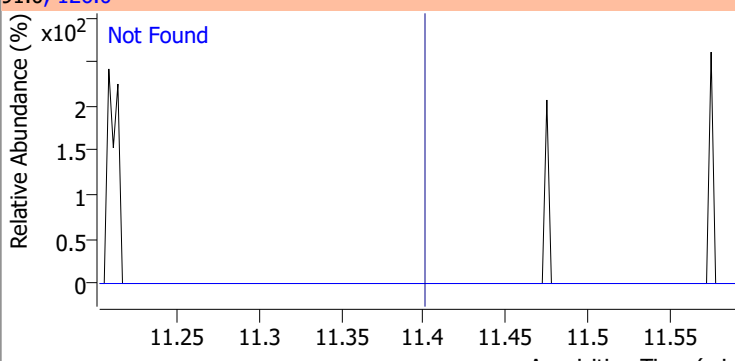
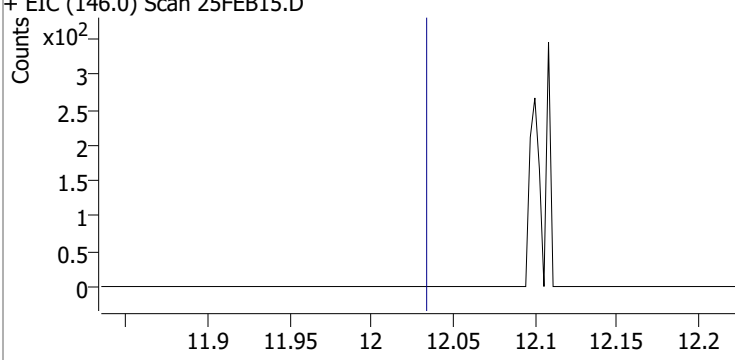
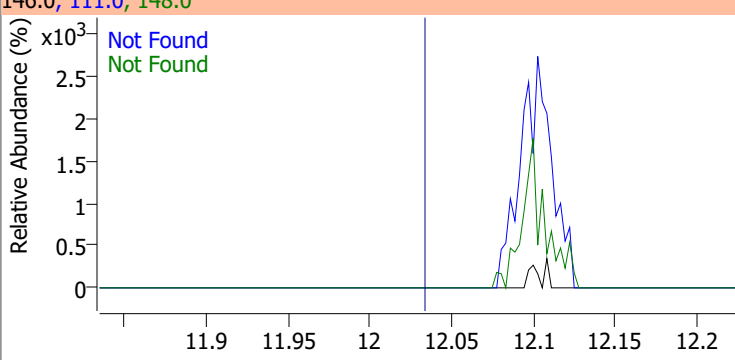
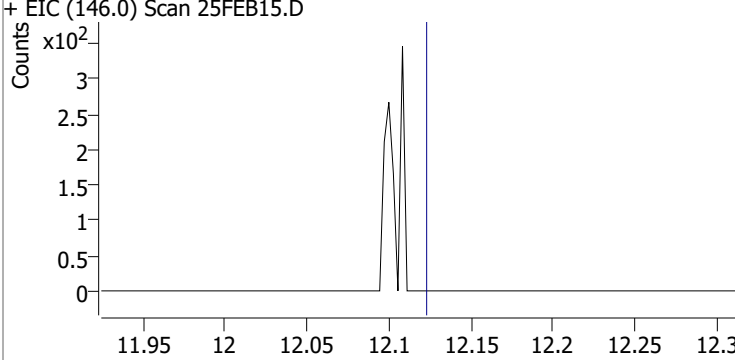
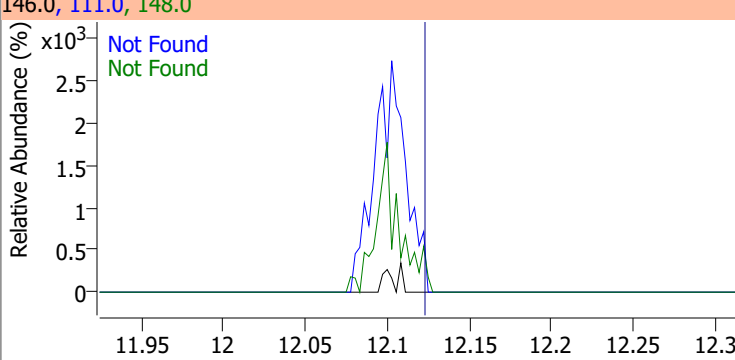
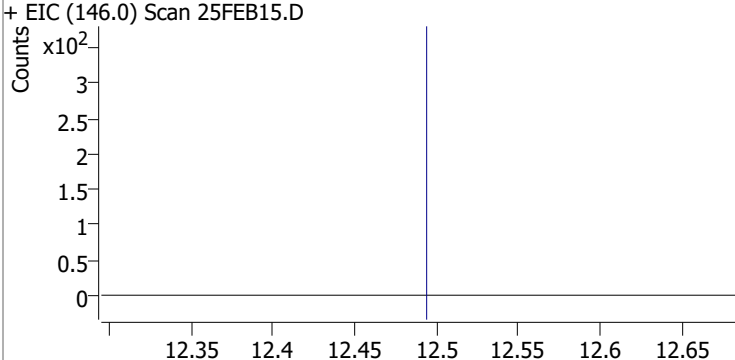
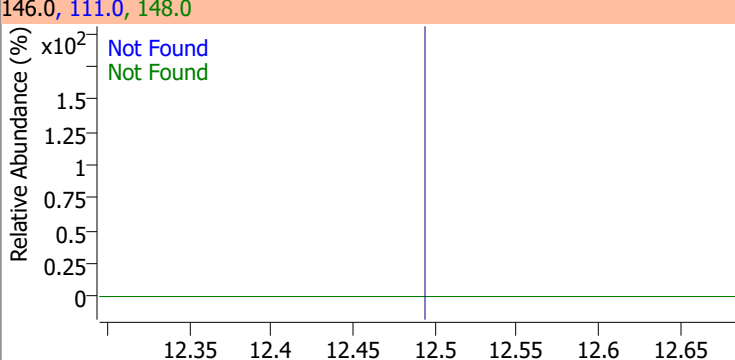
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 273.6268 | 10.95 | 0.00 | 283542 | 174.0 | 93.4 | 65.3 | 125.3 |
| | | | | | 176.0 | 89.5 | 63.3 | 123.3 |



Quantitation Results Report (QT Reviewed)

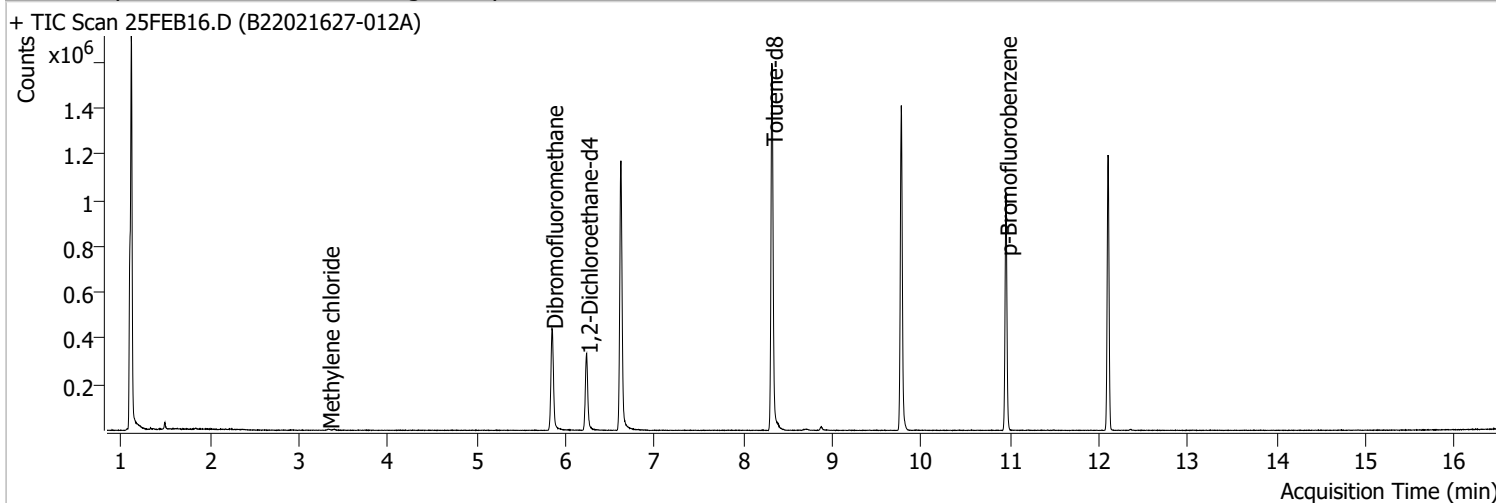
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------------|-------|--------|--------------------|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB15.D | | | 156.0, 77.0, 158.0 | | | |
| | | | | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB15.D | | | 83.0, 85.0 | | | |
| | | | | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB15.D | | | 110.0, 112.0 | | | |
| | | | | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB15.D | | | 126.0, 91.0 | | | |
| | | | | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | | |
|--|-------|--------|--|-----------|------|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 | | |
| + EIC (91.0) Scan 25FEB15.D | | | 91.0, 126.0 | | | |
|  | | |  | | | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB15.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB15.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | QIon | Exp Ratio |
| + EIC (146.0) Scan 25FEB15.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB16.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 5:09:15 PM |
| Sample Name | B22021627-012A | Instrument | VOA5975C |
| Vial | 16 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



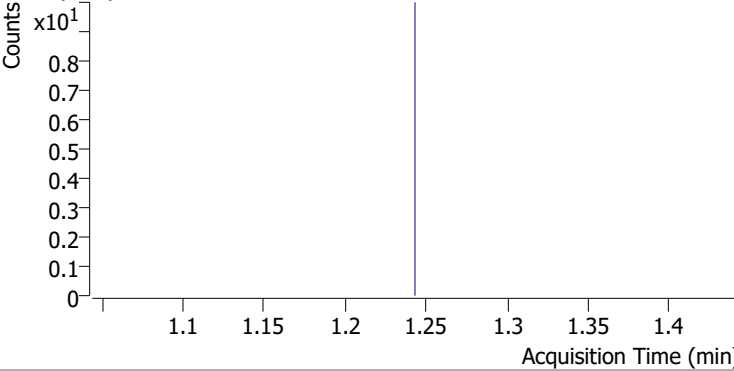
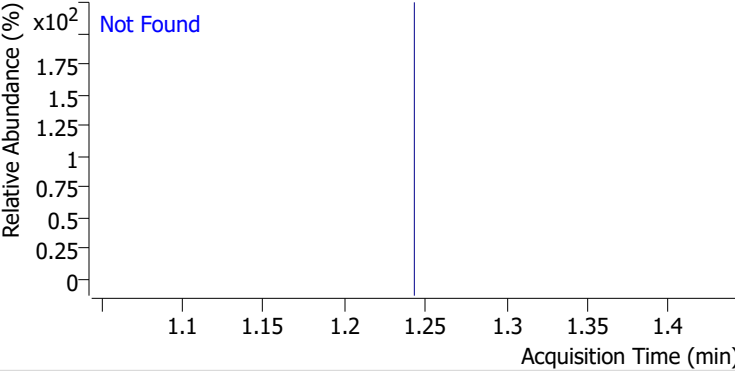
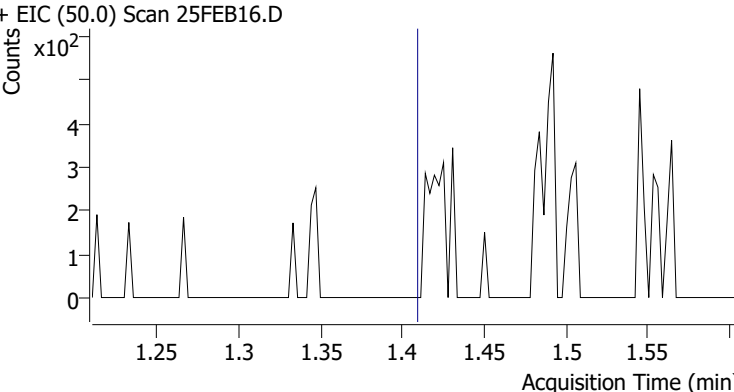
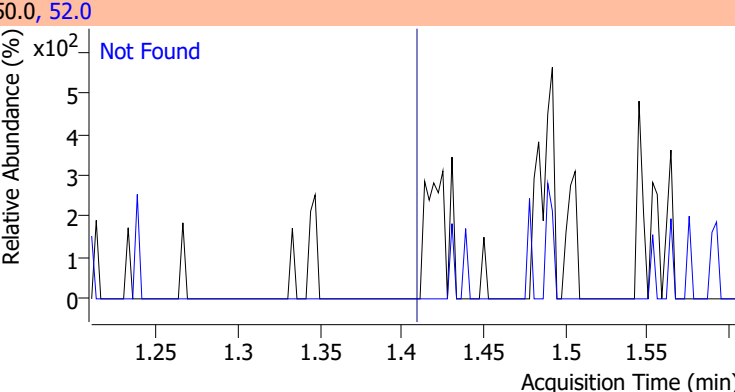
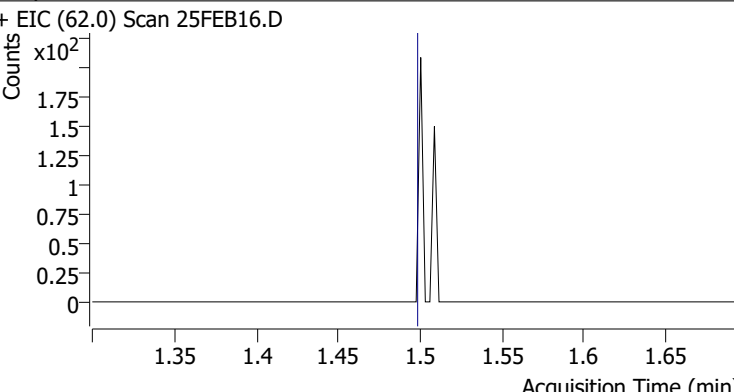
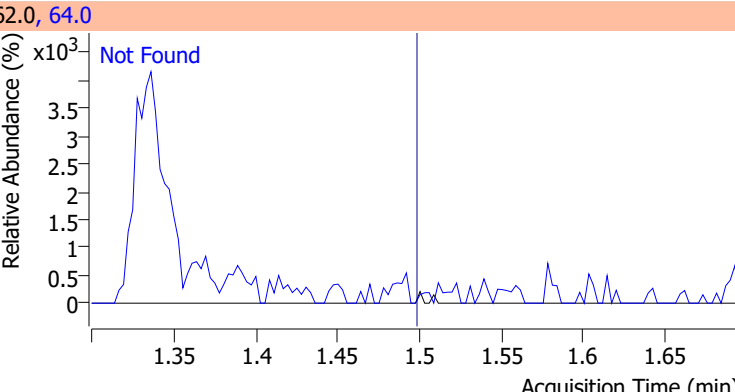
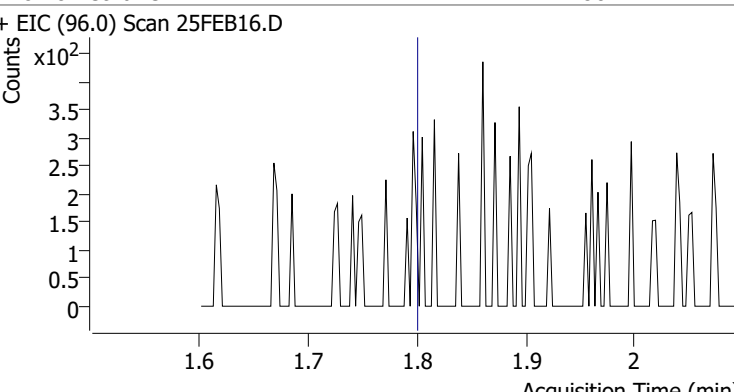
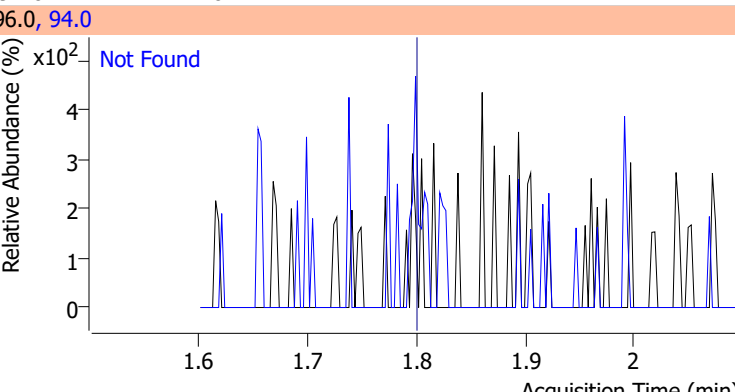
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 1000170 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 393042 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 286225 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 266829 | 275.4373 | ng | -0.006 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 110.17% | | |
| S 1,2-Dichloroethane-d4 | 6.236 | 67.0 | 118582 | 283.3682 | ng | 0.005 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 113.35% | | |
| S Toluene-d8 | 8.319 | 98.0 | 1008016 | 262.8805 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 105.15% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 280257 | 265.1917 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 106.08% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 0.000 | | 0 | N.D. | | |
| T Chloromethane | 0.000 | | 0 | N.D. | | |
| T Vinyl chloride | 0.000 | | 0 | N.D. | | |
| T Bromomethane | 0.000 | | 0 | N.D. | | |
| T Chloroethane | 0.000 | | 0 | N.D. | | |
| T Trichlorofluoromethane | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methylene chloride | 3.330 | 49.0 | 3488 | 2.3858 | ng m | 96 |
| T trans-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl tert-butyl ether (MTBE) | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T 2,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T cis-1,2-Dichloroethene | 0.000 | | 0 | N.D. | | |
| T Methyl ethyl ketone | 0.000 | | 0 | N.D. | | |
| T Bromochloromethane | 0.000 | | 0 | N.D. | | |
| T Chloroform | 5.644 | 83.0 | 0 | | ng md | 1 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|-------|------|-------|-------|-------|----------|
| T 1,1,1-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Carbon tetrachloride | 0.000 | | 0 | N.D. | | |
| T 1,1-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Benzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloroethane | 0.000 | | 0 | N.D. | | |
| T Trichloroethene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Dibromomethane | 0.000 | | 0 | N.D. | | |
| T Bromodichloromethane | 0.000 | | 0 | N.D. | | |
| T cis-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T Toluene | 8.386 | 92.0 | 0 | | ng md | 1 |
| T trans-1,3-Dichloropropene | 0.000 | | 0 | N.D. | | |
| T 1,1,2-Trichloroethane | 0.000 | | 0 | N.D. | | |
| T Tetrachloroethene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichloropropane | 0.000 | | 0 | N.D. | | |
| T Chlorodibromomethane | 0.000 | | 0 | N.D. | | |
| T 1,2-Dibromoethane | 0.000 | | 0 | N.D. | | |
| T Chlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,1,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T Ethylbenzene | 0.000 | | 0 | N.D. | | |
| T m+p-Xylenes | 0.000 | | 0 | N.D. | | |
| T o-Xylene | 0.000 | | 0 | N.D. | | |
| T Styrene | 0.000 | | 0 | N.D. | | |
| T Bromoform | 0.000 | | 0 | N.D. | | |
| T Bromobenzene | 0.000 | | 0 | N.D. | | |
| T 1,1,2,2-Tetrachloroethane | 0.000 | | 0 | N.D. | | |
| T 1,2,3-Trichloropropane | 0.000 | | 0 | N.D. | | |
| T 2-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 4-Chlorotoluene | 0.000 | | 0 | N.D. | | |
| T 1,3-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,4-Dichlorobenzene | 0.000 | | 0 | N.D. | | |
| T 1,2-Dichlorobenzene | 0.000 | | 0 | N.D. | | |

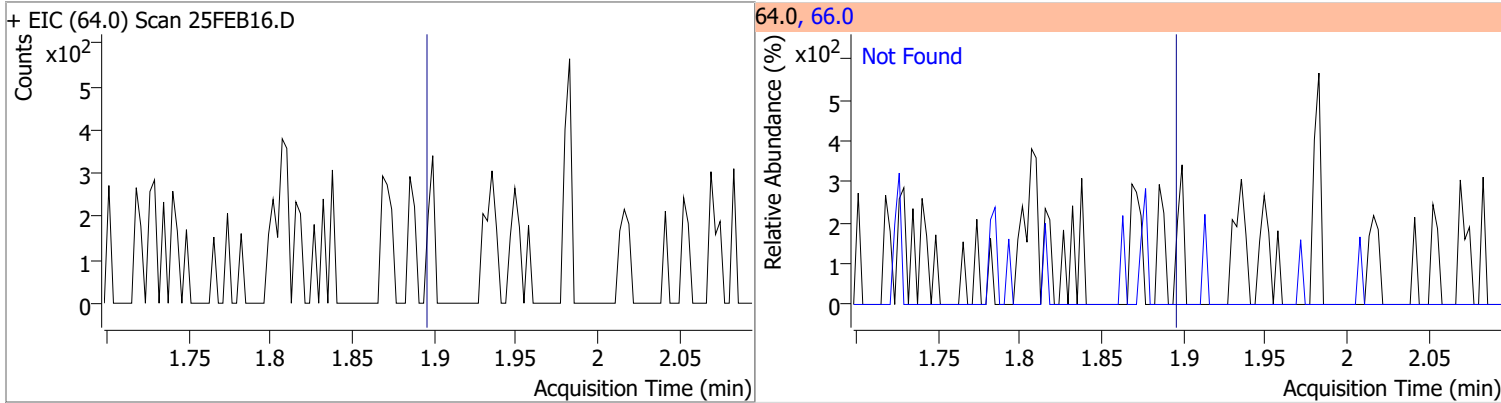
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

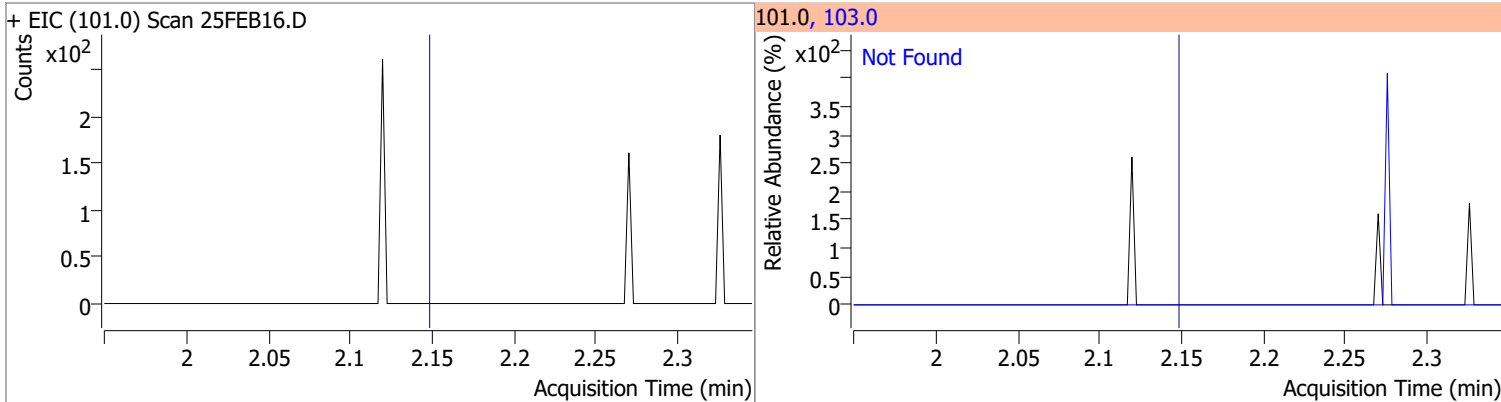
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|--|-----------|
| Dichlorodifluoromethane | N.D. | 1.24 | 87.0 | 31.8 |
| + EIC (85.0) Scan 25FEB16.D ***NO DATA POINTS*** | | | 85.0, 87.0 | |
|  | | |  | |
| Chloromethane | N.D. | 1.41 | 52.0 | 32.4 |
| + EIC (50.0) Scan 25FEB16.D | | | 50.0, 52.0 | |
|  | | |  | |
| Vinyl chloride | N.D. | 1.50 | 64.0 | 31.3 |
| + EIC (62.0) Scan 25FEB16.D | | | 62.0, 64.0 | |
|  | | |  | |
| Bromomethane | N.D. | 1.80 | 94.0 | 110.1 |
| + EIC (96.0) Scan 25FEB16.D | | | 96.0, 94.0 | |
|  | | |  | |

Quantitation Results Report (QT Reviewed)

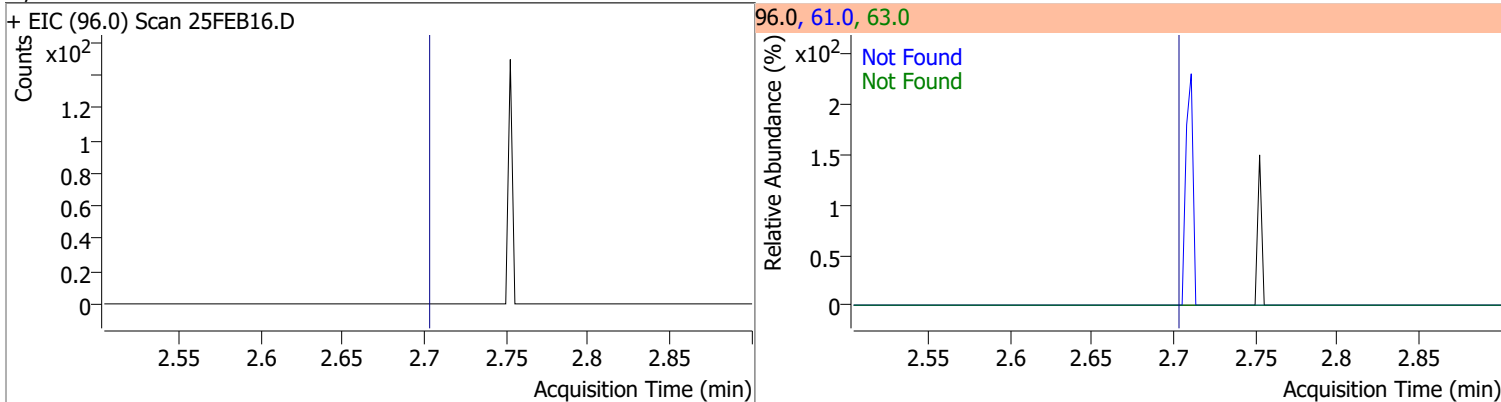
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------|-------|--------|------|-----------|
| Chloroethane | N.D. | 1.90 | 66.0 | 30.0 |



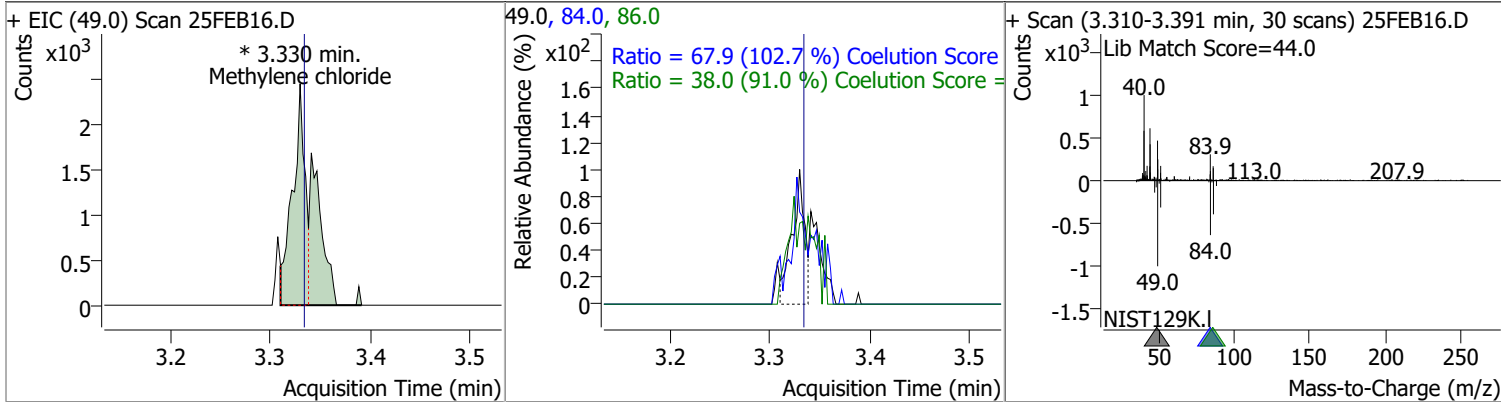
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|------------------------|-------|--------|-------|-----------|
| Trichlorofluoromethane | N.D. | 2.15 | 103.0 | 65.0 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethene | N.D. | 2.70 | 61.0 | 179.9 | 63.0 | 57.0 |

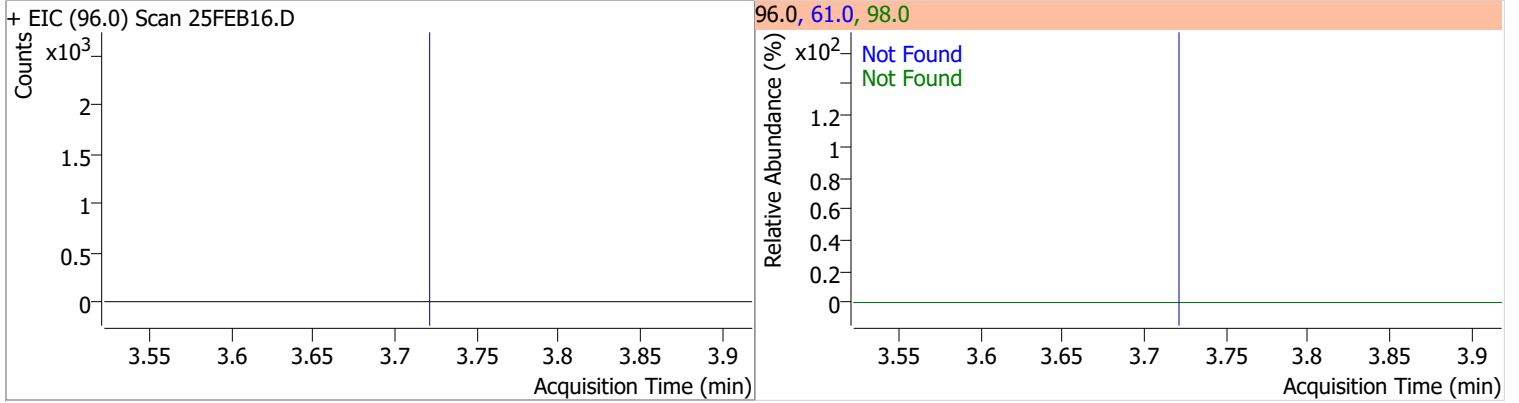


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|--------|------|----------|----------|------|--------|-------|-------|
| Methylene chloride | 2.3858 | 3.33 | 0.00 | 3488 (m) | 84.0 | 67.9 | 36.1 | 96.1 |
| | | | | | 86.0 | 38.0 | 11.8 | 71.8 |

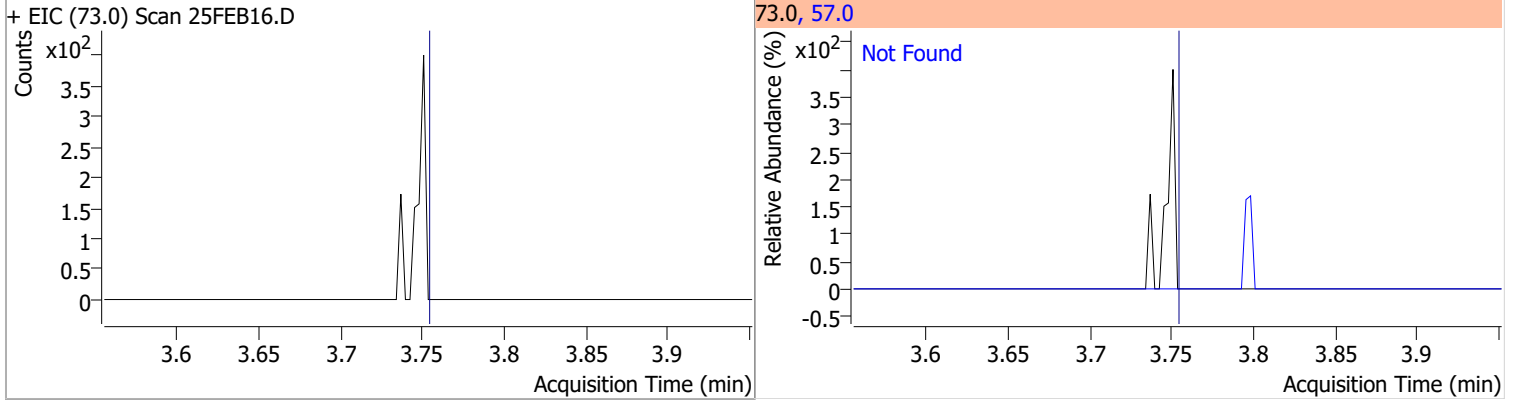


Quantitation Results Report (QT Reviewed)

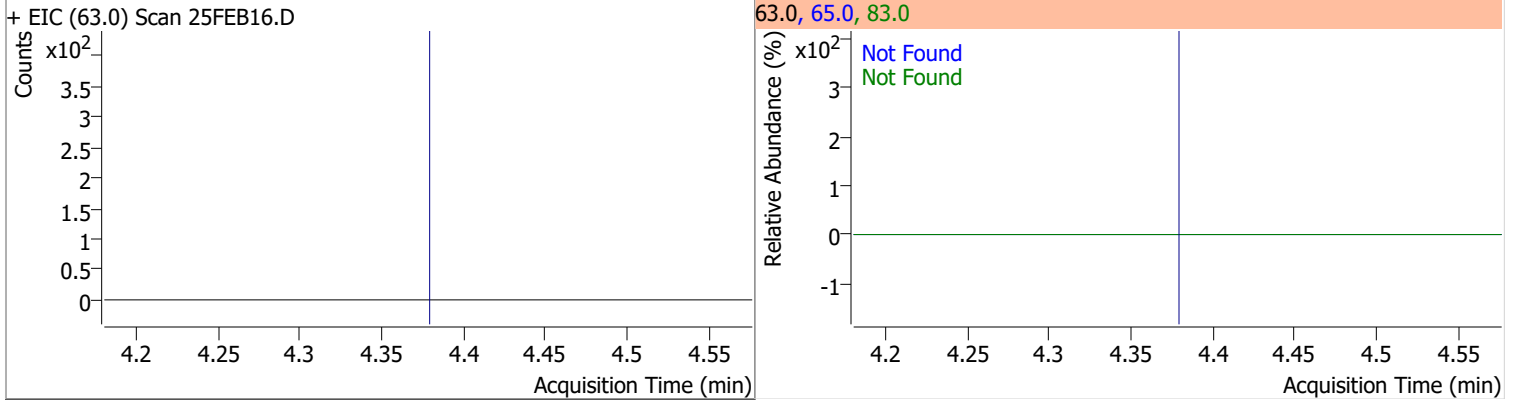
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,2-Dichloroethene | N.D. | 3.72 | 61.0 | 154.8 | 98.0 | 62.1 |



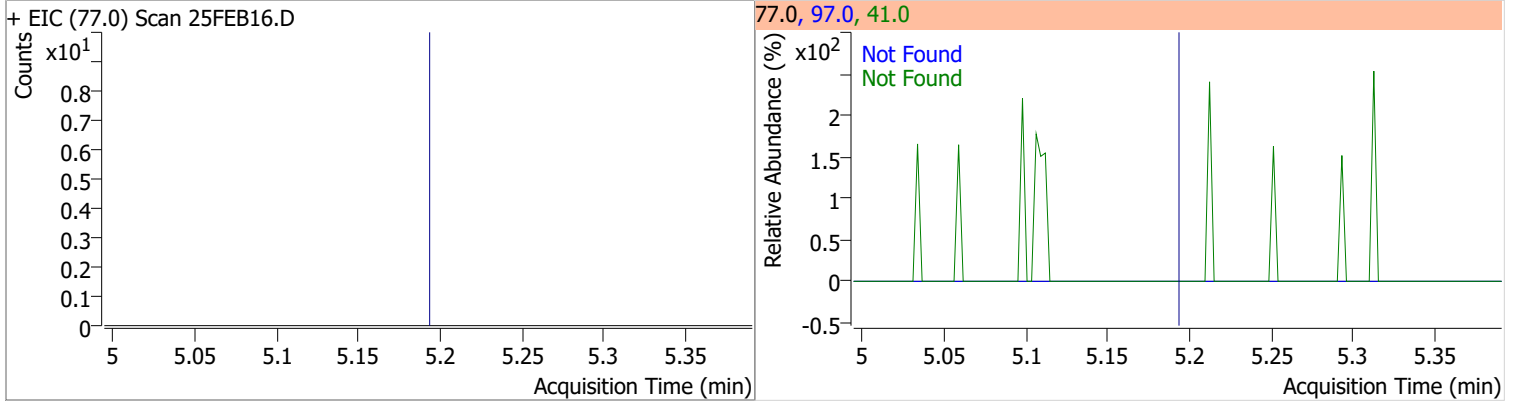
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------------------|-------|--------|------|-----------|
| Methyl tert-butyl ether (MTBE) | N.D. | 3.75 | 57.0 | 24.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,1-Dichloroethane | N.D. | 4.38 | 65.0 | 31.0 | 83.0 | 12.7 |

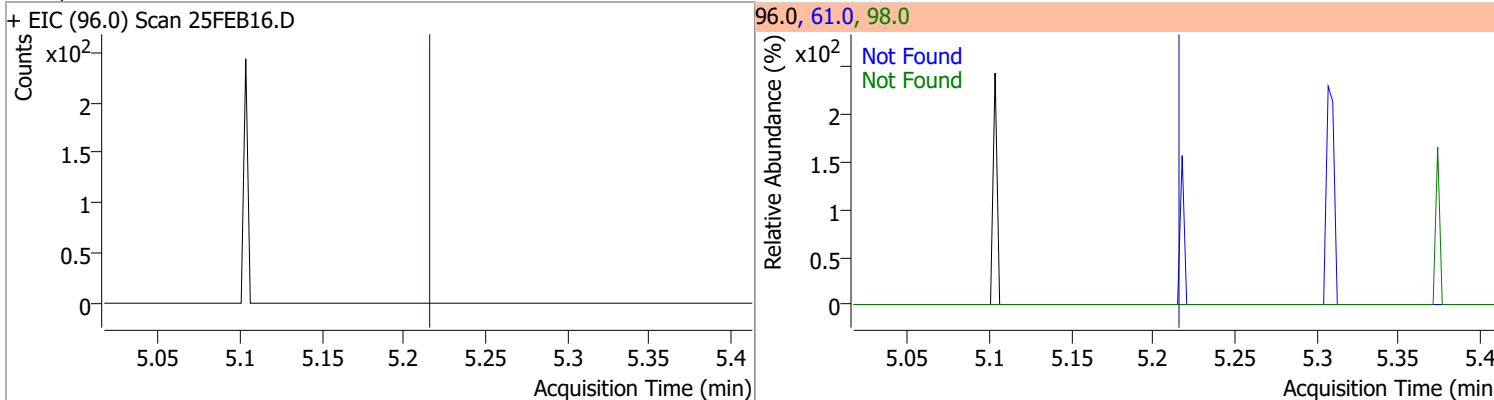


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|------|-----------|
| 2,2-Dichloropropane | N.D. | 5.19 | 41.0 | 68.8 | 97.0 | 23.9 |

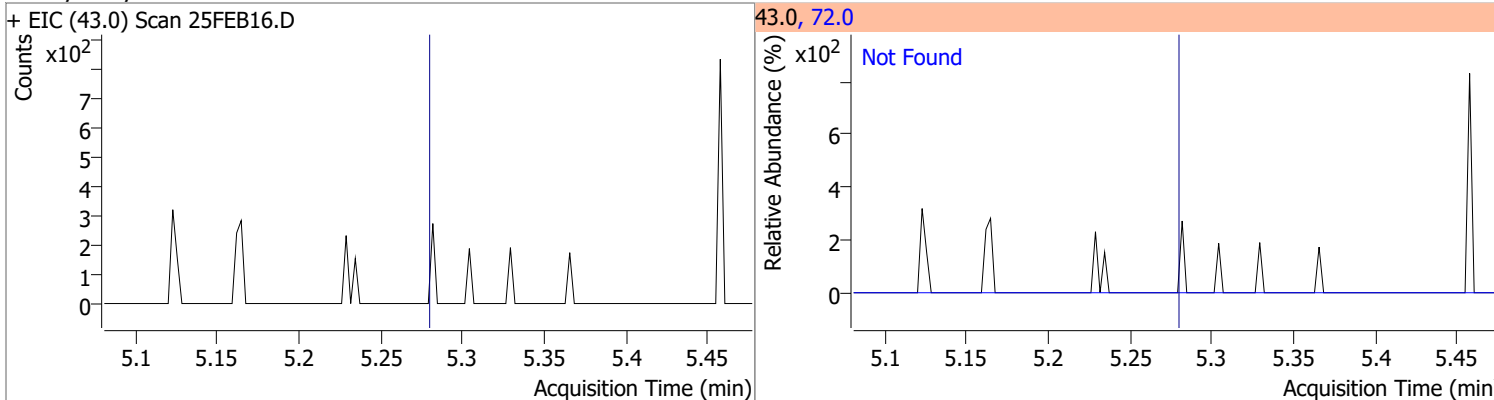


Quantitation Results Report (QT Reviewed)

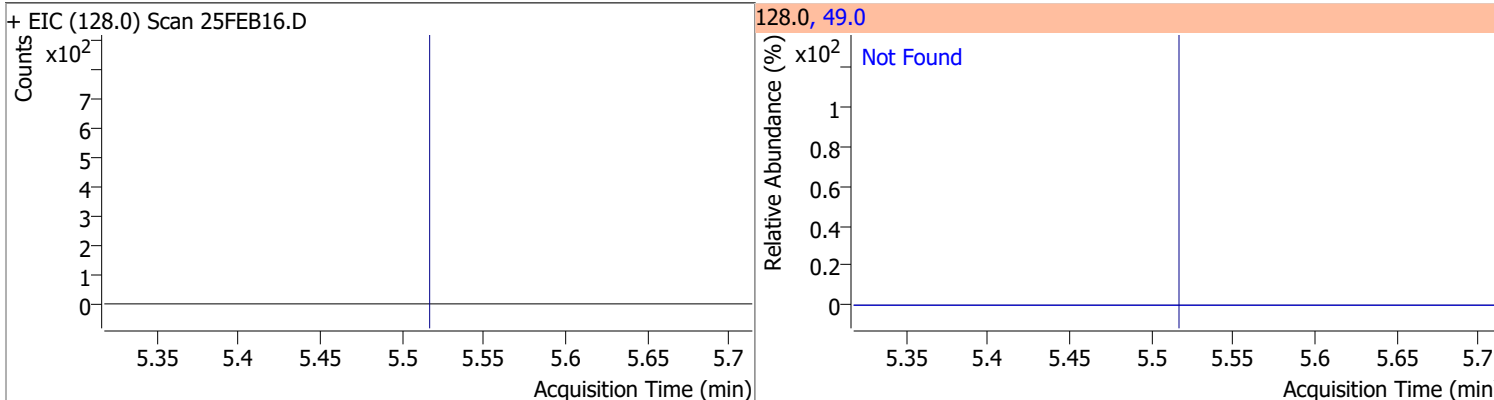
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|------------------------|-------|--------|------|-----------|------|-----------|
| cis-1,2-Dichloroethene | N.D. | 5.21 | 61.0 | 160.4 | 98.0 | 66.2 |



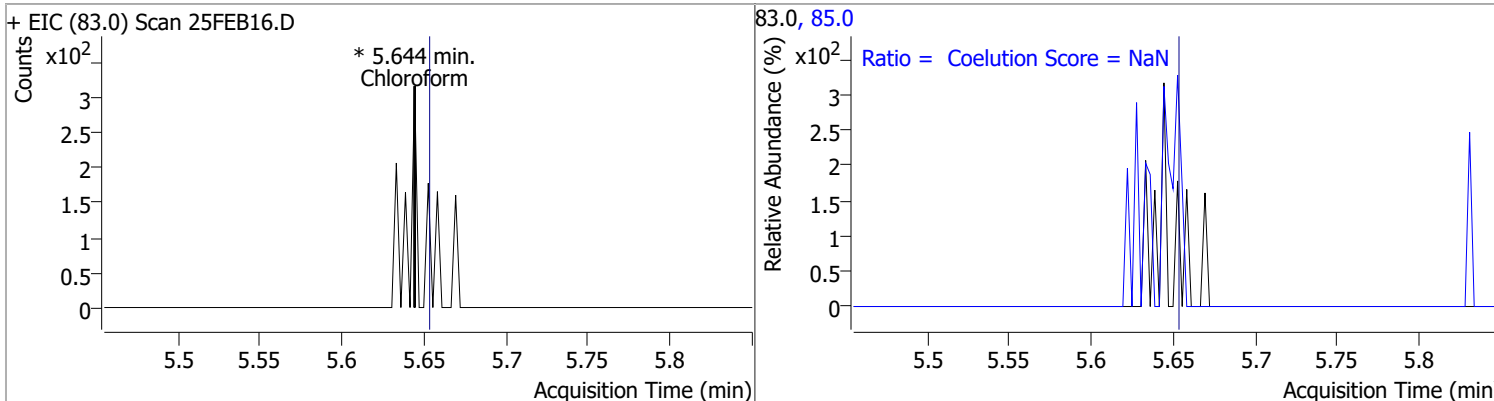
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| Methyl ethyl ketone | N.D. | 5.28 | 72.0 | 20.6 |



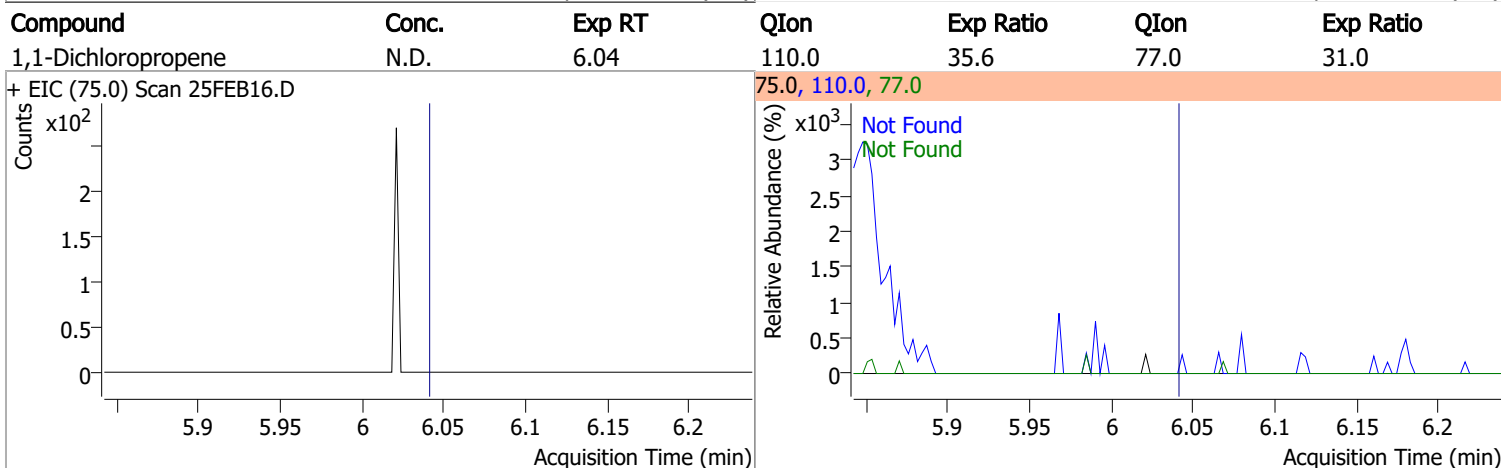
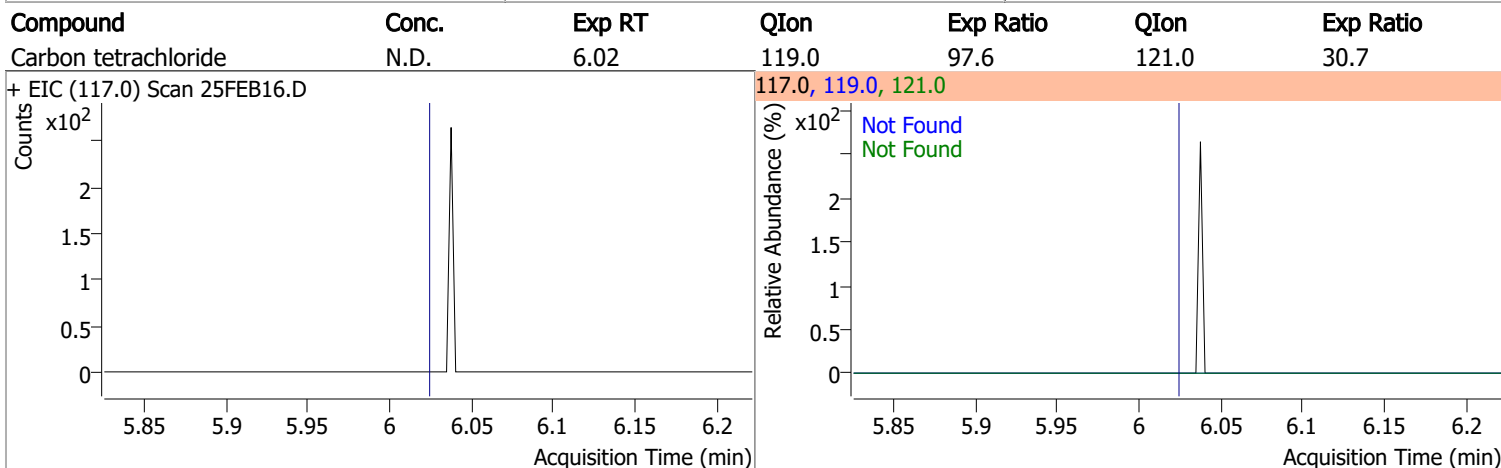
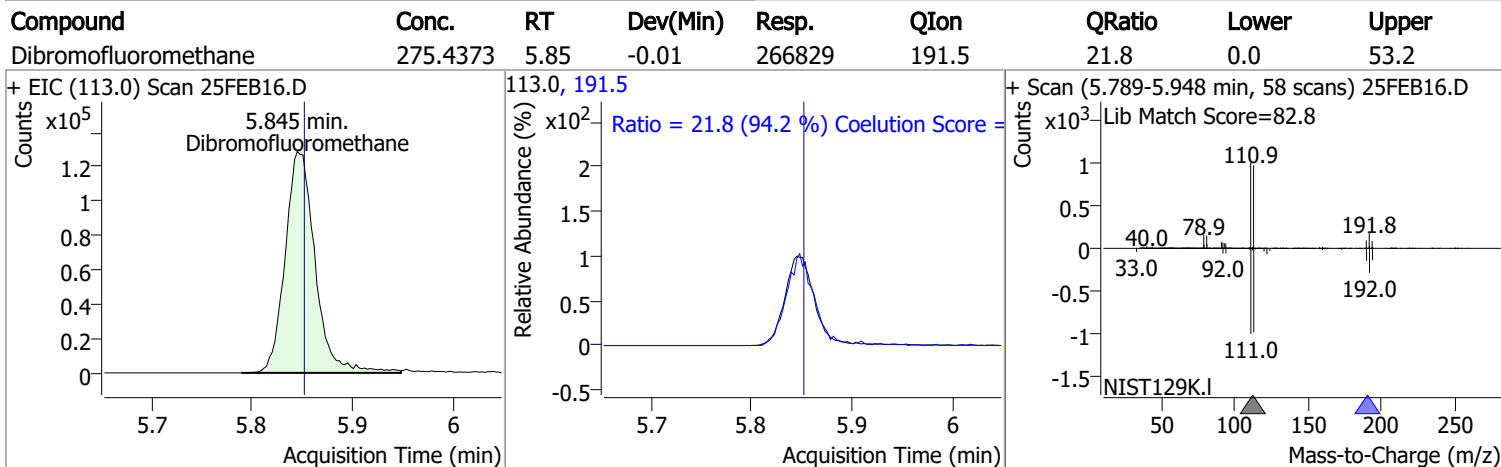
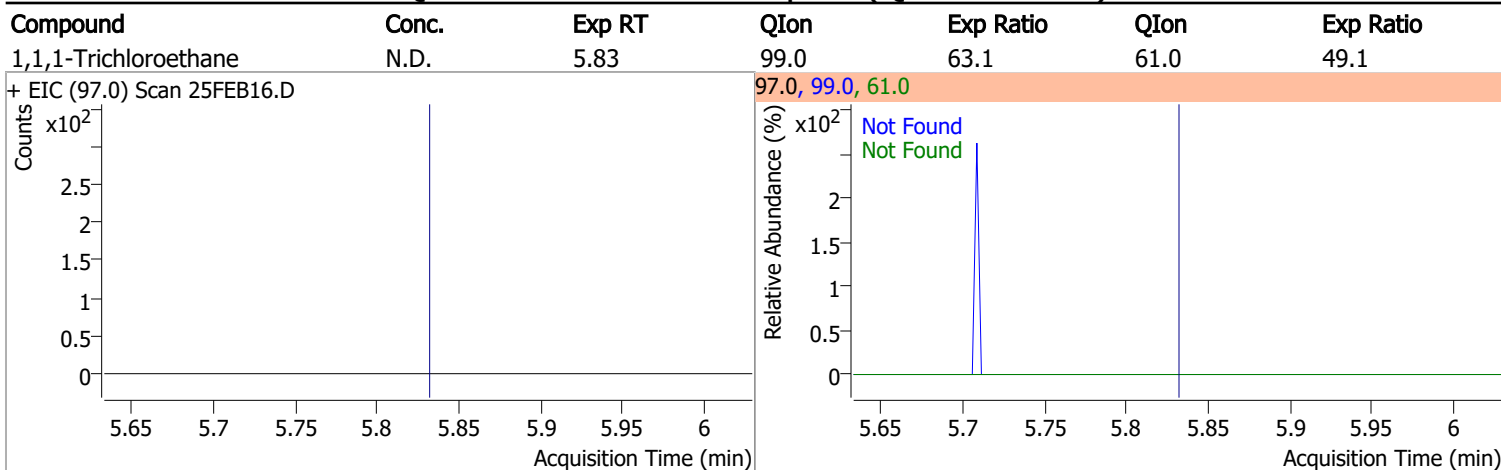
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|
| Bromochloromethane | N.D. | 5.52 | 49.0 | 182.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|-------|----|----------|-------|------|--------|-------|-------|
| Chloroform | | 0 | | 0 | 85.0 | | 36.2 | 96.2 |

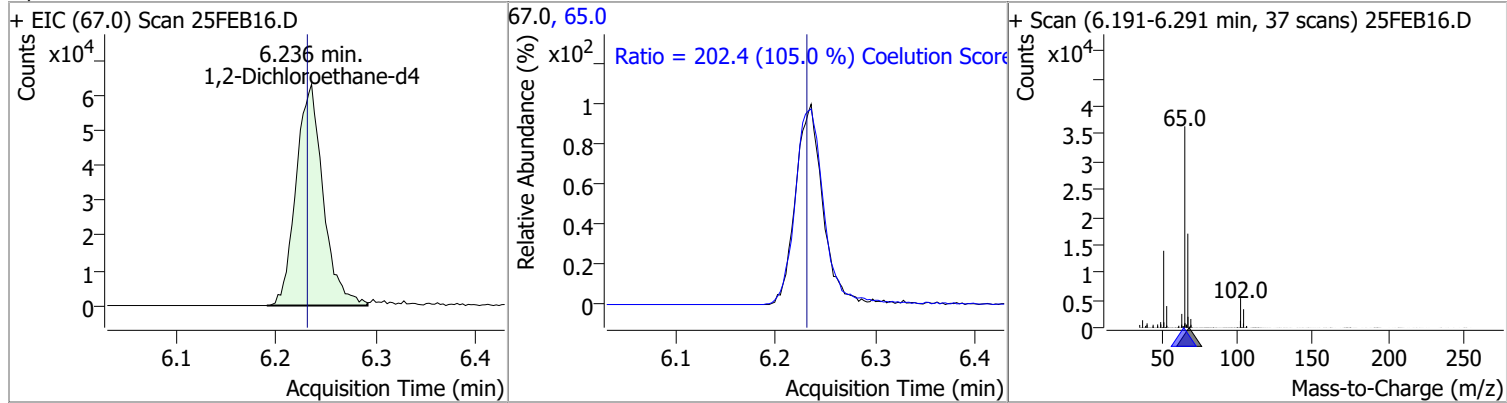


Quantitation Results Report (QT Reviewed)

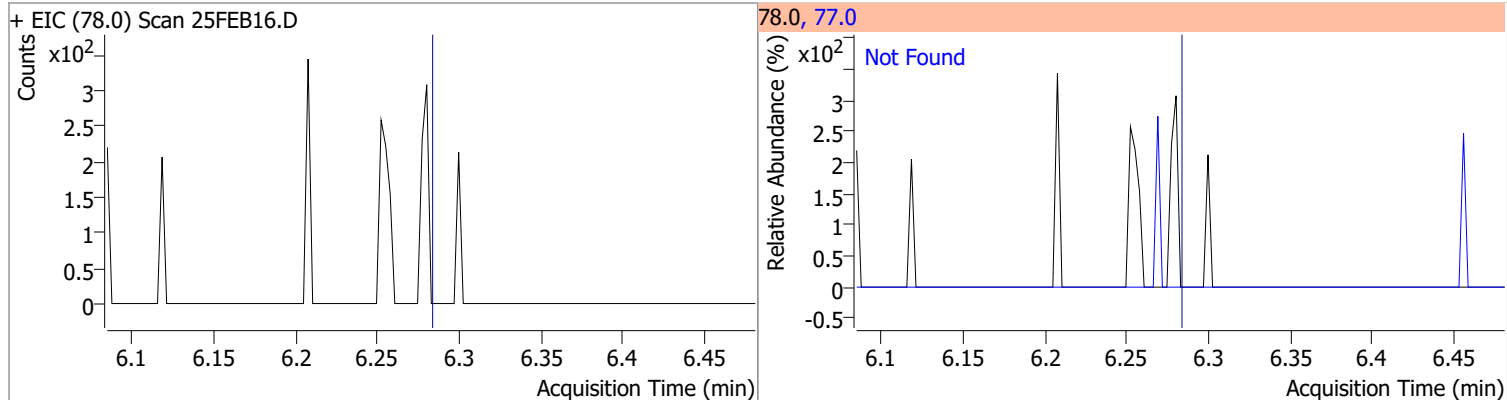


Quantitation Results Report (QT Reviewed)

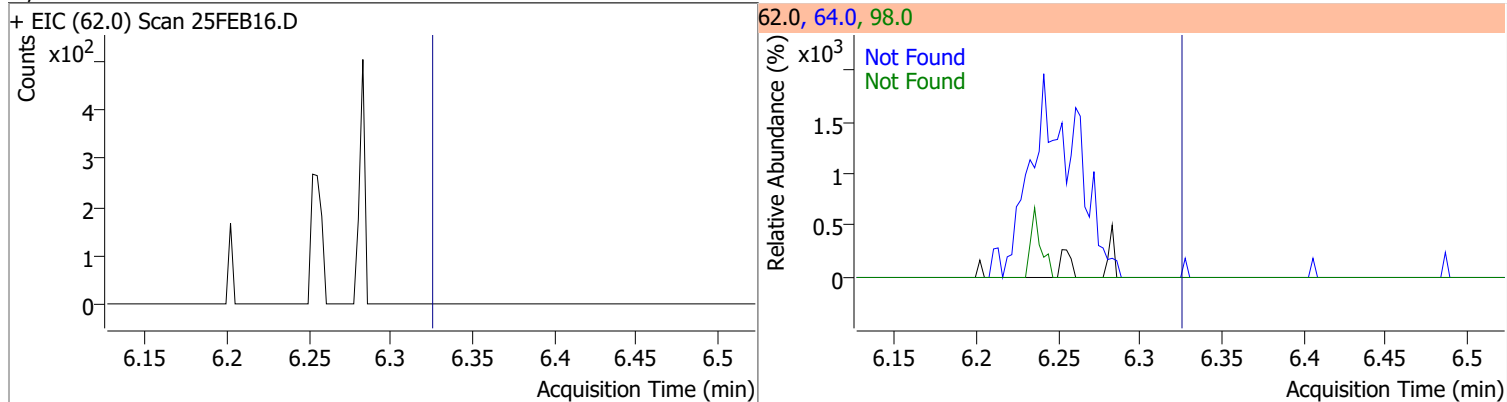
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 283.3682 | 6.24 | 0.01 | 118582 | 65.0 | 202.4 | 162.8 | 222.8 |



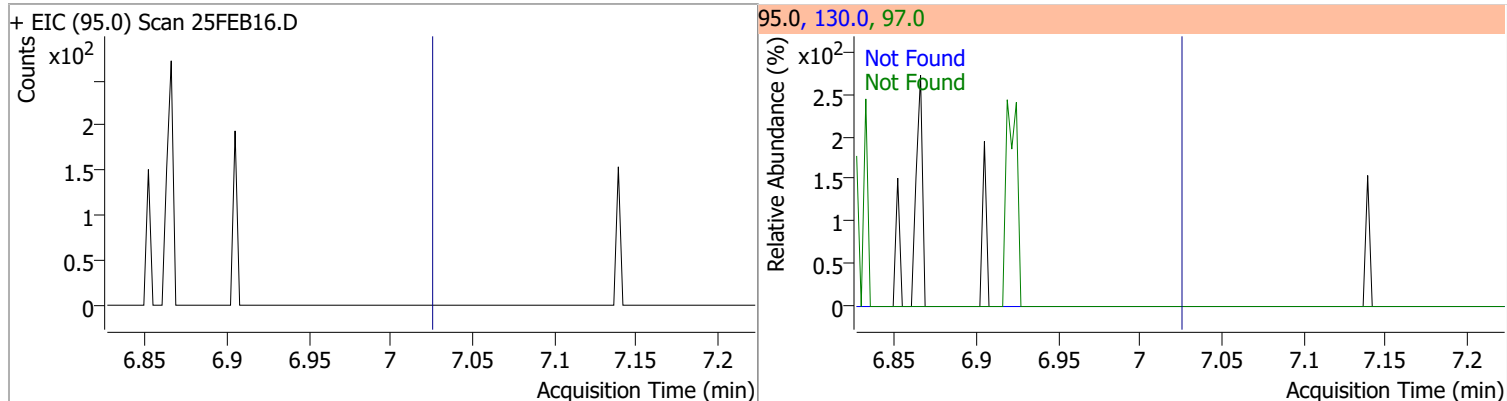
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Benzene | N.D. | 6.28 | 77.0 | 23.3 |



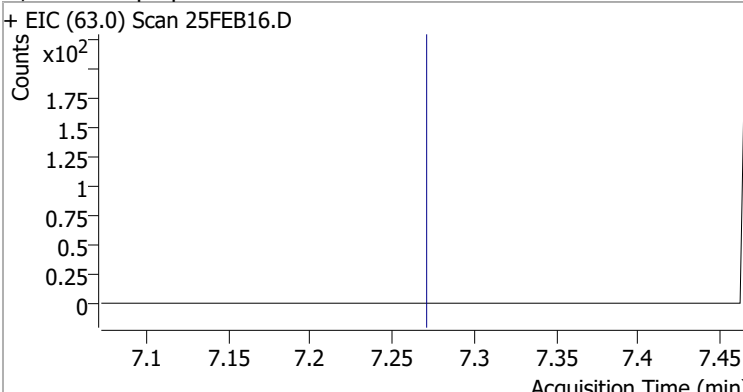
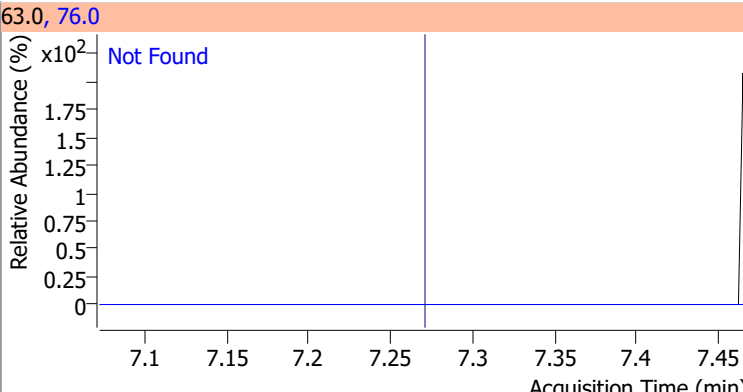
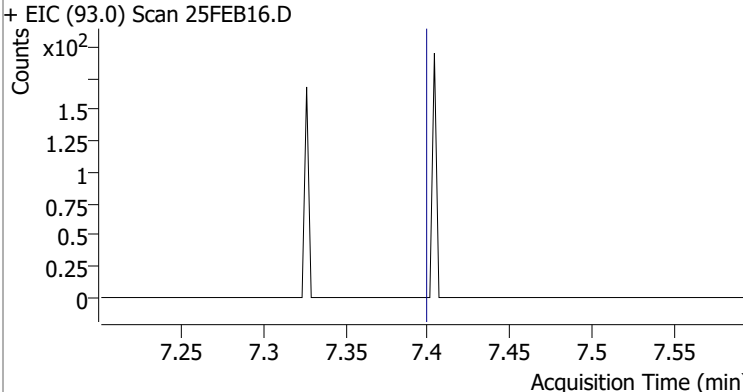
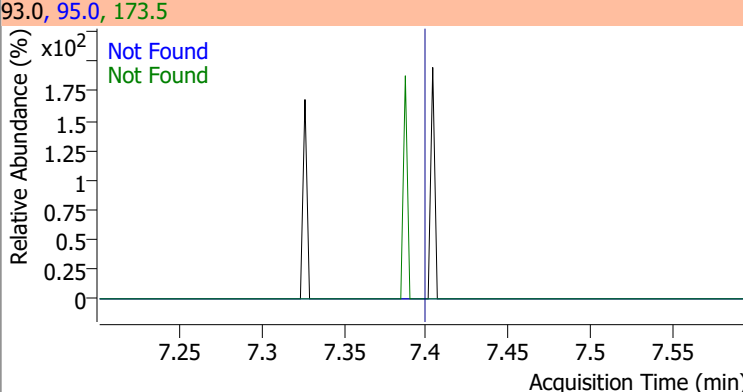
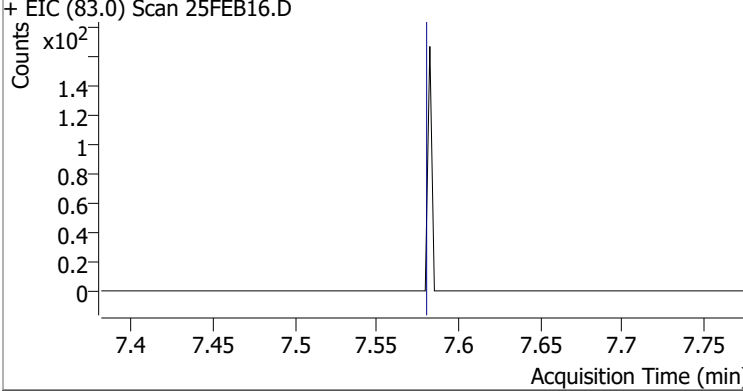
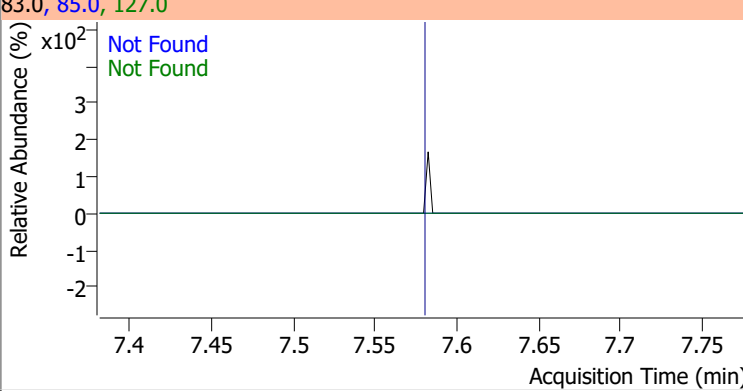
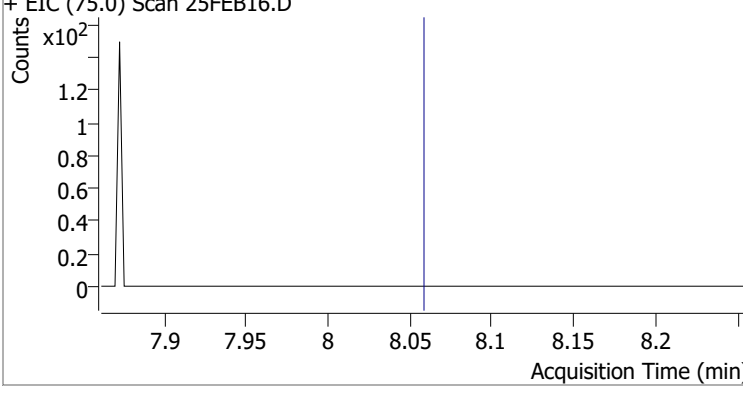
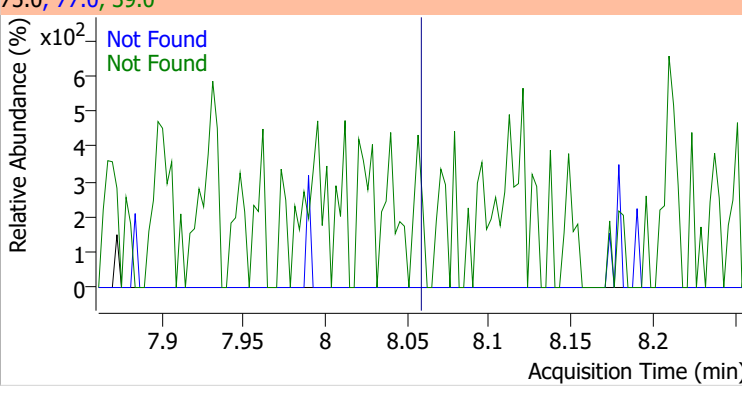
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--------------------|-------|--------|------|-----------|------|-----------|
| 1,2-Dichloroethane | N.D. | 6.32 | 64.0 | 32.2 | 98.0 | 8.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------|-------|--------|-------|-----------|------|-----------|
| Trichloroethene | N.D. | 7.02 | 130.0 | 105.6 | 97.0 | 65.7 |

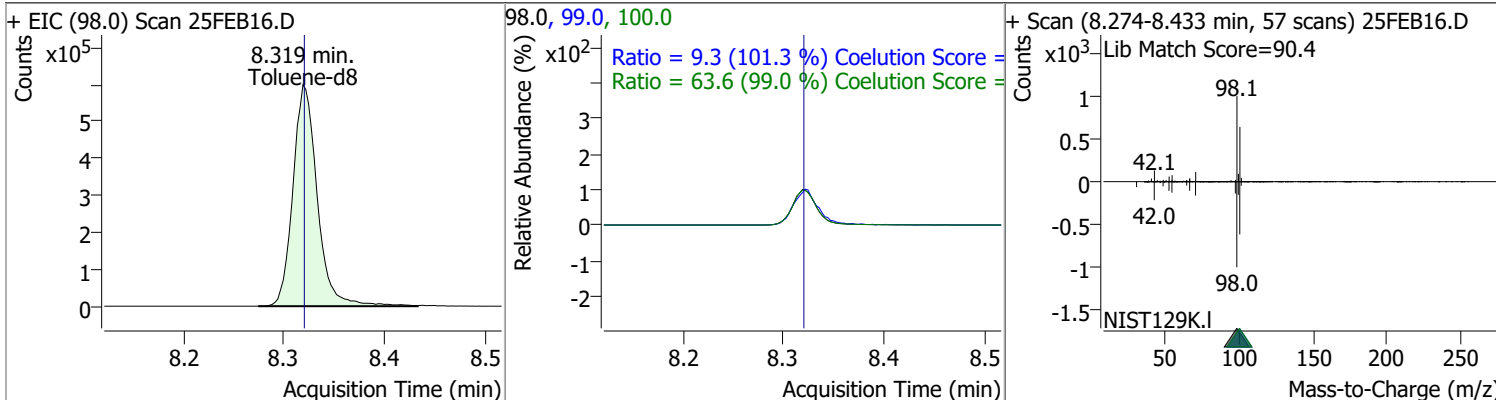


Quantitation Results Report (QT Reviewed)

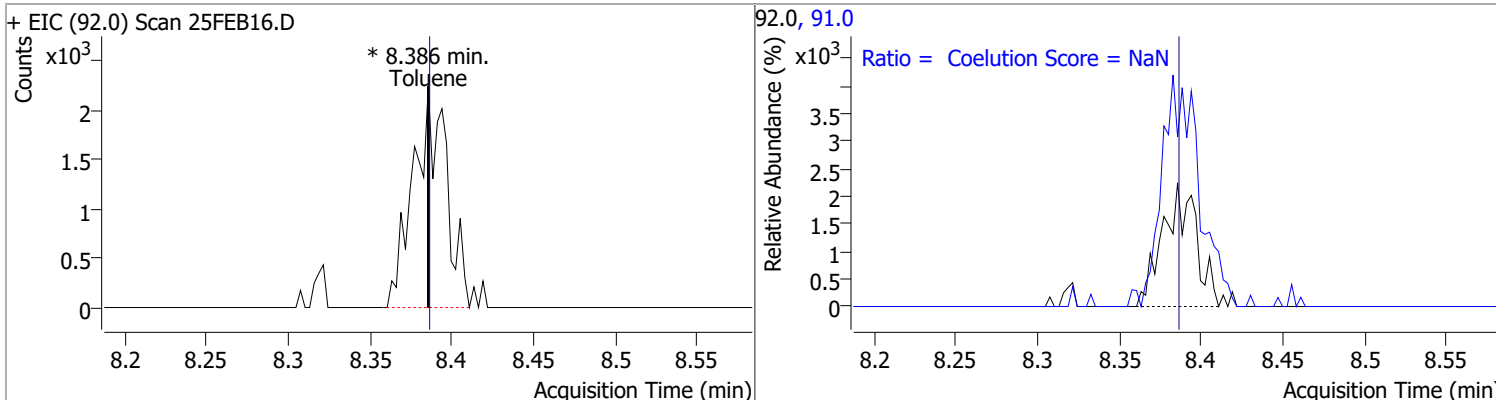
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| 1,2-Dichloropropane | N.D. | 7.27 | 76.0 | 39.8 | | |
| + EIC (63.0) Scan 25FEB16.D | | | 63.0, 76.0 | | | |
|  | | |  | | | |
| Dibromomethane | N.D. | 7.40 | 173.5 | 108.2 | 95.0 | 84.5 |
| + EIC (93.0) Scan 25FEB16.D | | | 93.0, 95.0, 173.5 | | | |
|  | | |  | | | |
| Bromodichloromethane | N.D. | 7.58 | 85.0 | 66.3 | 127.0 | 9.5 |
| + EIC (83.0) Scan 25FEB16.D | | | 83.0, 85.0, 127.0 | | | |
|  | | |  | | | |
| cis-1,3-Dichloropropene | N.D. | 8.06 | 39.0 | 52.5 | 77.0 | 31.8 |
| + EIC (75.0) Scan 25FEB16.D | | | 75.0, 77.0, 39.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

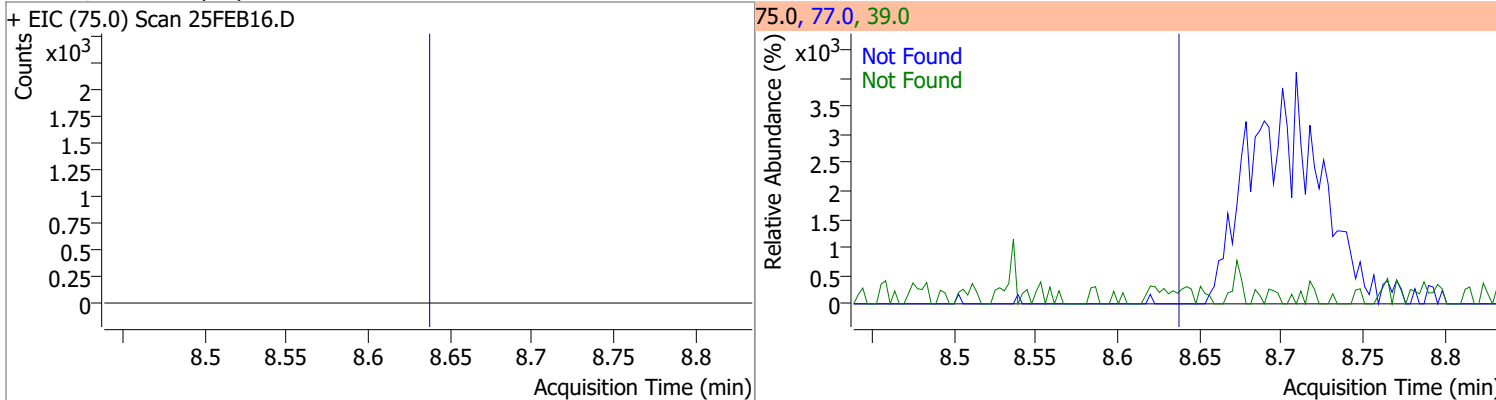
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 262.8805 | 8.32 | 0.00 | 1008016 | 100.0 | 63.6 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.3 | 0.0 | 39.2 |



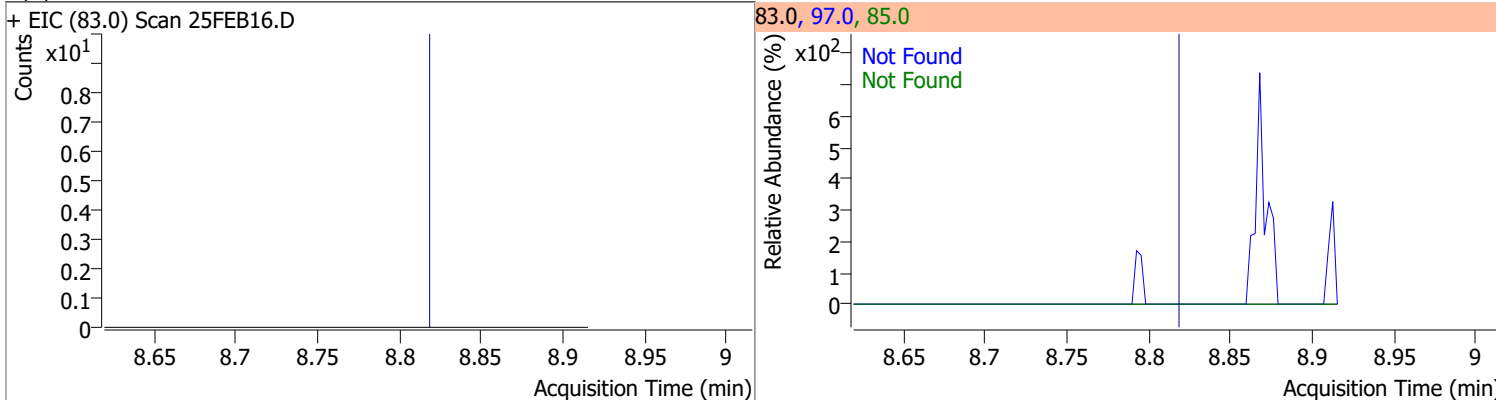
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|-------|----|----------|-------|------|--------|-------|-------|
| Toluene | 0 | 0 | 0 | 0 | 91.0 | | 144.1 | 204.1 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---------------------------|-------|--------|------|-----------|------|-----------|
| trans-1,3-Dichloropropene | N.D. | 8.64 | 39.0 | 53.0 | 77.0 | 31.0 |

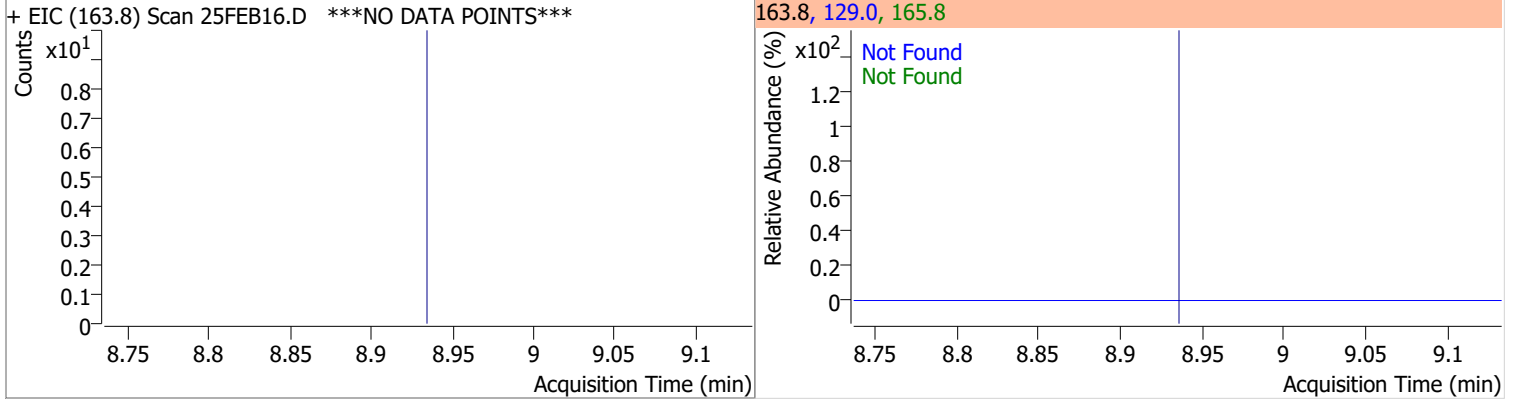


| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------------------|-------|--------|------|-----------|------|-----------|
| 1,1,2-Trichloroethane | N.D. | 8.82 | 97.0 | 110.7 | 85.0 | 60.7 |

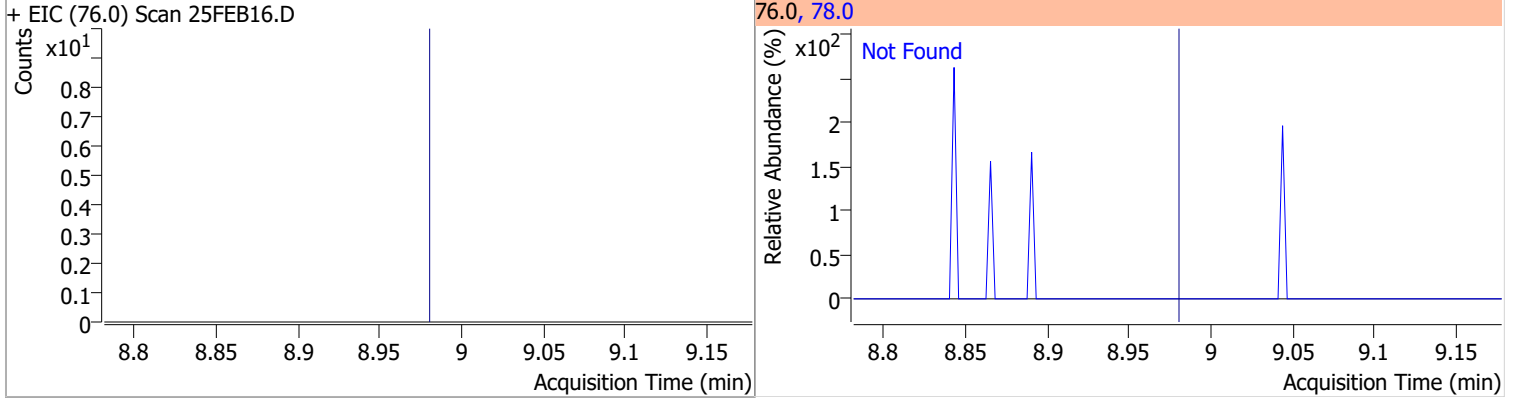


Quantitation Results Report (QT Reviewed)

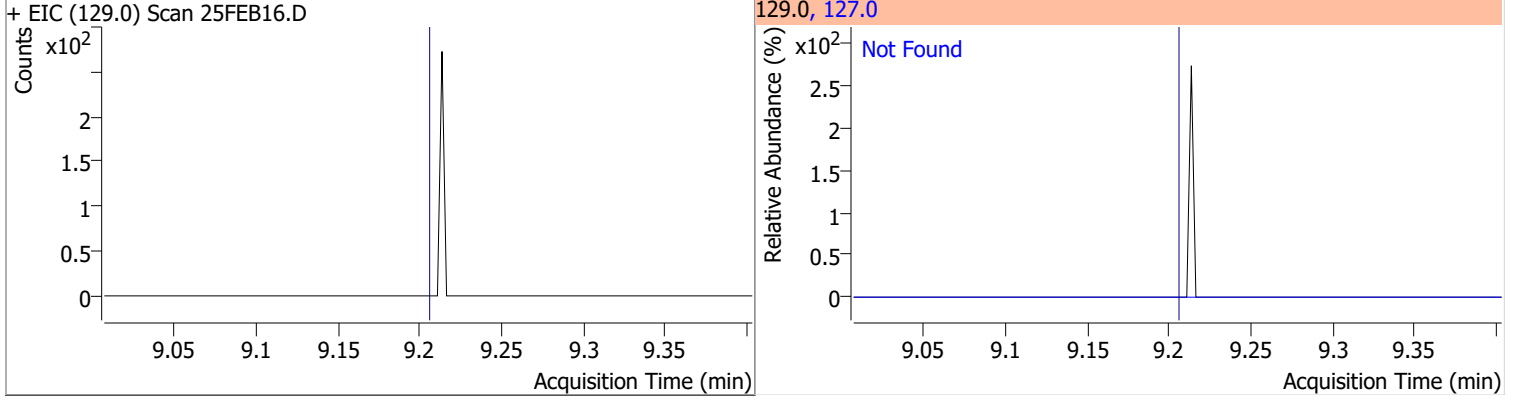
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|-------|-----------|
| Tetrachloroethene | N.D. | 8.94 | 165.8 | 126.1 | 129.0 | 90.5 |



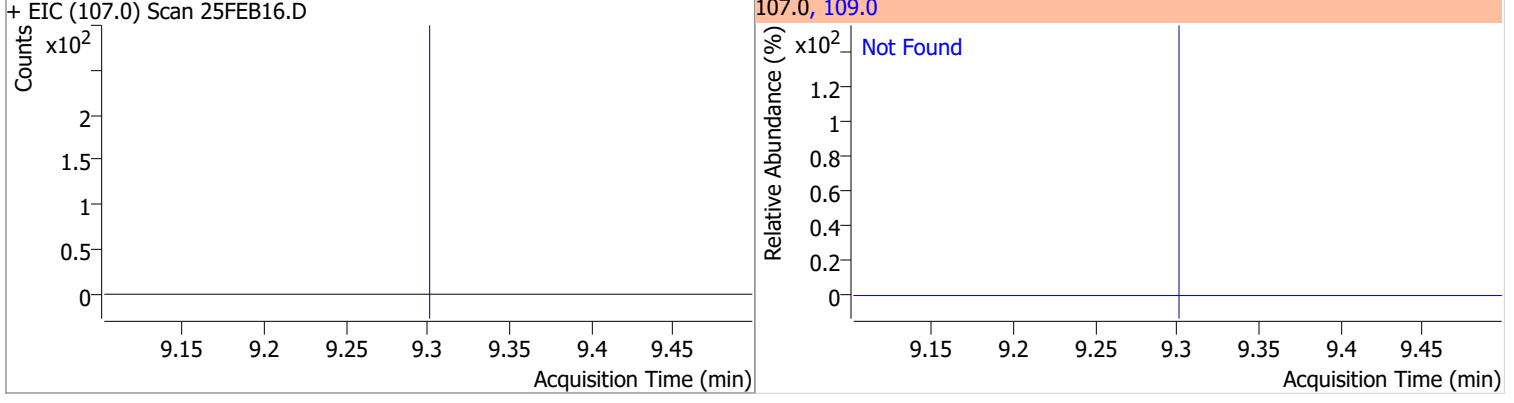
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---------------------|-------|--------|------|-----------|
| 1,3-Dichloropropane | N.D. | 8.98 | 78.0 | 32.4 |



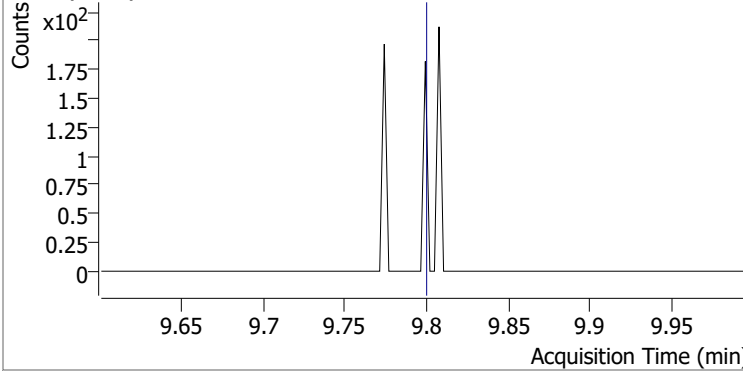
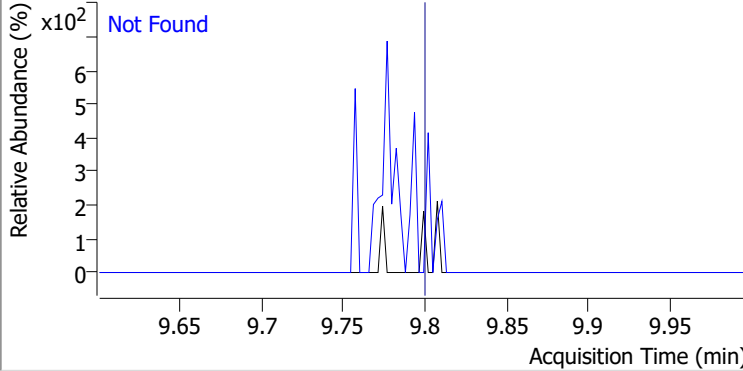
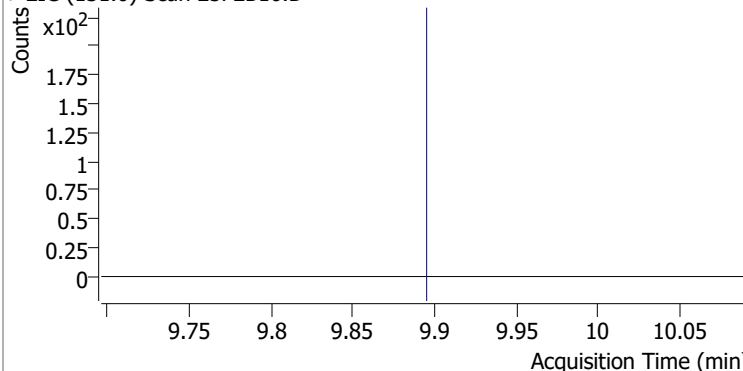
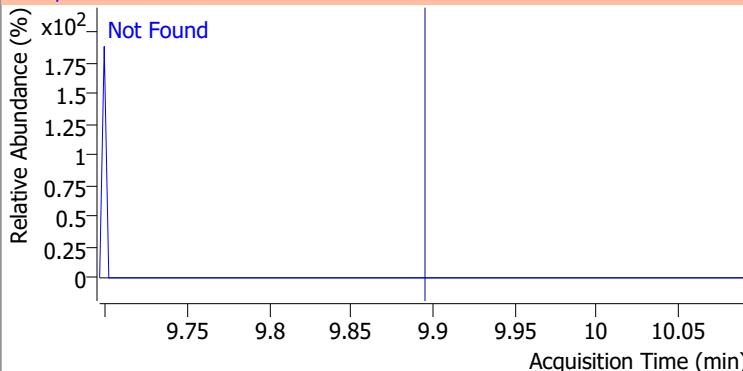
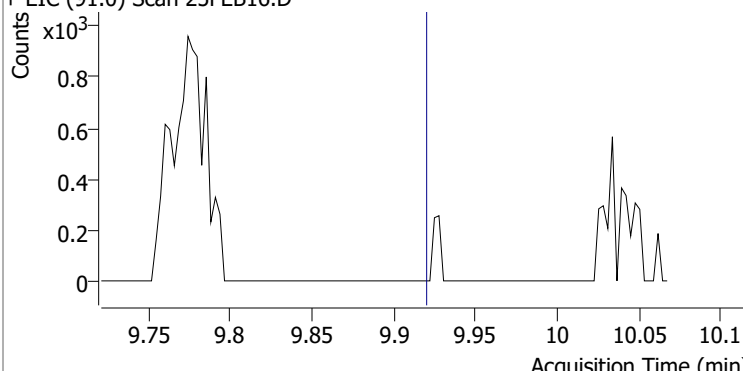
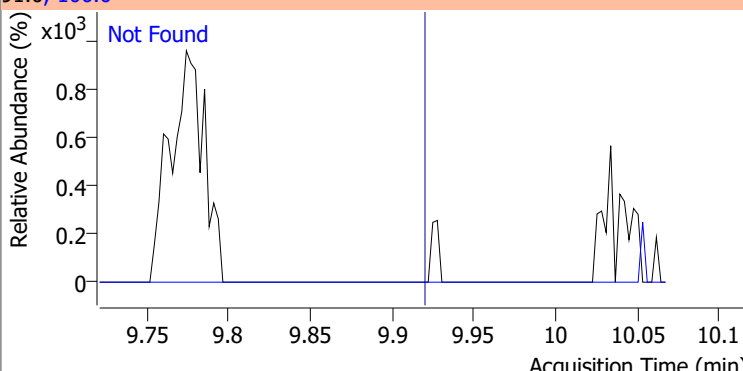
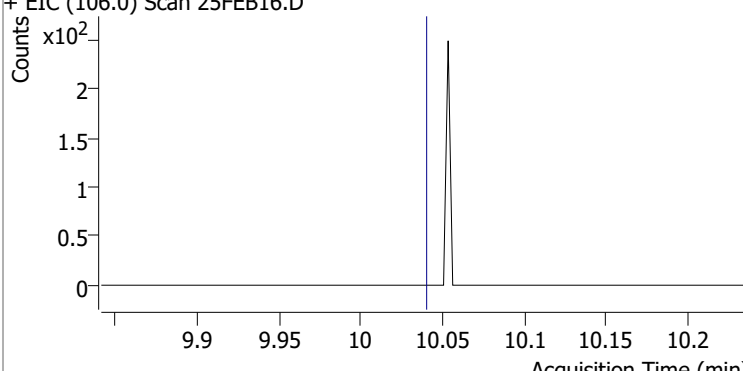
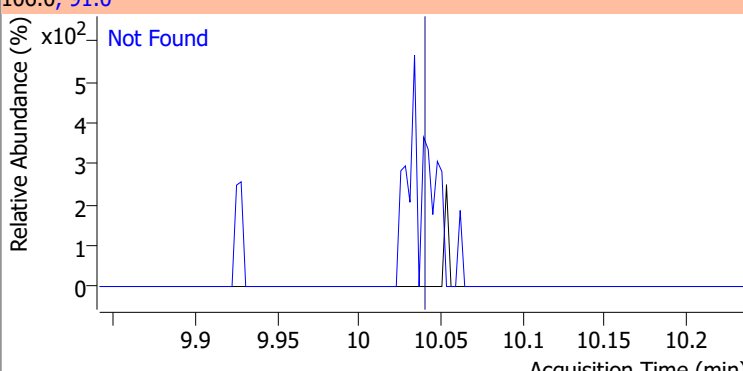
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------------------|-------|--------|-------|-----------|
| Chlorodibromomethane | N.D. | 9.21 | 127.0 | 77.2 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|-------------------|-------|--------|-------|-----------|
| 1,2-Dibromoethane | N.D. | 9.30 | 109.0 | 91.5 |

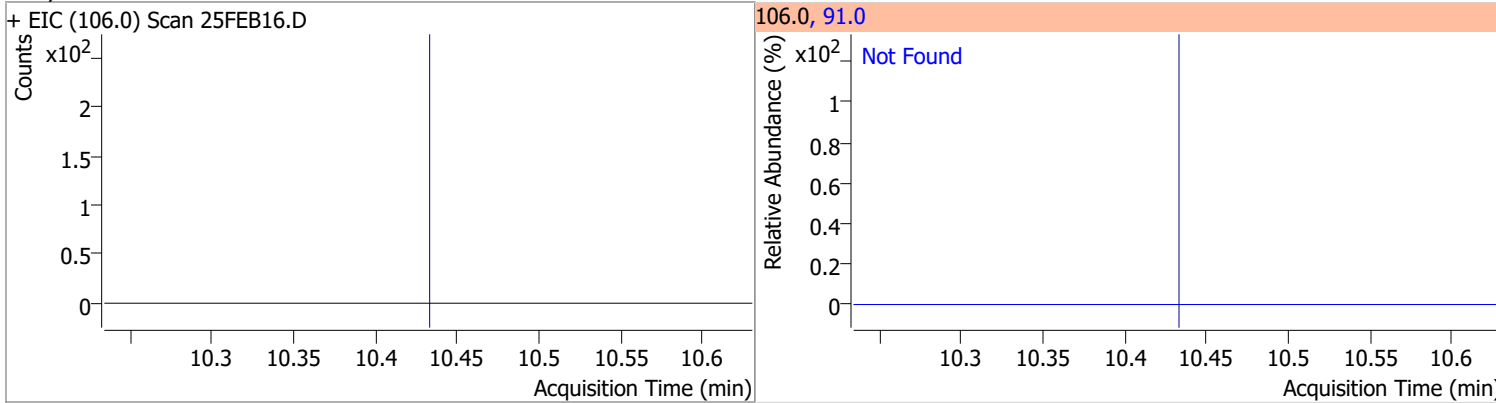


Quantitation Results Report (QT Reviewed)

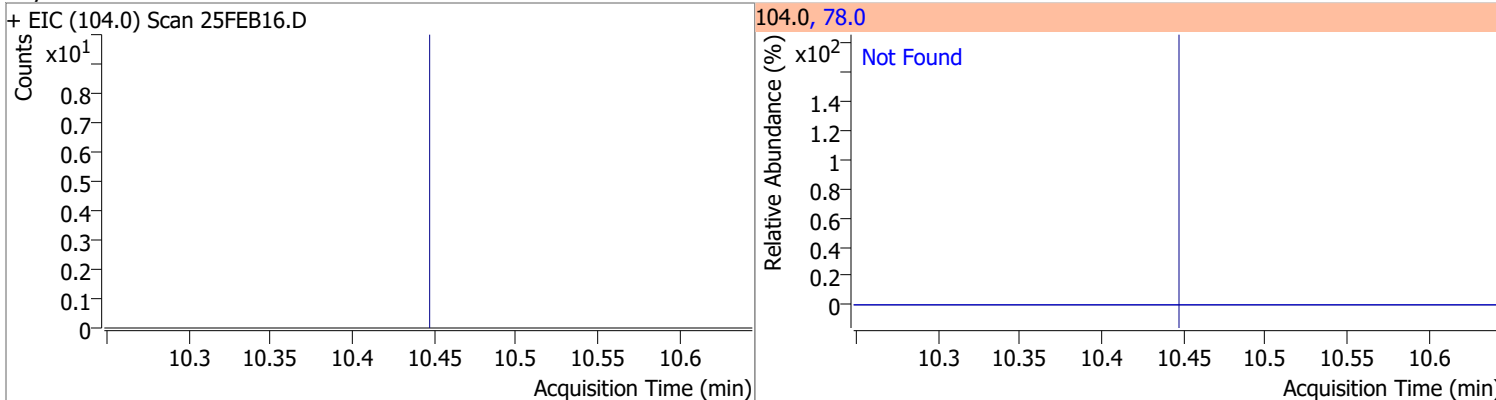
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|--|-------|--------|---|-----------|
| Chlorobenzene | N.D. | 9.80 | 114.0 | 32.2 |
| + EIC (112.0) Scan 25FEB16.D  | | | 112.0, 114.0  | |
| 1,1,1,2-Tetrachloroethane | N.D. | 9.89 | 133.0 | 95.3 |
| + EIC (131.0) Scan 25FEB16.D  | | | 131.0, 133.0  | |
| Ethylbenzene | N.D. | 9.92 | 106.0 | 31.7 |
| + EIC (91.0) Scan 25FEB16.D  | | | 91.0, 106.0  | |
| m+p-Xylenes | N.D. | 10.04 | 91.0 | 200.7 |
| + EIC (106.0) Scan 25FEB16.D  | | | 106.0, 91.0  | |

Quantitation Results Report (QT Reviewed)

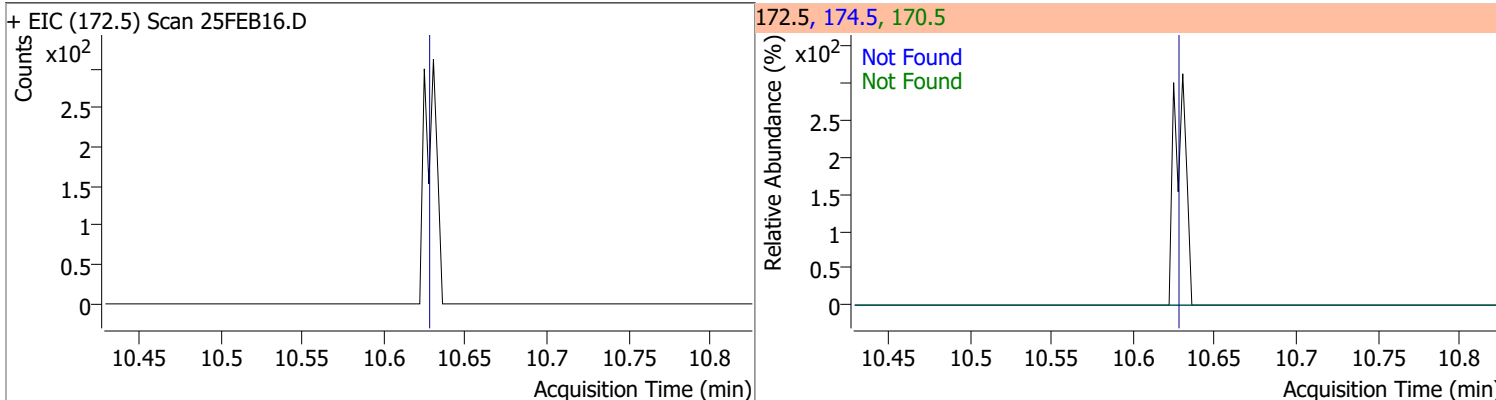
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| o-Xylene | N.D. | 10.43 | 91.0 | 211.4 |



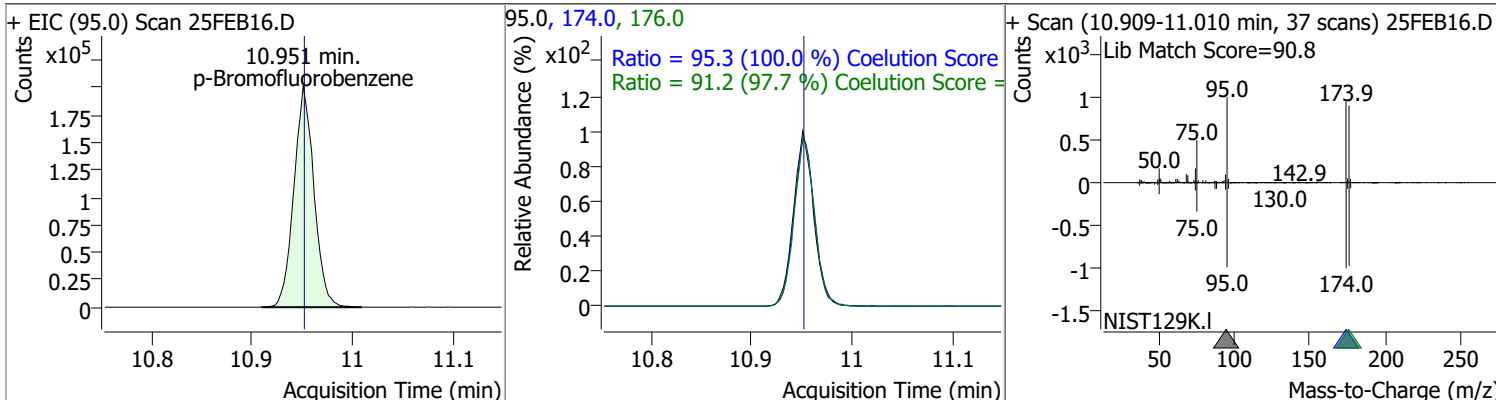
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|----------|-------|--------|------|-----------|
| Styrene | N.D. | 10.45 | 78.0 | 50.6 |



| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|-----------|-------|--------|-------|-----------|-------|-----------|
| Bromoform | N.D. | 10.62 | 170.5 | 50.3 | 174.5 | 48.1 |



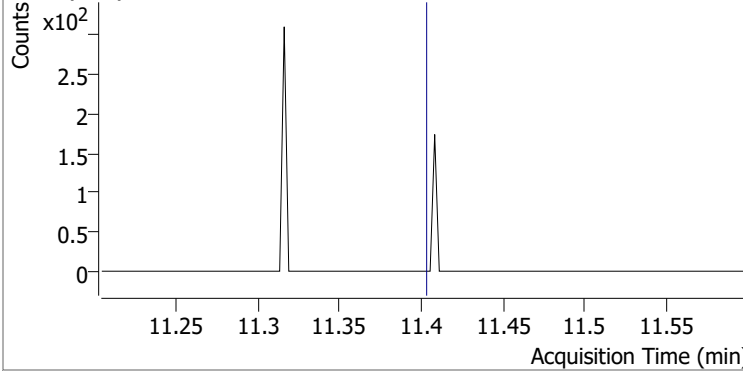
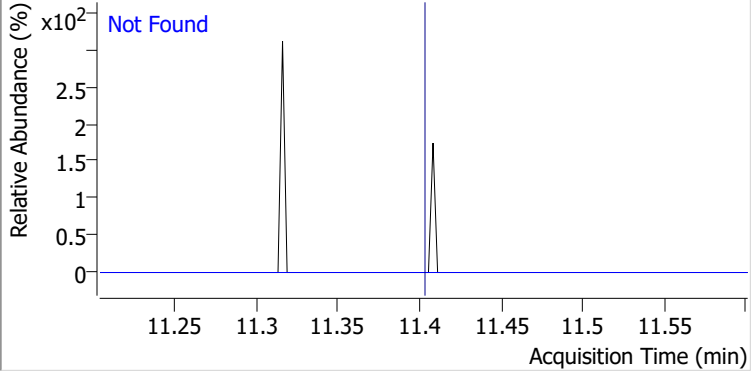
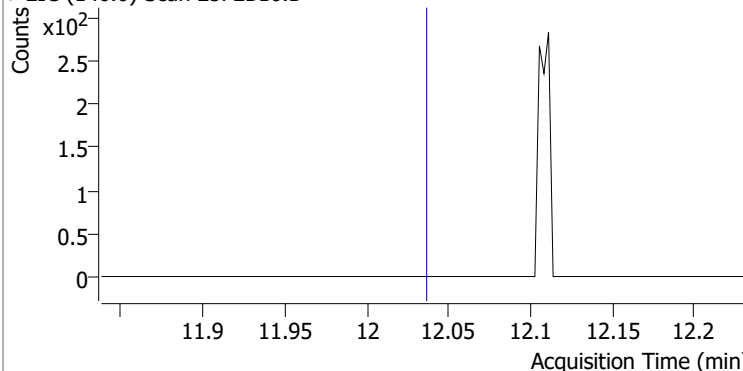
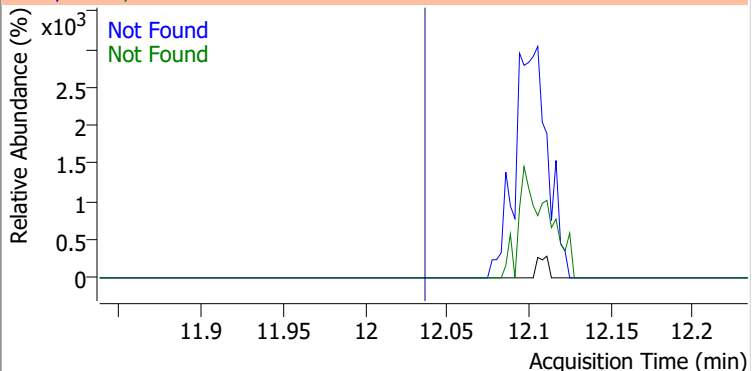
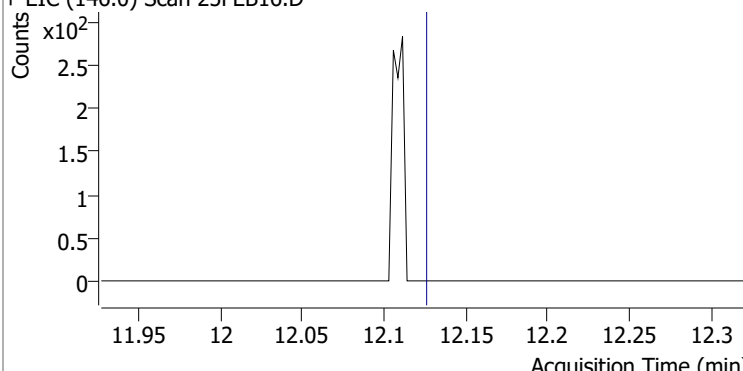
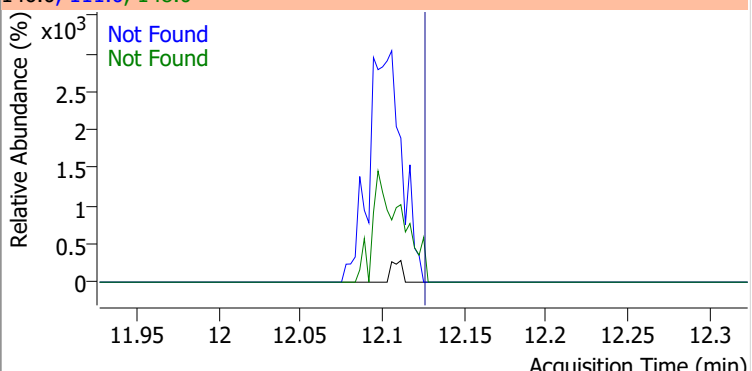
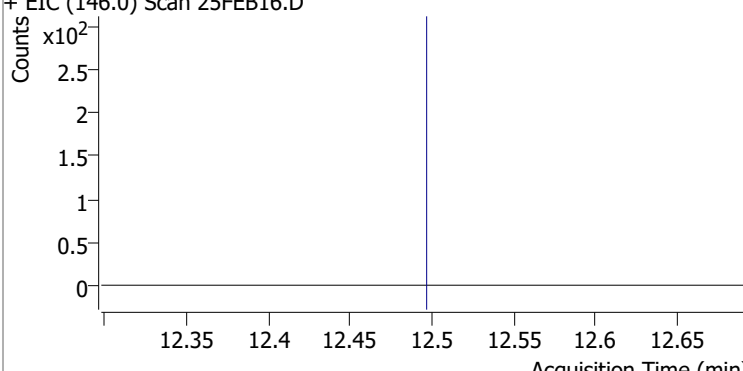
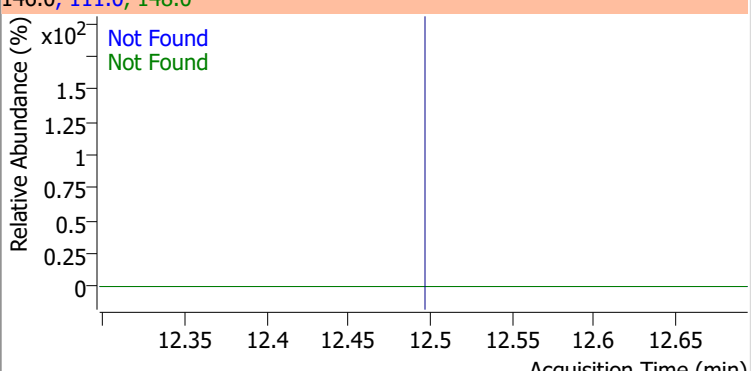
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 265.1917 | 10.95 | 0.00 | 280257 | 174.0 | 95.3 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.2 | 63.3 | 123.3 |



Quantitation Results Report (QT Reviewed)

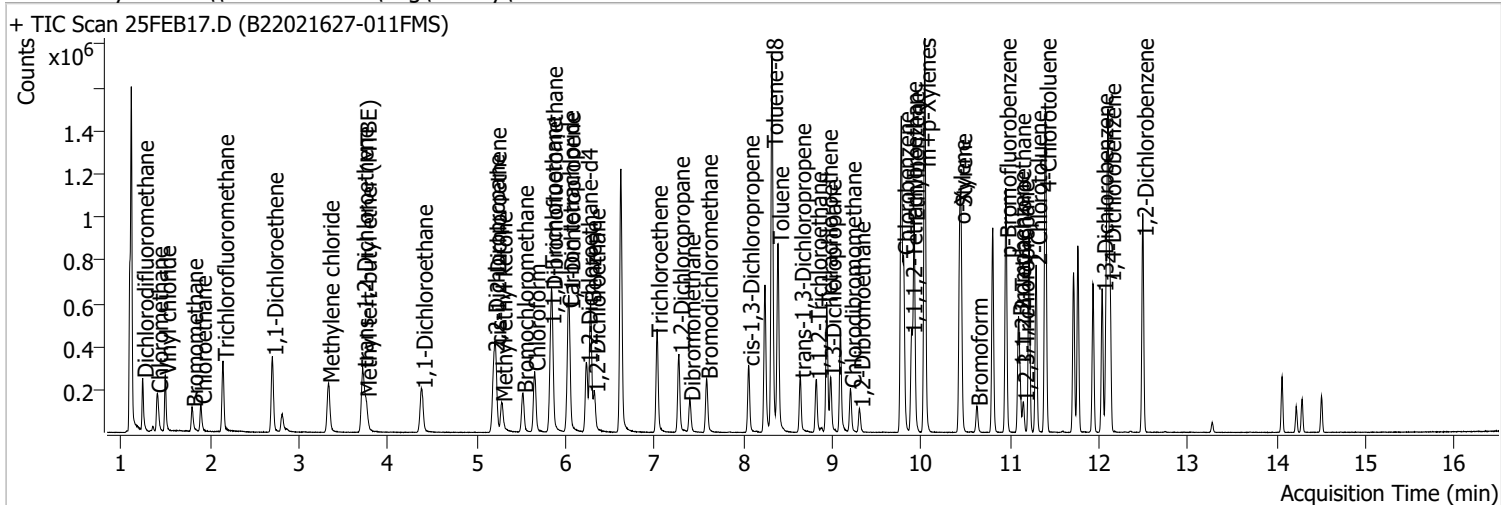
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|-------|--------|--------------------|-----------|-------|-----------|
| Bromobenzene | N.D. | 11.09 | 77.0 | 143.5 | 158.0 | 96.1 |
| + EIC (156.0) Scan 25FEB16.D ***NO DATA POINTS*** | | | 156.0, 77.0, 158.0 | | | |
| | | | | | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 11.11 | 85.0 | 63.3 | | |
| + EIC (83.0) Scan 25FEB16.D | | | 83.0, 85.0 | | | |
| | | | | | | |
| 1,2,3-Trichloropropane | N.D. | 11.15 | 112.0 | 65.8 | | |
| + EIC (110.0) Scan 25FEB16.D | | | 110.0, 112.0 | | | |
| | | | | | | |
| 2-Chlorotoluene | N.D. | 11.29 | 91.0 | 276.2 | | |
| + EIC (126.0) Scan 25FEB16.D | | | 126.0, 91.0 | | | |
| | | | | | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|--|-------|--------|--|-----------|-------|-----------|
| 4-Chlorotoluene | N.D. | 11.40 | 126.0 | 31.3 | | |
| + EIC (91.0) Scan 25FEB16.D | | | 91.0, 126.0 | | | |
|  | | |  | | | |
| 1,3-Dichlorobenzene | N.D. | 12.03 | 148.0 | 62.8 | 111.0 | 38.7 |
| + EIC (146.0) Scan 25FEB16.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,4-Dichlorobenzene | N.D. | 12.12 | 148.0 | 63.7 | 111.0 | 38.7 |
| + EIC (146.0) Scan 25FEB16.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |
| 1,2-Dichlorobenzene | N.D. | 12.49 | 148.0 | 61.9 | 111.0 | 39.5 |
| + EIC (146.0) Scan 25FEB16.D | | | 146.0, 111.0, 148.0 | | | |
|  | | |  | | | |

Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB17.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 5:36:35 PM |
| Sample Name | B22021627-011FMS | Instrument | VOA5975C |
| Vial | 17 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



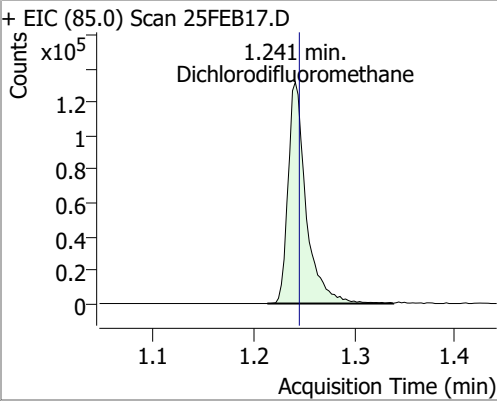
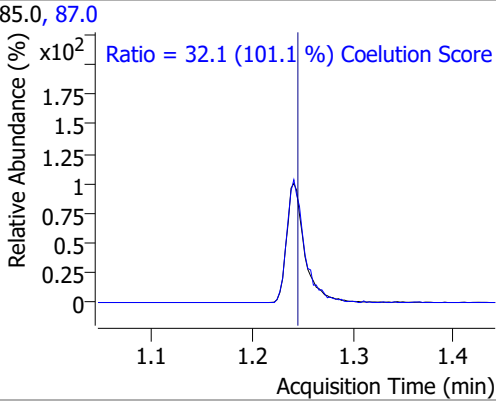
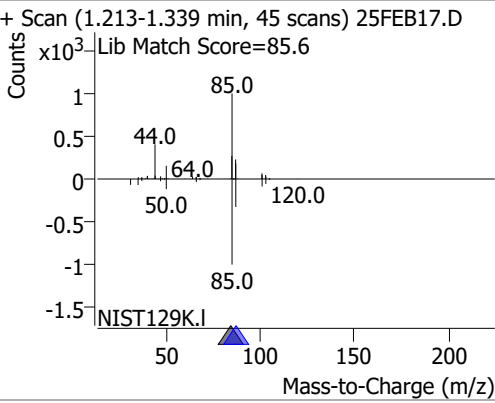
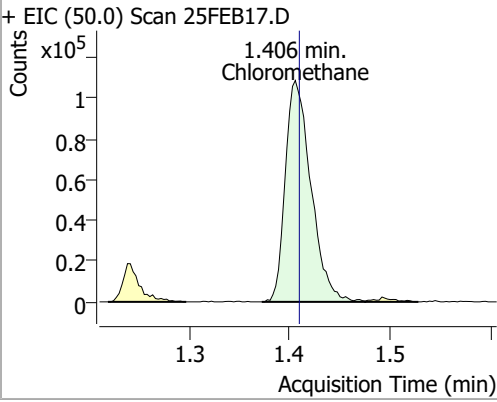
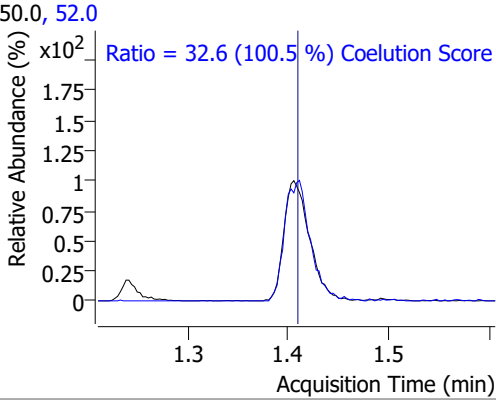
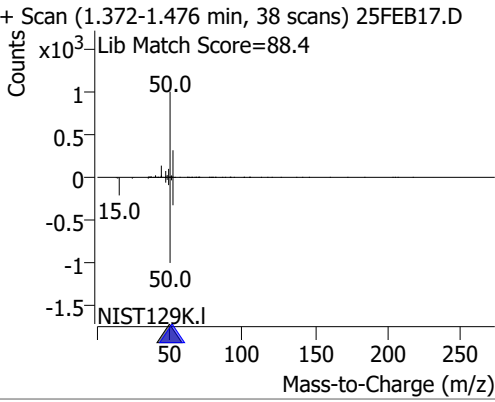
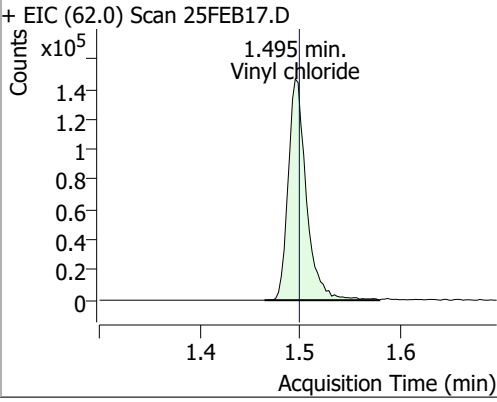
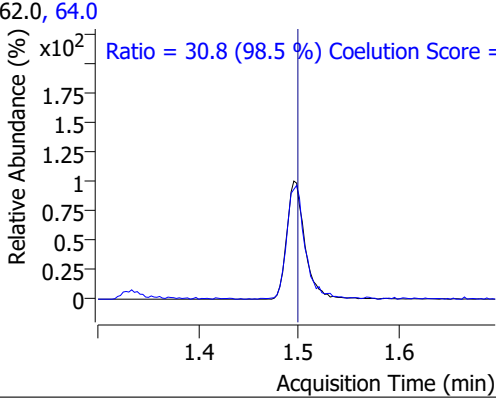
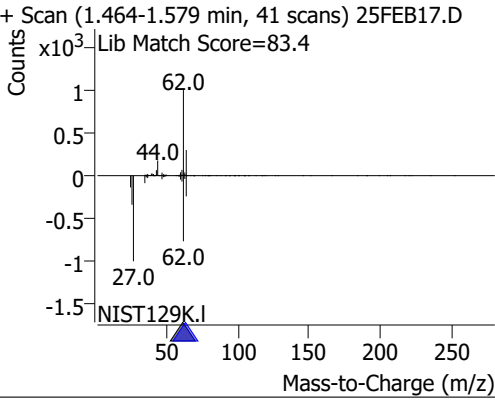
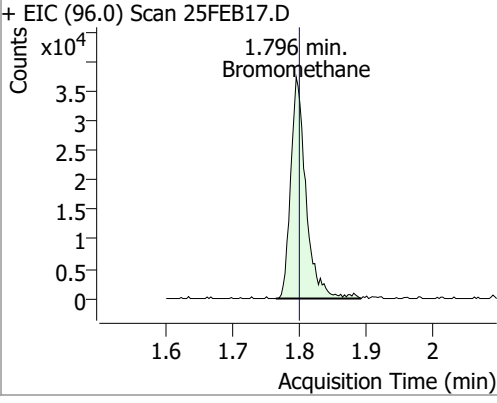
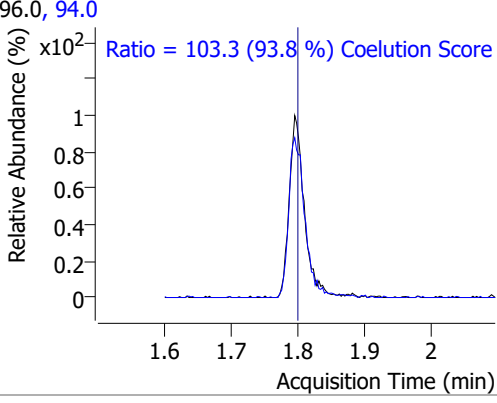
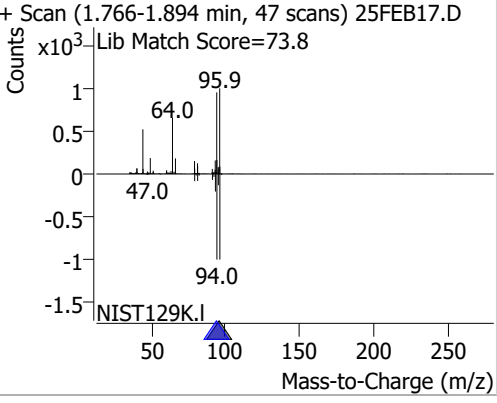
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|----------------------|-------|---------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.621 | 96.0 | 1047835 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.772 | 82.0 | 399546 | 250.0000 | ng | -0.003 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 329033 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.843 | 113.0 | 275291 | 271.2456 | ng | -0.008 |
| Spiked Amount: 250.000 | Range: 80.0 - 119.0% | | | Recovery = 108.50% | | |
| S 1,2-Dichloroethane-d4 | 6.236 | 67.0 | 118285 | 269.8007 | ng | 0.006 |
| Spiked Amount: 250.000 | Range: 81.0 - 118.0% | | | Recovery = 107.92% | | |
| S Toluene-d8 | 8.322 | 98.0 | 1085652 | 278.5183 | ng | 0.003 |
| Spiked Amount: 250.000 | Range: 89.0 - 112.0% | | | Recovery = 111.41% | | |
| S p-Bromofluorobenzene | 10.949 | 95.0 | 318984 | 262.5672 | ng | 0.000 |
| Spiked Amount: 250.000 | Range: 85.0 - 114.0% | | | Recovery = 105.03% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.241 | 85.0 | 164988 | 117.1003 | ng | 99 |
| T Chloromethane | 1.406 | 50.0 | 193452 | 116.6225 | ng | 100 |
| T Vinyl chloride | 1.495 | 62.0 | 184877 | 122.4441 | ng | 99 |
| T Bromomethane | 1.796 | 96.0 | 59531 | 92.5317 | ng | 94 |
| T Chloroethane | 1.894 | 64.0 | 84000 | 117.5891 | ng | 96 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 221914 | 122.5660 | ng | 98 |
| T 1,1-Dichloroethene | 2.700 | 96.0 | 124062 | 117.7610 | ng | 100 |
| T Methylene chloride | 3.333 | 49.0 | 176791 | 115.4205 | ng | 98 |
| T trans-1,2-Dichloroethene | 3.715 | 96.0 | 127342 | 117.0070 | ng | 98 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 153254 | 112.6641 | ng | 97 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 247170 | 121.3497 | ng | 99 |
| T 2,2-Dichloropropane | 5.193 | 77.0 | 189912 | 123.7223 | ng | 97 |
| T cis-1,2-Dichloroethene | 5.210 | 96.0 | 130764 | 118.6665 | ng | 97 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 189801 | 1191.8515 | ng | 99 |
| T Bromochloromethane | 5.516 | 128.0 | 52283 | 115.0739 | ng | 96 |
| T Chloroform | 5.650 | 83.0 | 229952 | 113.0690 | ng | 98 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.829 | 97.0 | 225329 | 120.0832 | ng | 97 |
| T Carbon tetrachloride | 6.027 | 117.0 | 219420 | 120.5673 | ng | 98 |
| T 1,1-Dichloropropene | 6.041 | 75.0 | 178196 | 117.1094 | ng | 99 |
| T Benzene | 6.278 | 78.0 | 506118 | 120.9095 | ng | 100 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 136453 | 118.0219 | ng | 95 |
| T Trichloroethene | 7.025 | 95.0 | 145222 | 121.4086 | ng | 97 |
| T 1,2-Dichloropropane | 7.273 | 63.0 | 126053 | 119.8601 | ng | 99 |
| T Dibromomethane | 7.393 | 93.0 | 52932 | 119.4093 | ng | 99 |
| T Bromodichloromethane | 7.585 | 83.0 | 151507 | 121.5463 | ng | 97 |
| T cis-1,3-Dichloropropene | 8.057 | 75.0 | 154096 | 112.6582 | ng | 99 |
| T Toluene | 8.389 | 92.0 | 321861 | 123.8773 | ng | 97 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 126334 | 126.6226 | ng | 98 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 61296 | 120.8218 | ng | 94 |
| T Tetrachloroethene | 8.938 | 163.8 | 131254 | 124.5775 | ng | 97 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 119359 | 116.2611 | ng | 100 |
| T Chlorodibromomethane | 9.203 | 129.0 | 99169 | 121.3735 | ng | 98 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 65827 | 117.4811 | ng | 94 |
| T Chlorobenzene | 9.800 | 112.0 | 353643 | 124.1603 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.889 | 131.0 | 120891 | 120.9683 | ng | 99 |
| T Ethylbenzene | 9.917 | 91.0 | 602637 | 121.5337 | ng | 99 |
| T m+p-Xylenes | 10.039 | 106.0 | 470033 | 238.0621 | ng | 98 |
| T o-Xylene | 10.430 | 106.0 | 212285 | 122.8238 | ng | 98 |
| T Styrene | 10.447 | 104.0 | 349432 | 122.2578 | ng | 98 |
| T Bromoform | 10.625 | 172.5 | 53295 | 120.8779 | ng | 98 |
| T Bromobenzene | 11.094 | 156.0 | 134634 | 125.6679 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.110 | 83.0 | 76232 | 124.7485 | ng | 99 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 18714 | 116.5593 | ng | 99 |
| T 2-Chlorotoluene | 11.292 | 126.0 | 139688 | 131.7403 | ng | 100 |
| T 4-Chlorotoluene | 11.398 | 91.0 | 457854 | 133.3176 | ng | 100 |
| T 1,3-Dichlorobenzene | 12.036 | 146.0 | 242555 | 124.9591 | ng | 98 |
| T 1,4-Dichlorobenzene | 12.125 | 146.0 | 247917 | 125.2808 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 198598 | 122.5483 | ng | 97 |

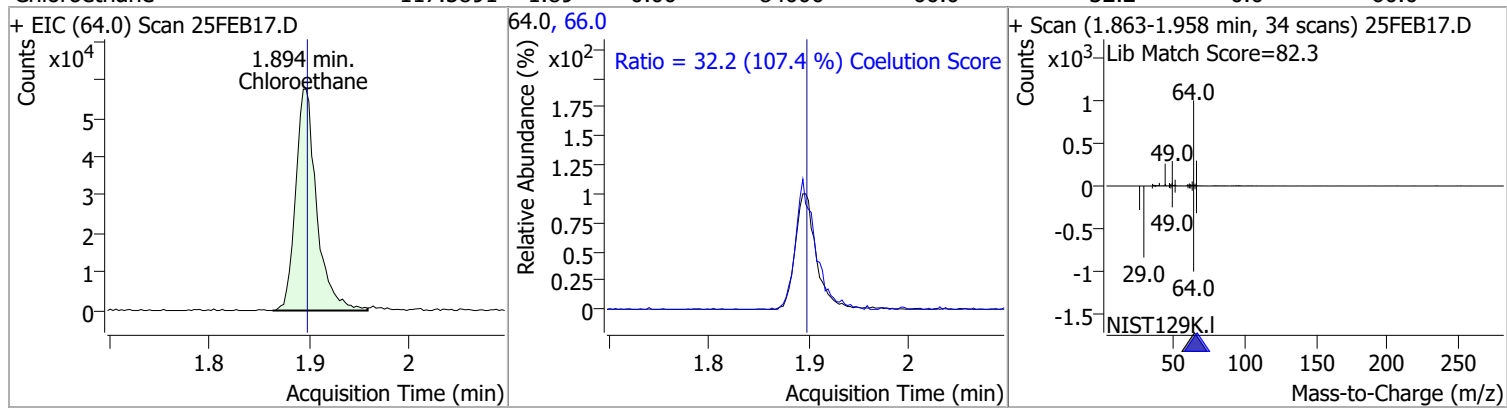
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

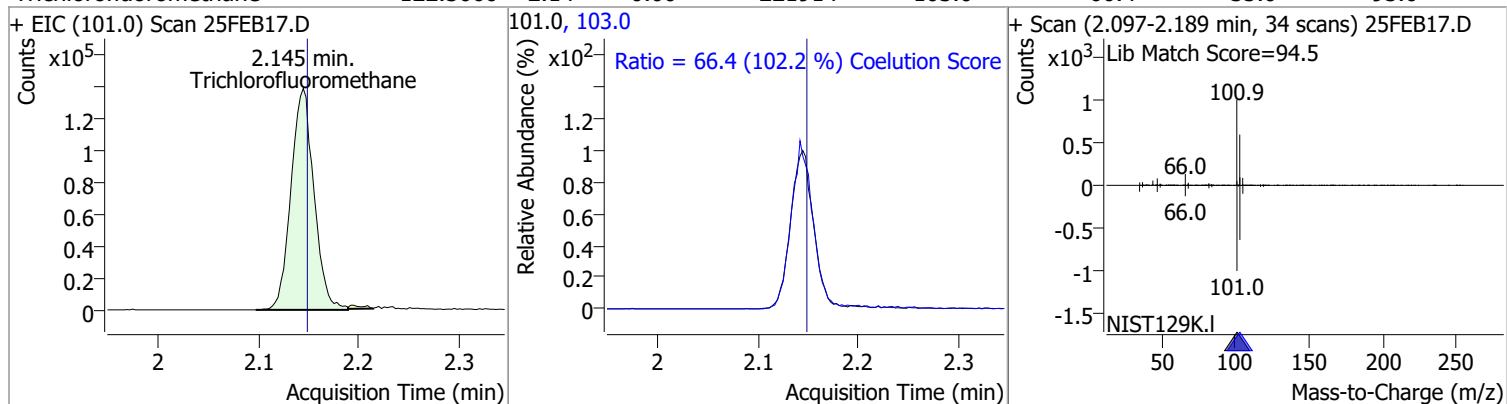
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|----------|------|--|--------|------|---|-------|-------|
| Dichlorodifluoromethane | 117.1003 | 1.24 | 0.00 | 164988 | 87.0 | 32.1 | 1.8 | 61.8 |
| + EIC (85.0) Scan 25FEB17.D  | | | 85.0, 87.0  | | | + Scan (1.213-1.339 min, 45 scans) 25FEB17.D Lib Match Score=85.6  | | |
| Chloromethane | 116.6225 | 1.41 | 0.00 | 193452 | 52.0 | 32.6 | 2.4 | 62.4 |
| + EIC (50.0) Scan 25FEB17.D  | | | 50.0, 52.0  | | | + Scan (1.372-1.476 min, 38 scans) 25FEB17.D Lib Match Score=88.4  | | |
| Vinyl chloride | 122.4441 | 1.50 | 0.00 | 184877 | 64.0 | 30.8 | 1.3 | 61.3 |
| + EIC (62.0) Scan 25FEB17.D  | | | 62.0, 64.0  | | | + Scan (1.464-1.579 min, 41 scans) 25FEB17.D Lib Match Score=83.4  | | |
| Bromomethane | 92.5317 | 1.80 | 0.00 | 59531 | 94.0 | 103.3 | 80.1 | 140.1 |
| + EIC (96.0) Scan 25FEB17.D  | | | 96.0, 94.0  | | | + Scan (1.766-1.894 min, 47 scans) 25FEB17.D Lib Match Score=73.8  | | |

Quantitation Results Report (QT Reviewed)

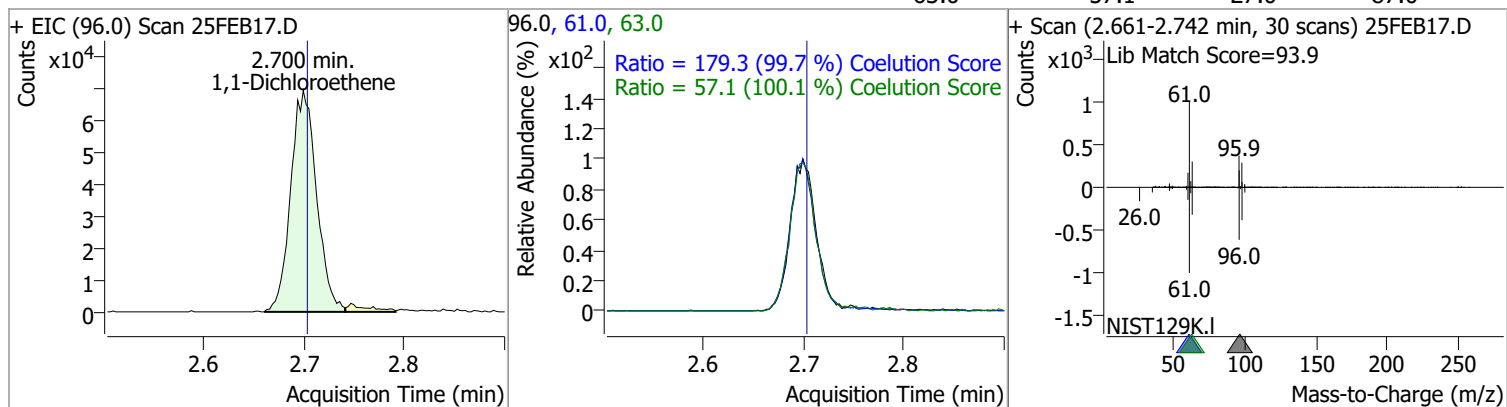
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 117.5891 | 1.89 | 0.00 | 84000 | 66.0 | 32.2 | 0.0 | 60.0 |



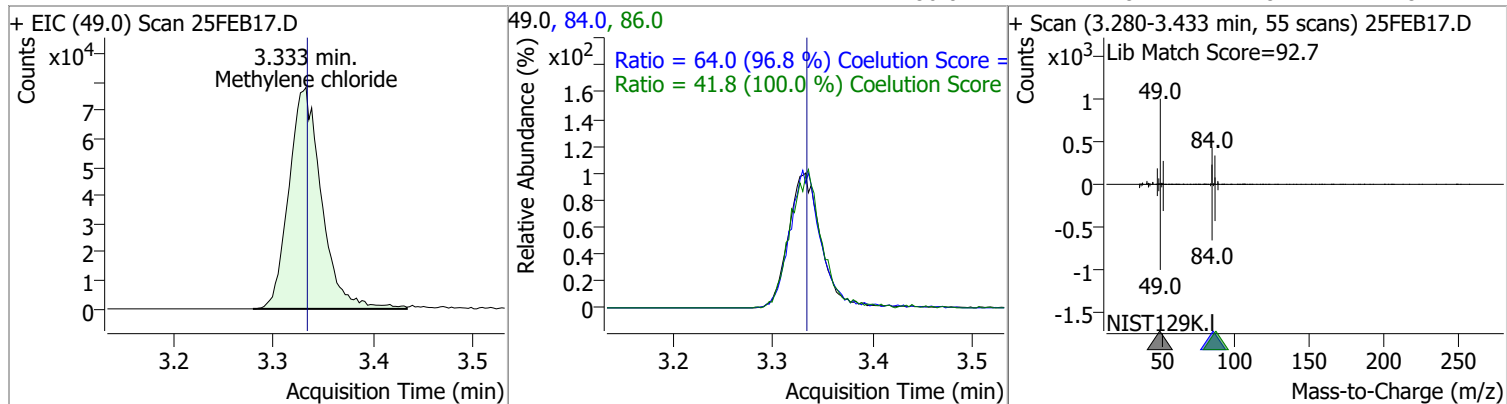
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 122.5660 | 2.14 | 0.00 | 221914 | 103.0 | 66.4 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 117.7610 | 2.70 | 0.00 | 124062 | 61.0 | 179.3 | 149.9 | 209.9 |
| | | | | | 63.0 | 57.1 | 27.0 | 87.0 |

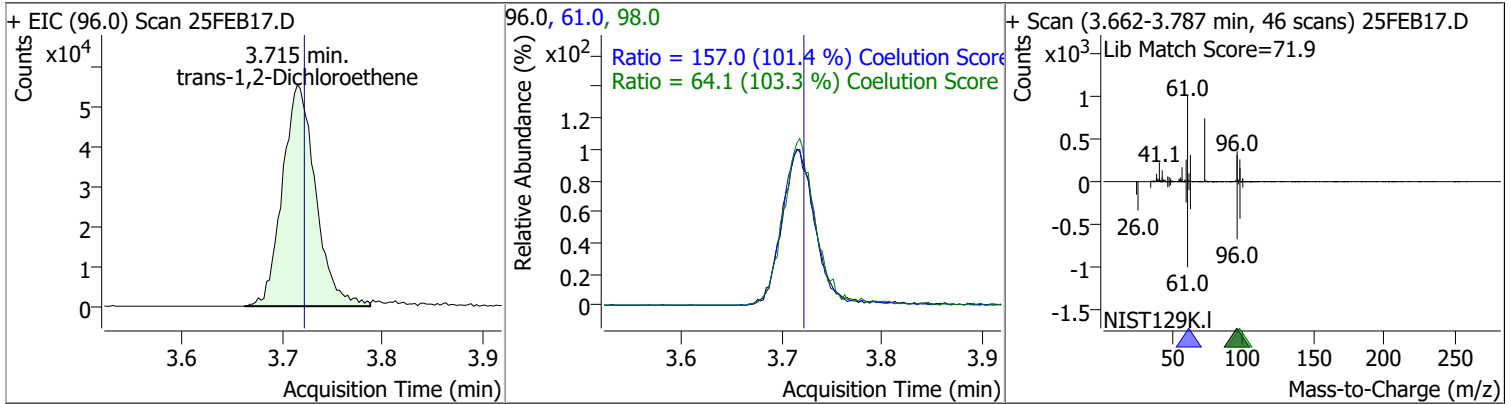


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 115.4205 | 3.33 | 0.00 | 176791 | 84.0 | 64.0 | 36.1 | 96.1 |
| | | | | | 86.0 | 41.8 | 11.8 | 71.8 |

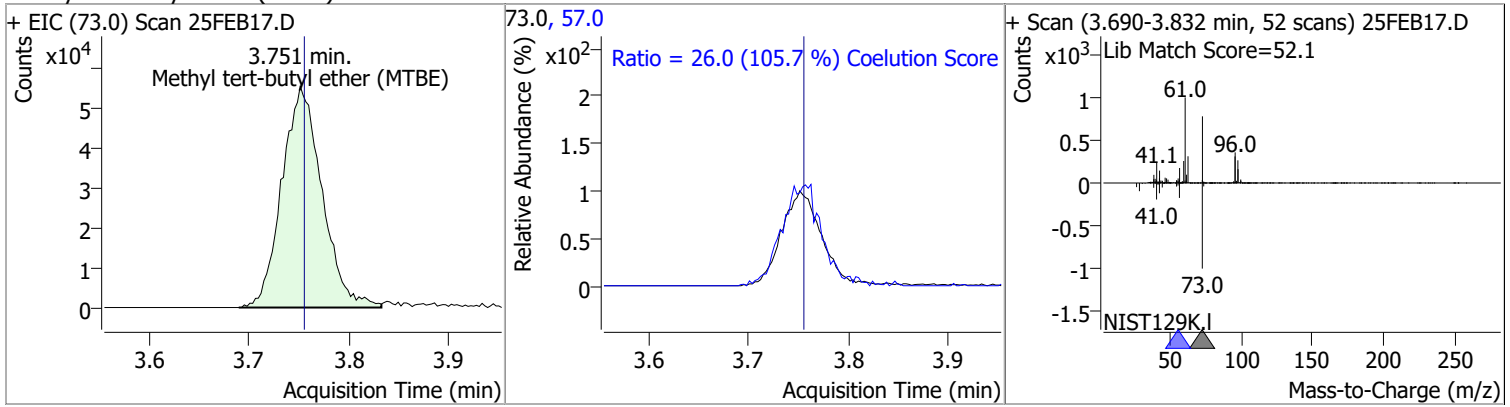


Quantitation Results Report (QT Reviewed)

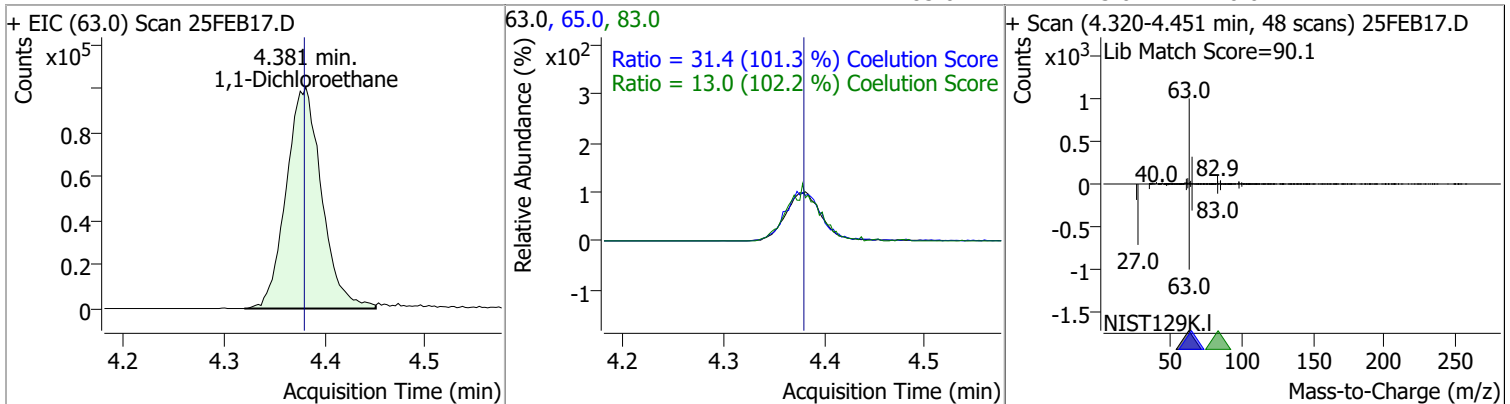
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 117.0070 | 3.71 | -0.01 | 127342 | 61.0 | 157.0 | 124.8 | 184.8 |
| | | | | | 98.0 | 64.1 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 112.6641 | 3.75 | 0.00 | 153254 | 57.0 | 26.0 | 0.0 | 54.6 |

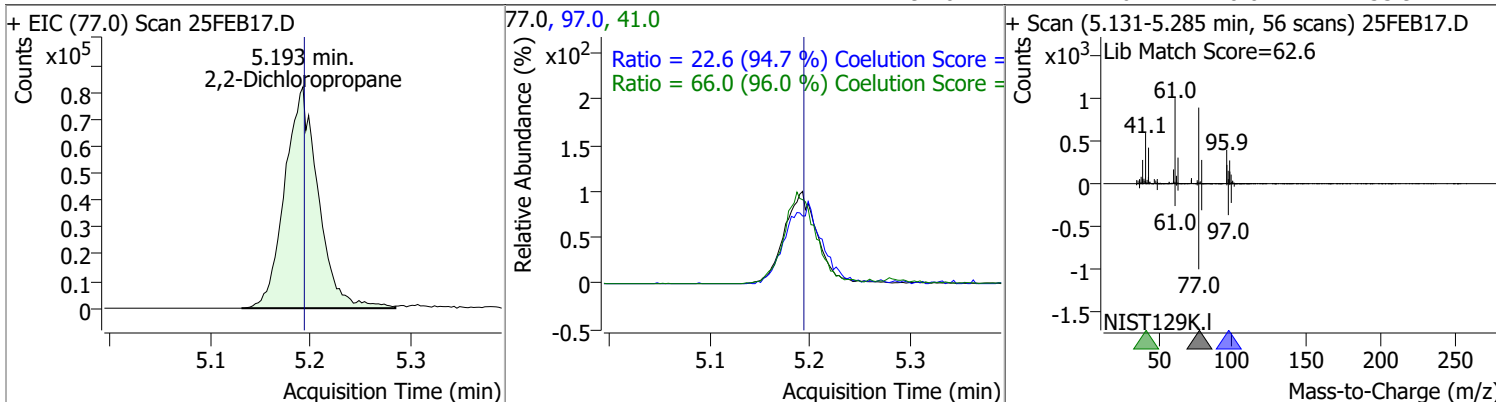


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 121.3497 | 4.38 | 0.00 | 247170 | 65.0 | 31.4 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.0 | 0.0 | 42.7 |

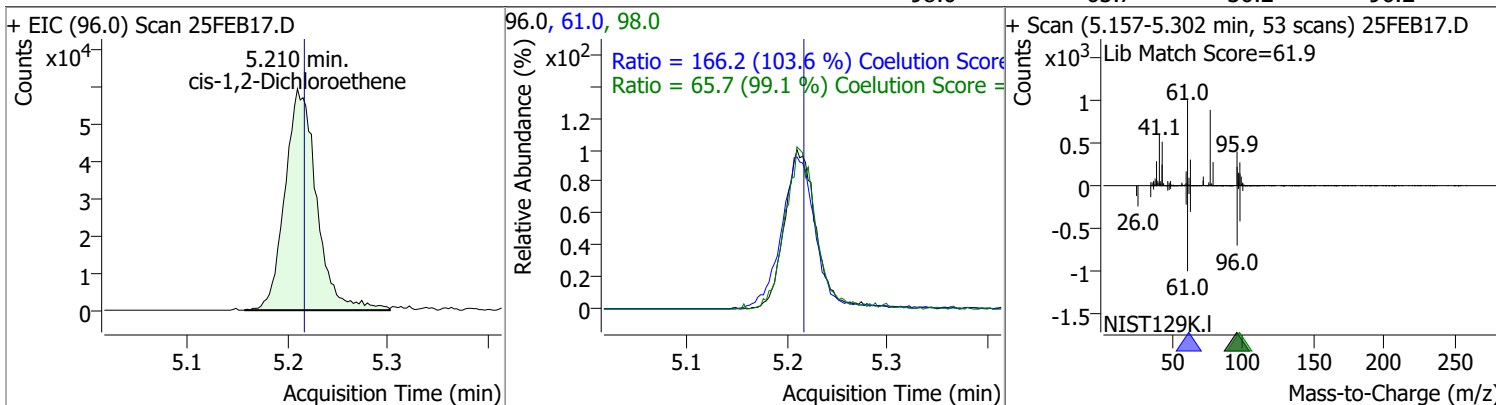


Quantitation Results Report (QT Reviewed)

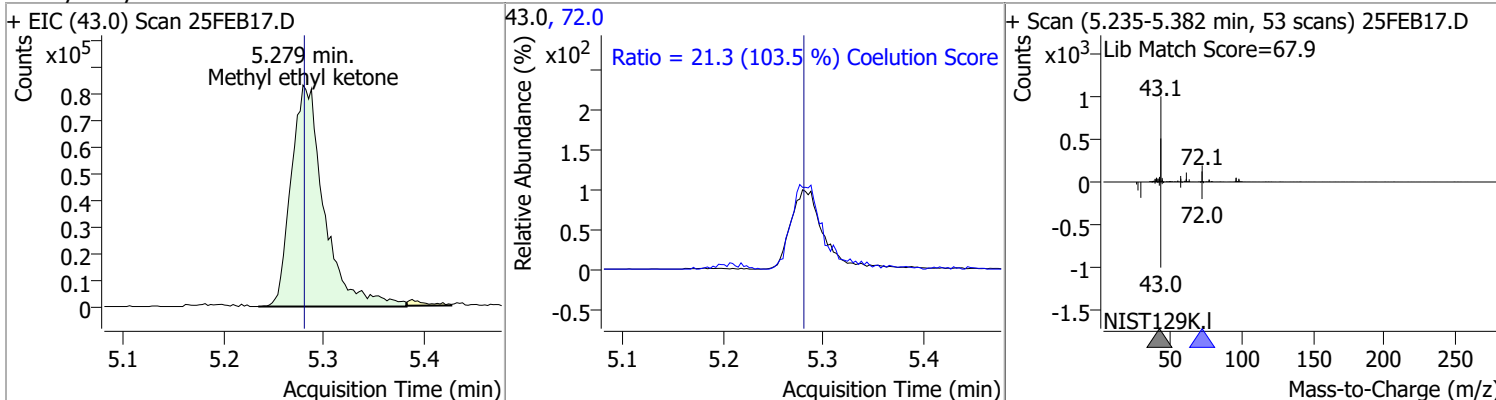
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 123.7223 | 5.19 | 0.00 | 189912 | 41.0 | 66.0 | 38.8 | 98.8 |
| | | | | | 97.0 | 22.6 | 0.0 | 53.9 |



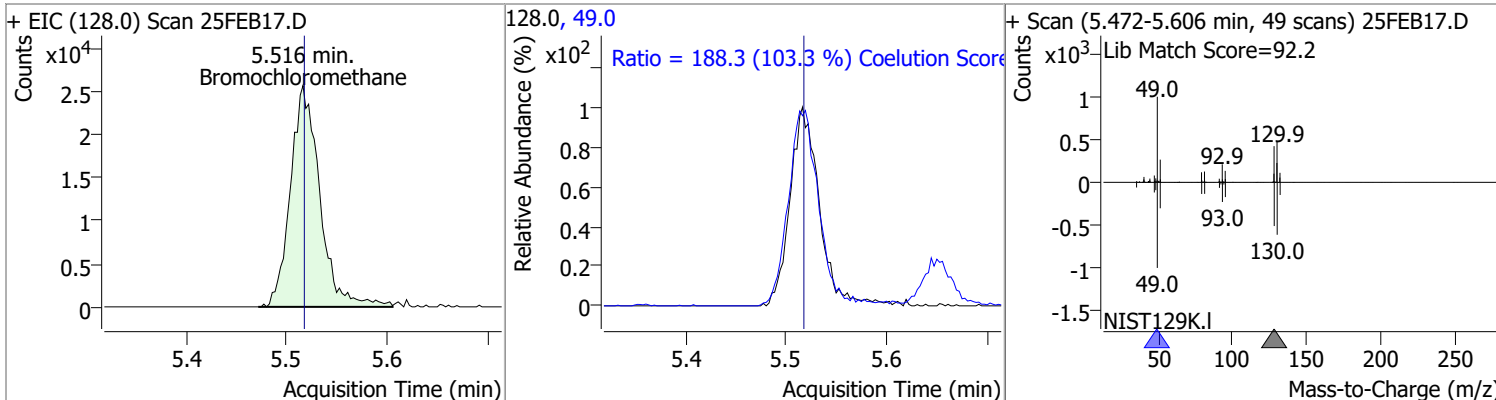
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 118.6665 | 5.21 | -0.01 | 130764 | 61.0 | 166.2 | 130.4 | 190.4 |
| | | | | | 98.0 | 65.7 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1191.8515 | 5.28 | 0.00 | 189801 | 72.0 | 21.3 | 0.0 | 50.6 |

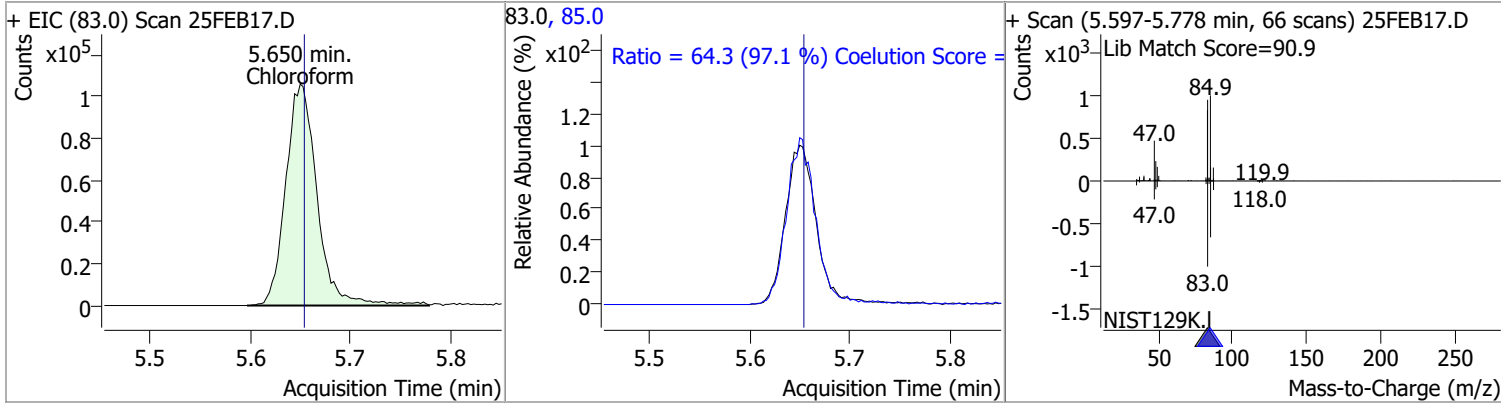


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 115.0739 | 5.52 | 0.00 | 52283 | 49.0 | 188.3 | 152.2 | 212.2 |

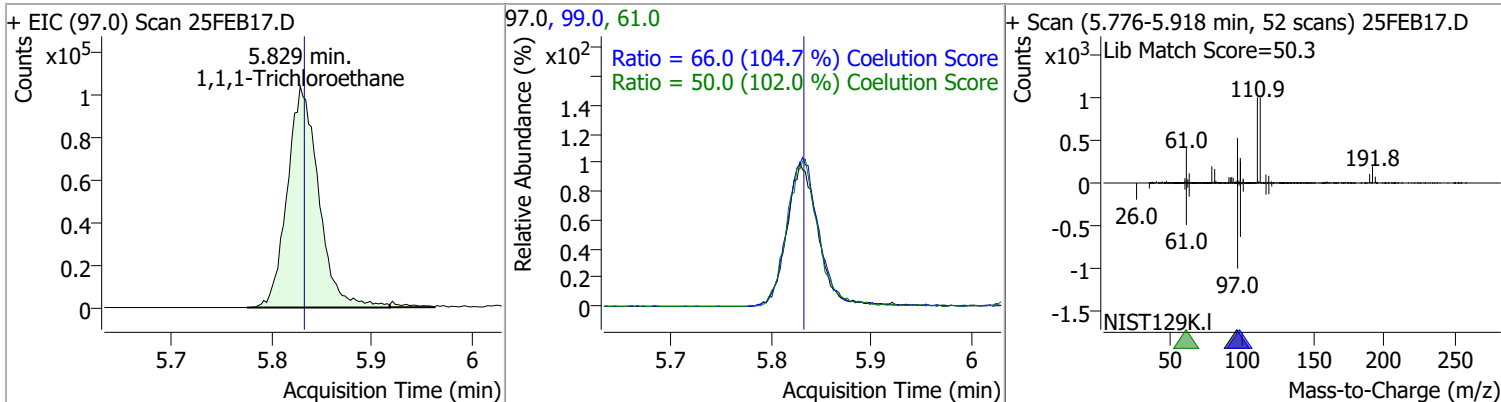


Quantitation Results Report (QT Reviewed)

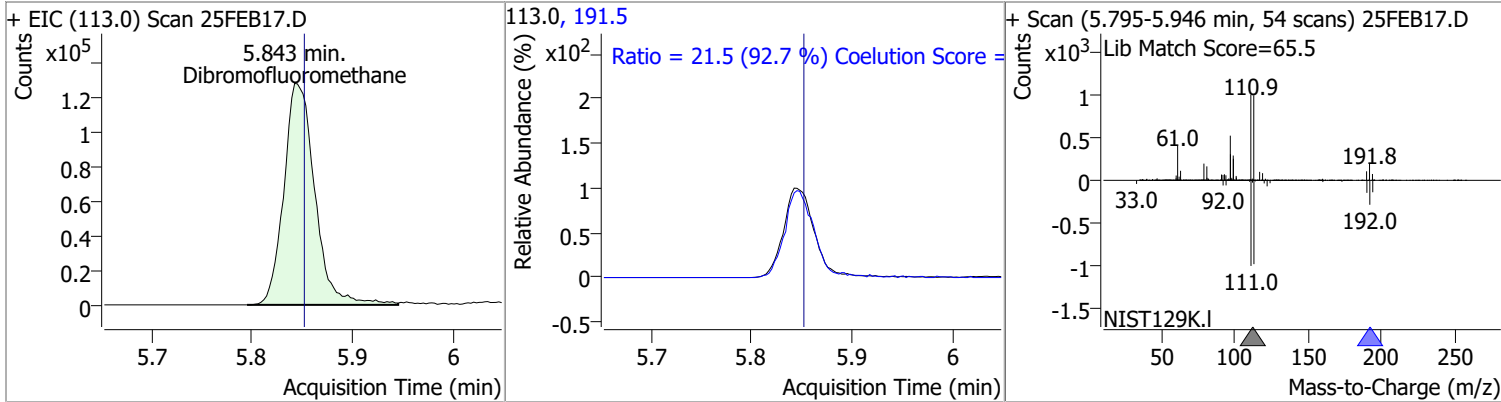
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 113.0690 | 5.65 | 0.00 | 229952 | 85.0 | 64.3 | 36.2 | 96.2 |



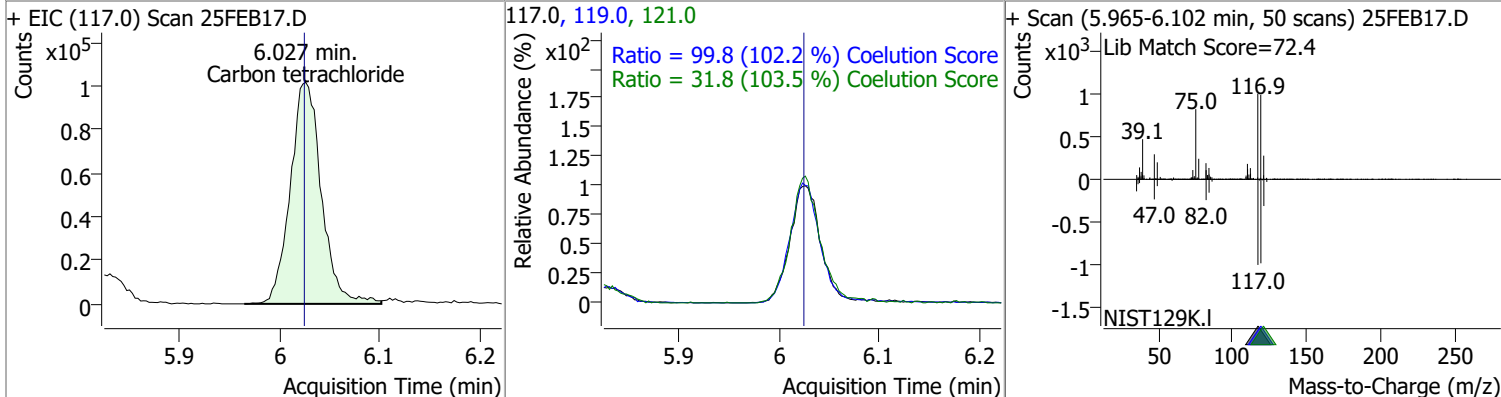
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1,1-Trichloroethane | 120.0832 | 5.83 | 0.00 | 225329 | 99.0 | 66.0 | 33.1 | 93.1 |
| | | | | | 61.0 | 50.0 | 19.1 | 79.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Dibromofluoromethane | 271.2456 | 5.84 | -0.01 | 275291 | 191.5 | 21.5 | 0.0 | 53.2 |

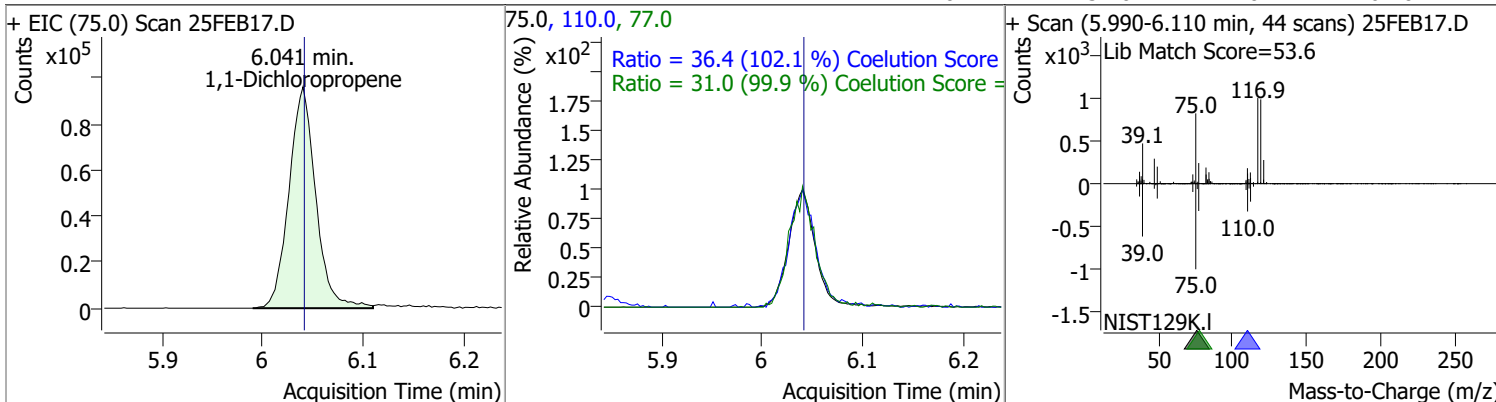


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Carbon tetrachloride | 120.5673 | 6.03 | 0.00 | 219420 | 119.0 | 99.8 | 67.6 | 127.6 |
| | | | | | 121.0 | 31.8 | 0.7 | 60.7 |

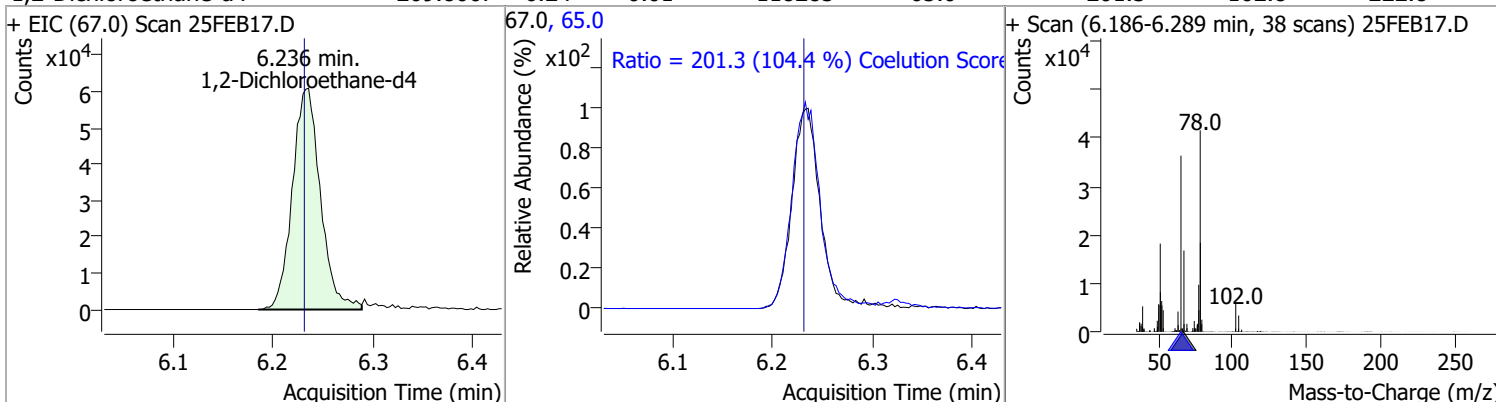


Quantitation Results Report (QT Reviewed)

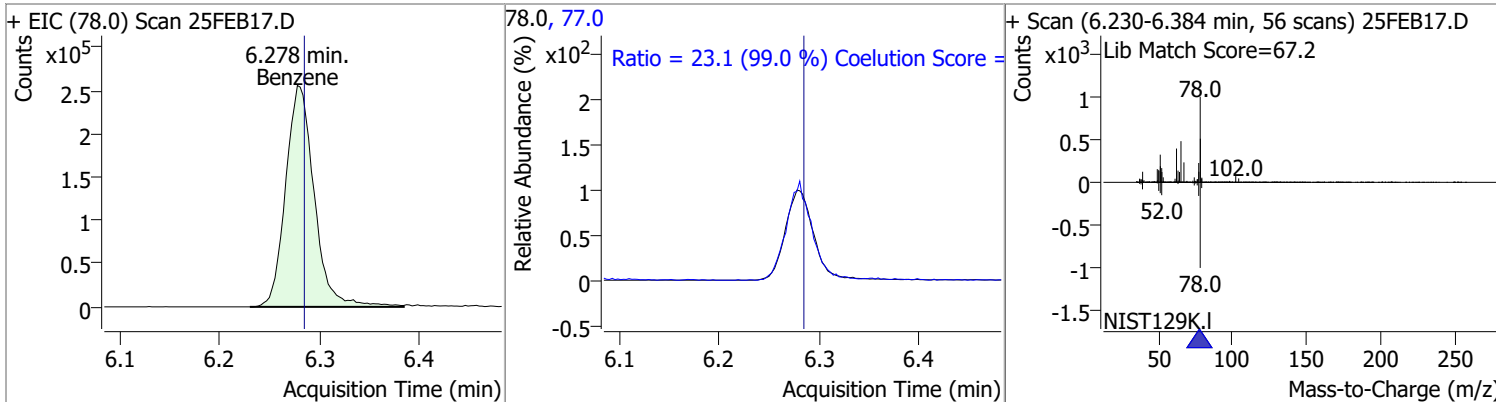
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 117.1094 | 6.04 | 0.00 | 178196 | 110.0 | 36.4 | 5.6 | 65.6 |
| | | | | | 77.0 | 31.0 | 1.0 | 61.0 |



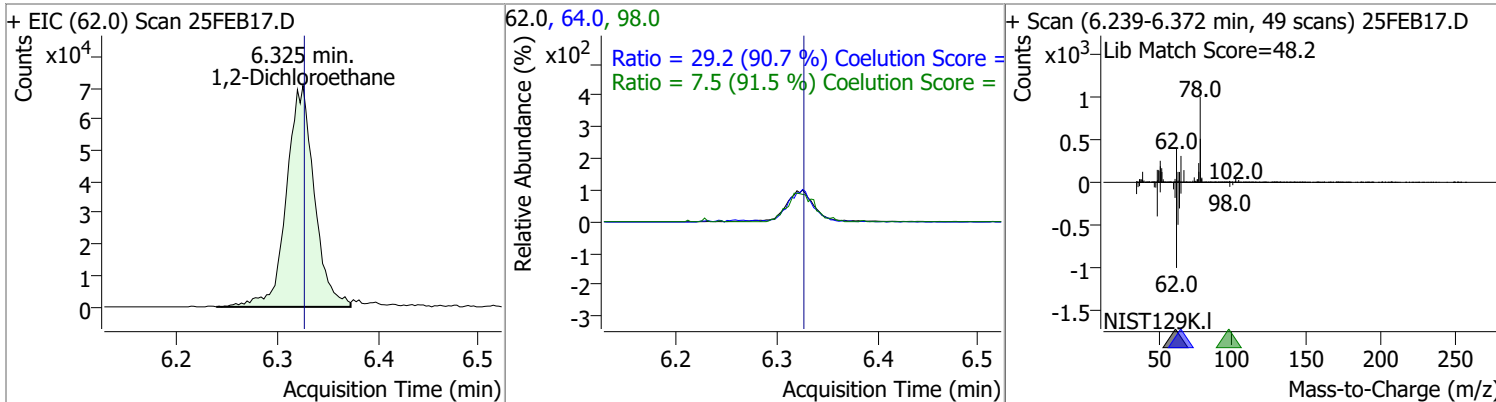
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 269.8007 | 6.24 | 0.01 | 118285 | 65.0 | 201.3 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 120.9095 | 6.28 | -0.01 | 506118 | 77.0 | 23.1 | 0.0 | 53.3 |

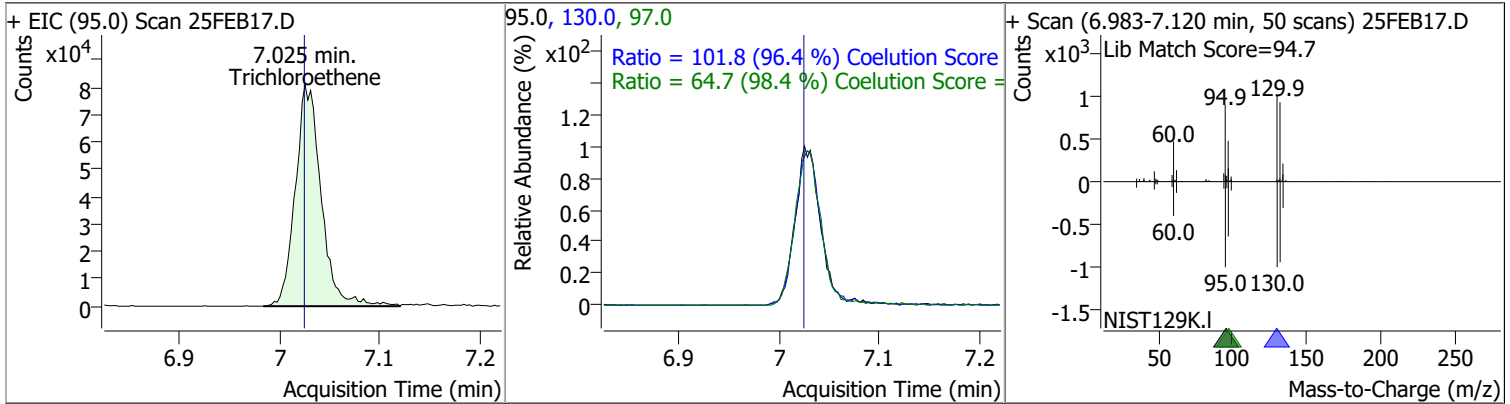


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 118.0219 | 6.32 | 0.00 | 136453 | 64.0 | 29.2 | 2.2 | 62.2 |
| | | | | | 98.0 | 7.5 | 0.0 | 38.2 |

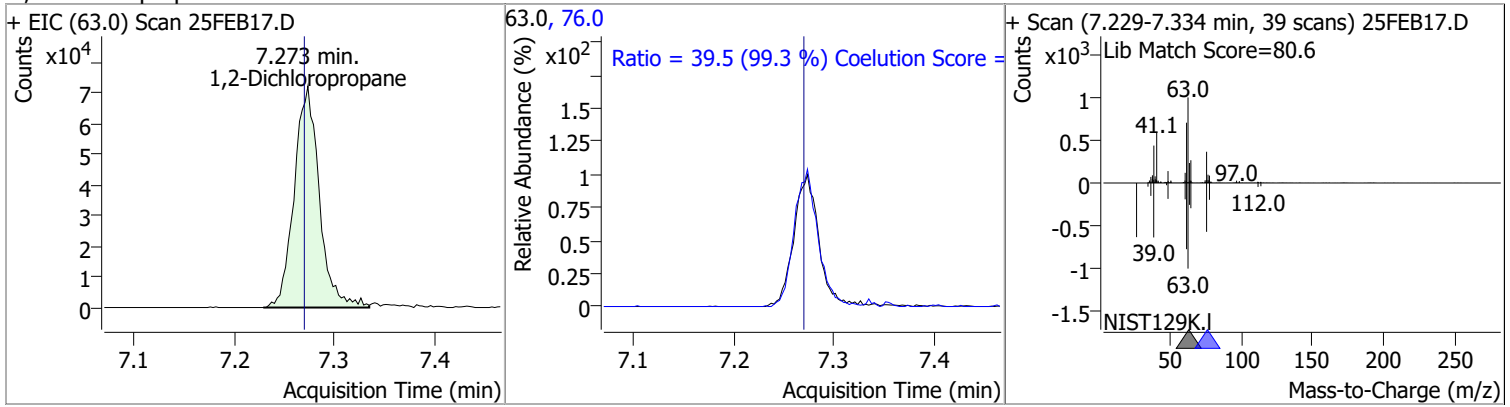


Quantitation Results Report (QT Reviewed)

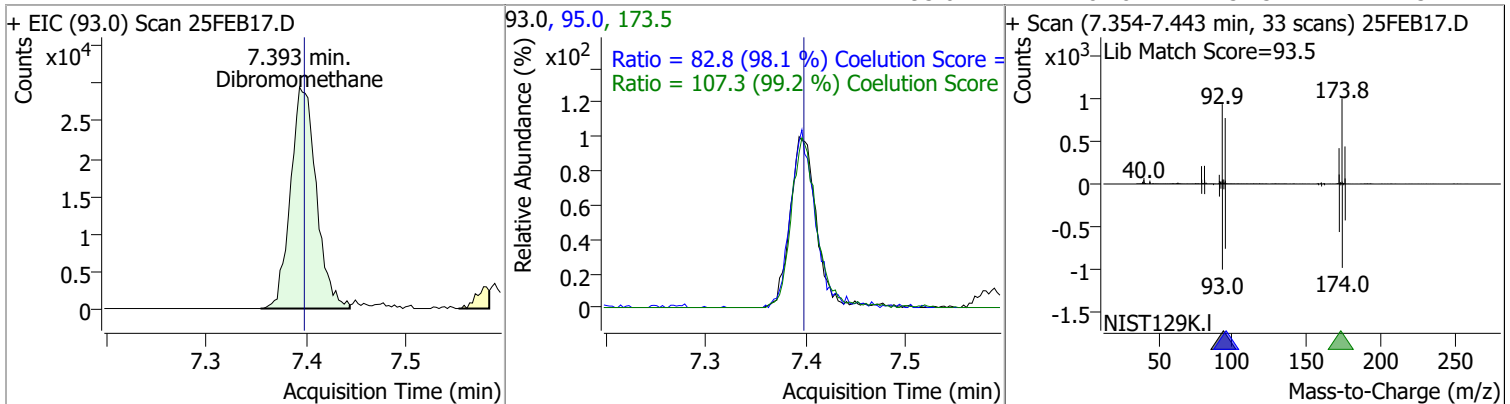
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 121.4086 | 7.02 | 0.00 | 145222 | 130.0 | 101.8 | 75.6 | 135.6 |
| | | | | | 97.0 | 64.7 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 119.8601 | 7.27 | 0.00 | 126053 | 76.0 | 39.5 | 9.8 | 69.8 |

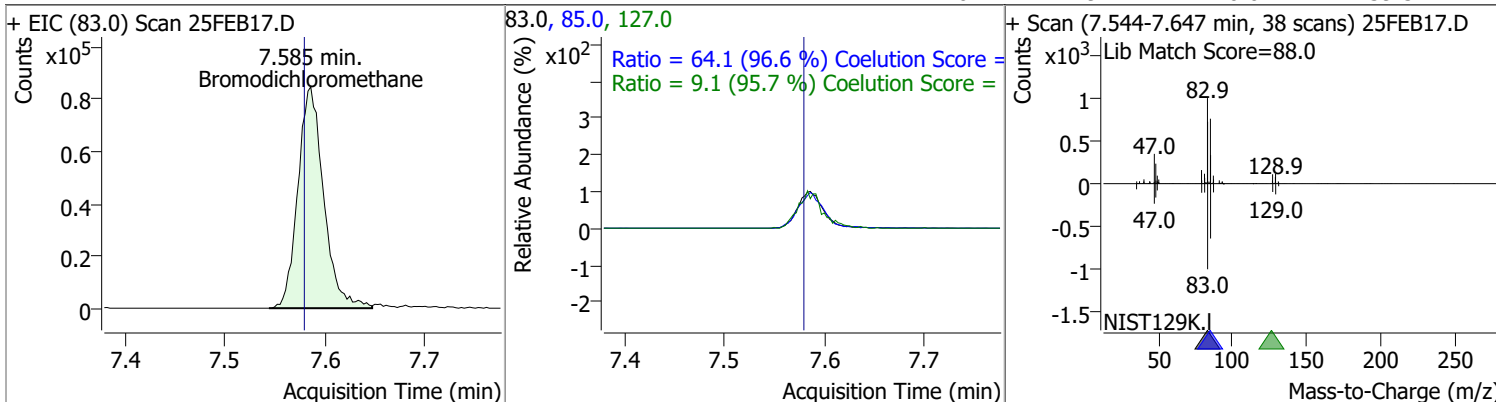


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 119.4093 | 7.39 | -0.01 | 52932 | 173.5 | 107.3 | 78.2 | 138.2 |
| | | | | | 95.0 | 82.8 | 54.5 | 114.5 |

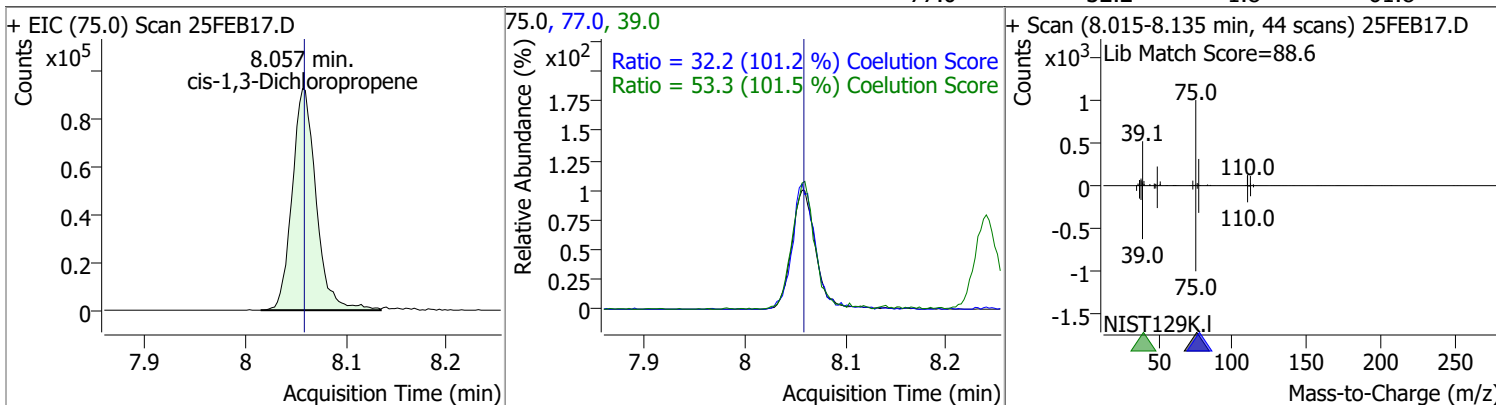


Quantitation Results Report (QT Reviewed)

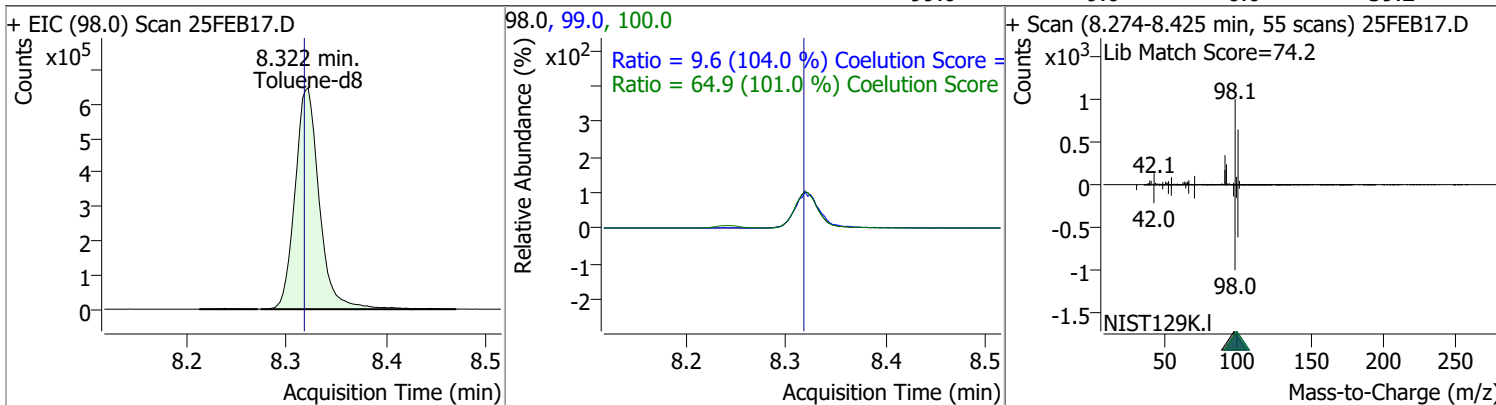
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 121.5463 | 7.59 | 0.01 | 151507 | 85.0 | 64.1 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.1 | 0.0 | 39.5 |



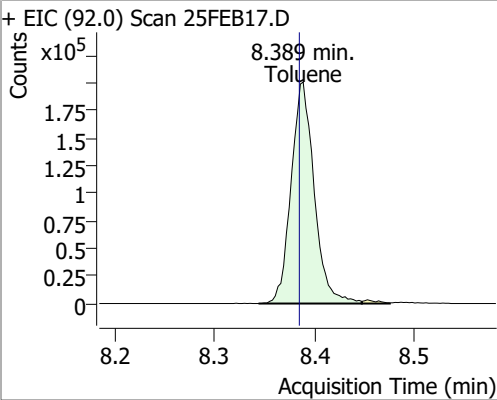
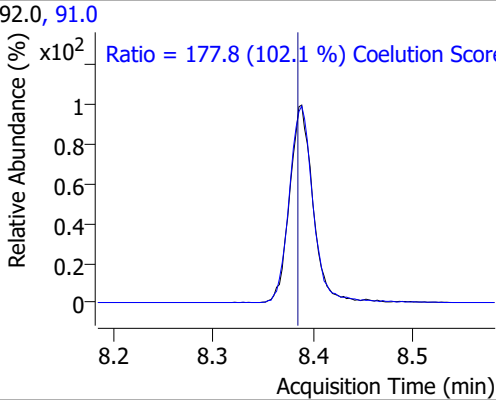
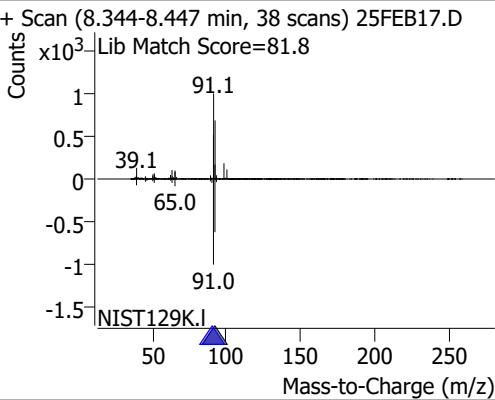
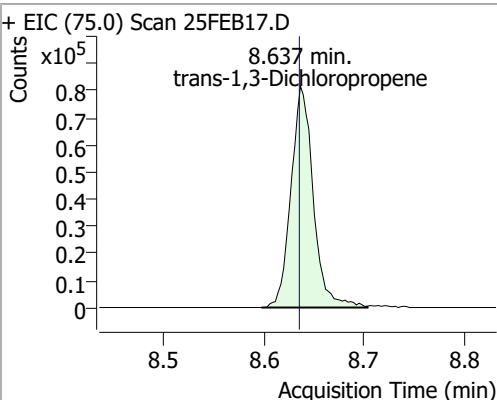
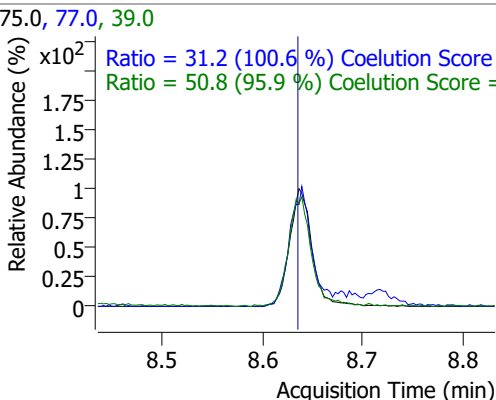
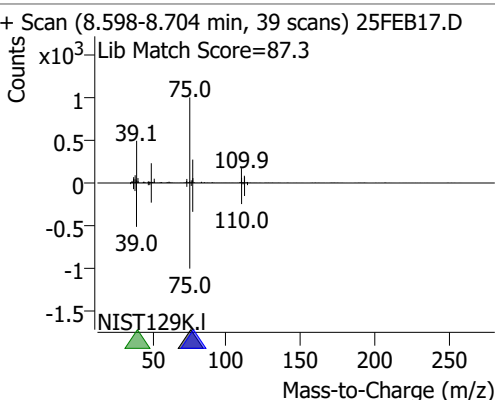
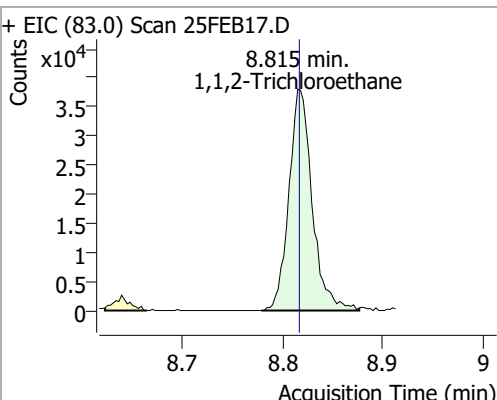
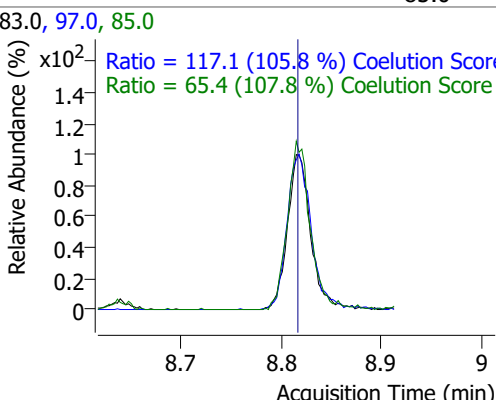
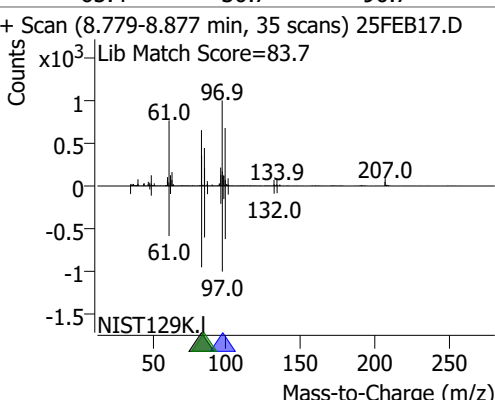
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 112.6582 | 8.06 | 0.00 | 154096 | 39.0 | 53.3 | 22.5 | 82.5 |
| | | | | | 77.0 | 32.2 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 278.5183 | 8.32 | 0.00 | 1085652 | 100.0 | 64.9 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.6 | 0.0 | 39.2 |

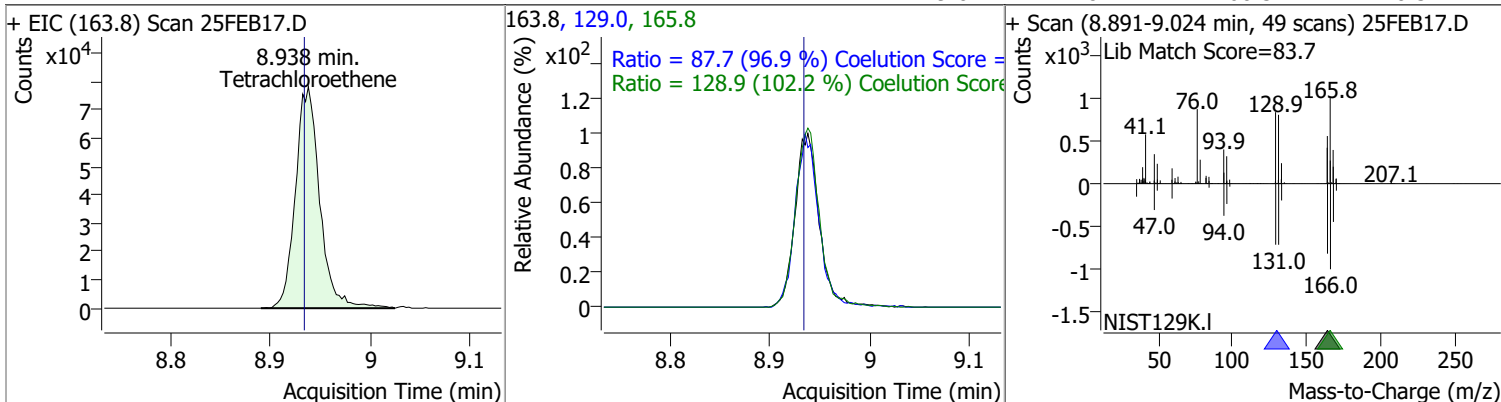


Quantitation Results Report (QT Reviewed)

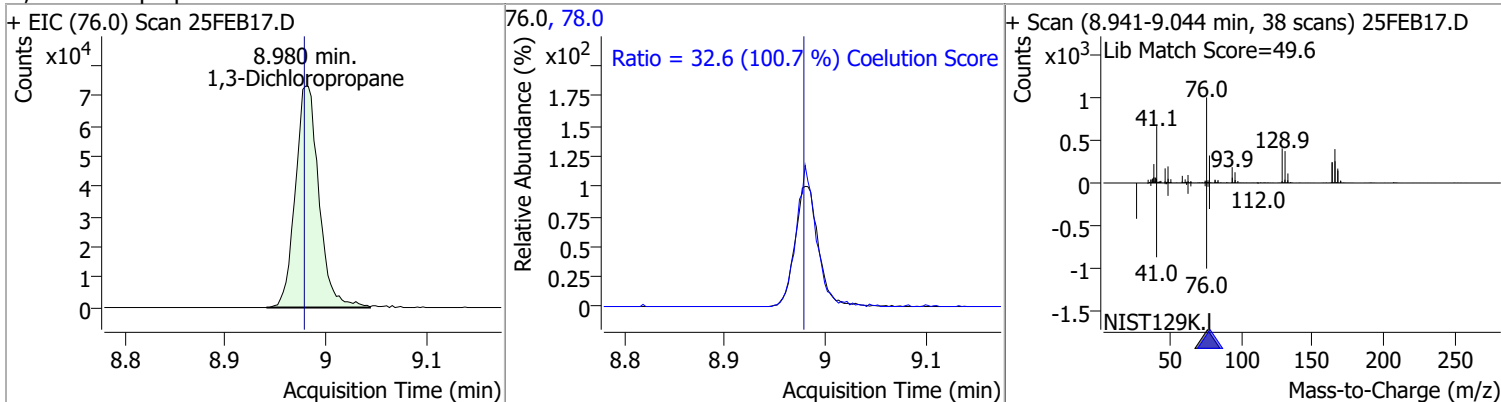
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|----------|------|--|--------|------|---|-------|-------|
| Toluene | 123.8773 | 8.39 | 0.00 | 321861 | 91.0 | 177.8 | 144.1 | 204.1 |
| + EIC (92.0) Scan 25FEB17.D | | | 92.0, 91.0 | | | + Scan (8.344-8.447 min, 38 scans) 25FEB17.D | | |
|  | | |  | | |  | | |
| trans-1,3-Dichloropropene | 126.6226 | 8.64 | 0.00 | 126334 | 39.0 | 50.8 | 23.0 | 83.0 |
| + EIC (75.0) Scan 25FEB17.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.598-8.704 min, 39 scans) 25FEB17.D | | |
|  | | |  | | |  | | |
| 1,1,2-Trichloroethane | 120.8218 | 8.82 | 0.00 | 61296 | 97.0 | 117.1 | 80.7 | 140.7 |
| + EIC (83.0) Scan 25FEB17.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.779-8.877 min, 35 scans) 25FEB17.D | | |
|  | | |  | | |  | | |

Quantitation Results Report (QT Reviewed)

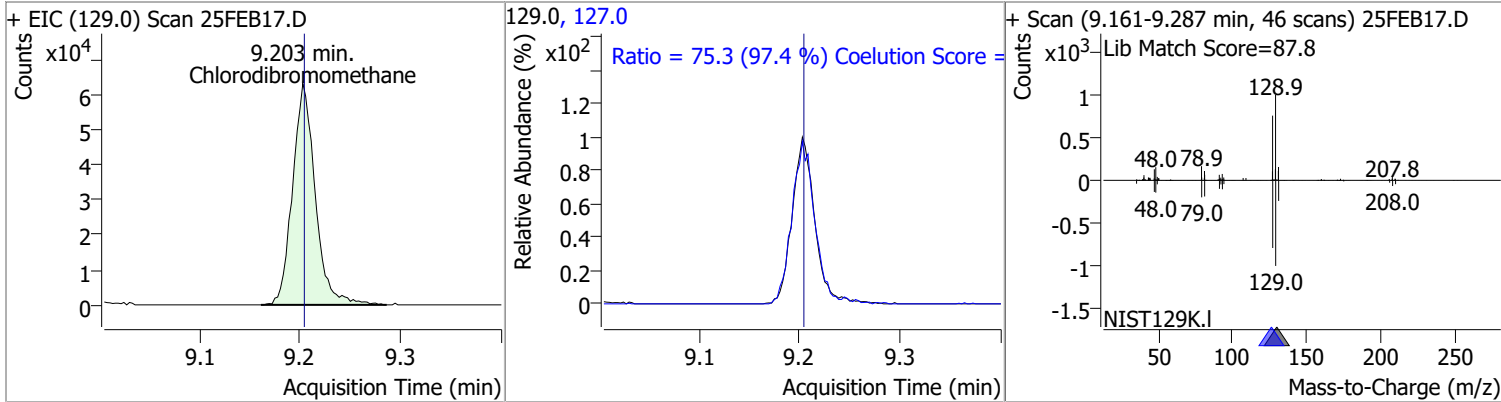
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 124.5775 | 8.94 | 0.00 | 131254 | 165.8 | 128.9 | 96.1 | 156.1 |
| | | | | | 129.0 | 87.7 | 60.5 | 120.5 |



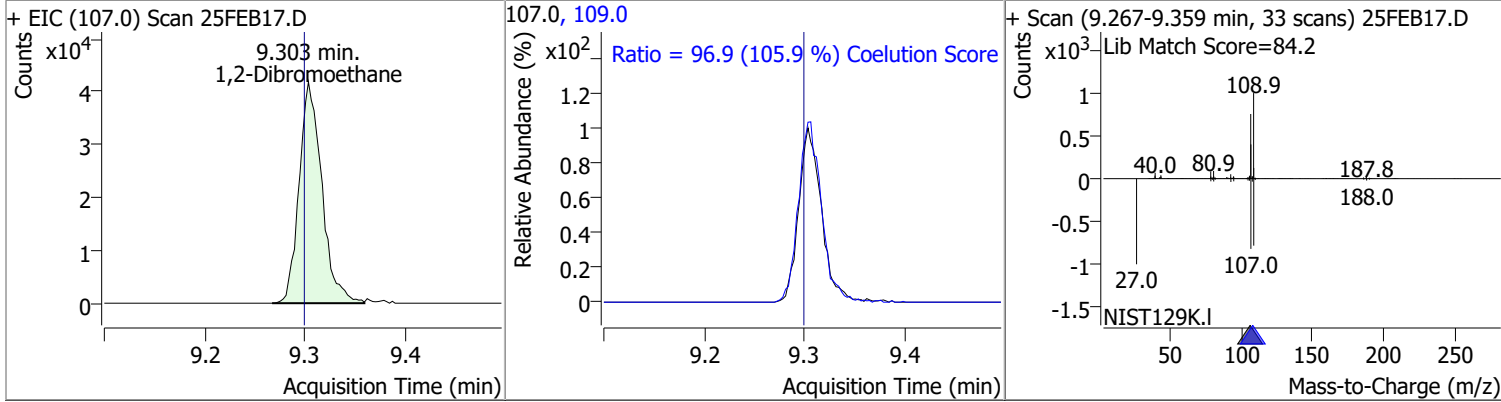
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 116.2611 | 8.98 | 0.00 | 119359 | 78.0 | 32.6 | 2.4 | 62.4 |



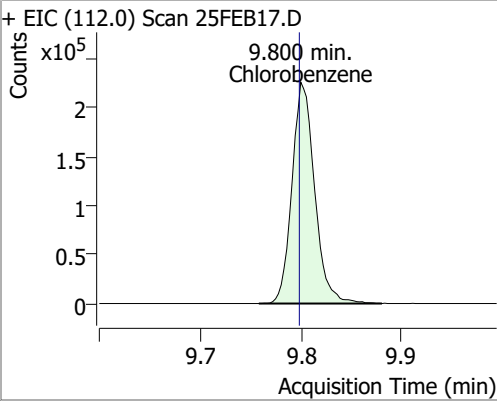
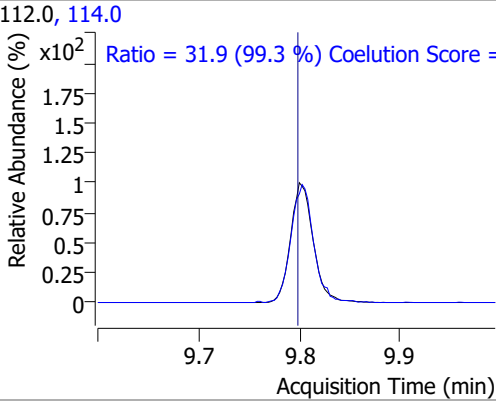
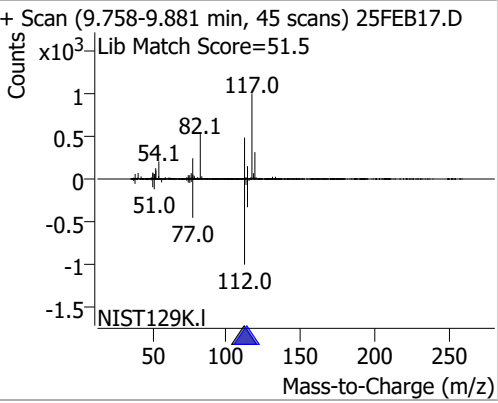
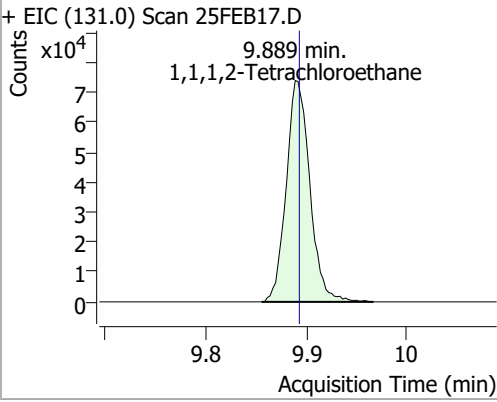
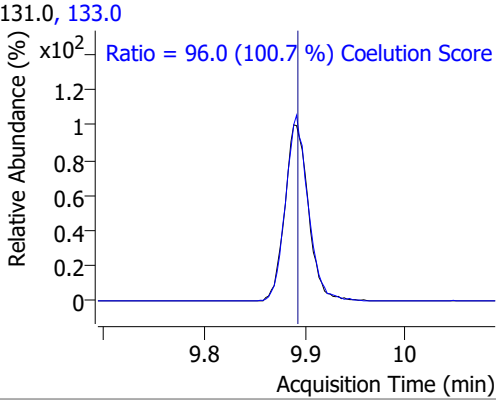
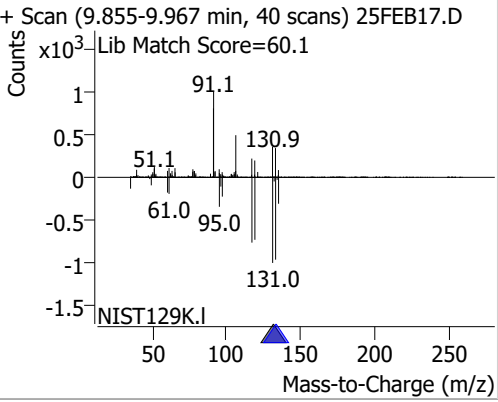
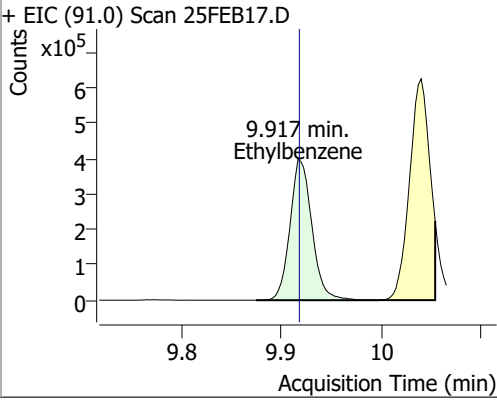
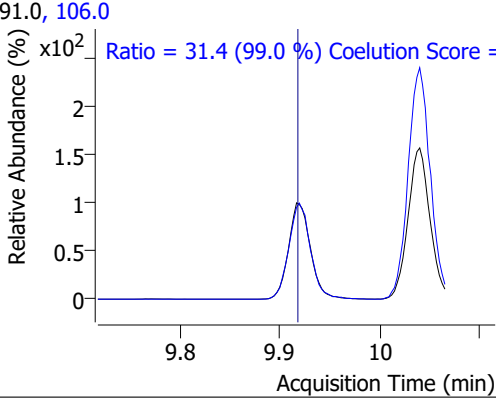
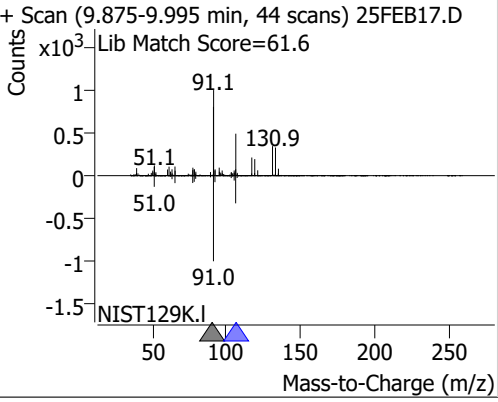
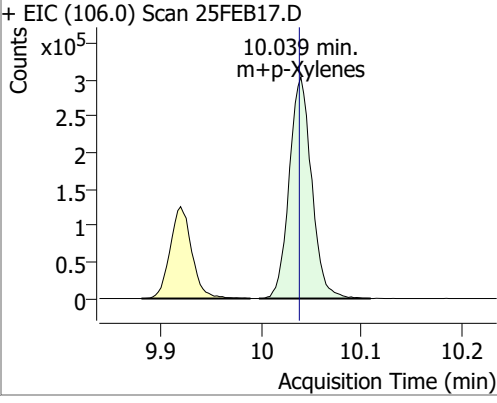
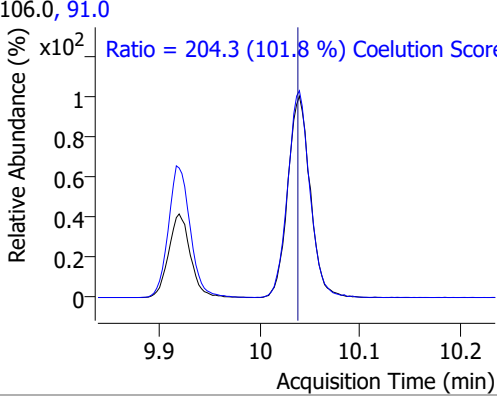
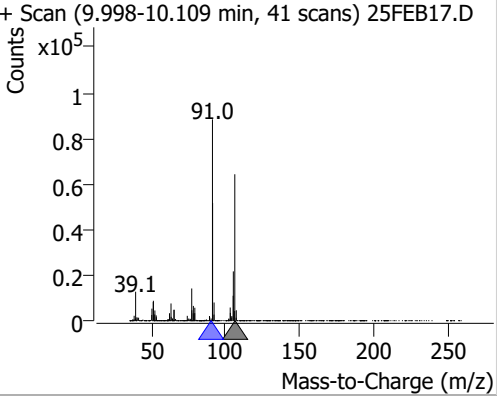
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 121.3735 | 9.20 | 0.00 | 99169 | 127.0 | 75.3 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 117.4811 | 9.30 | 0.00 | 65827 | 109.0 | 96.9 | 61.5 | 121.5 |

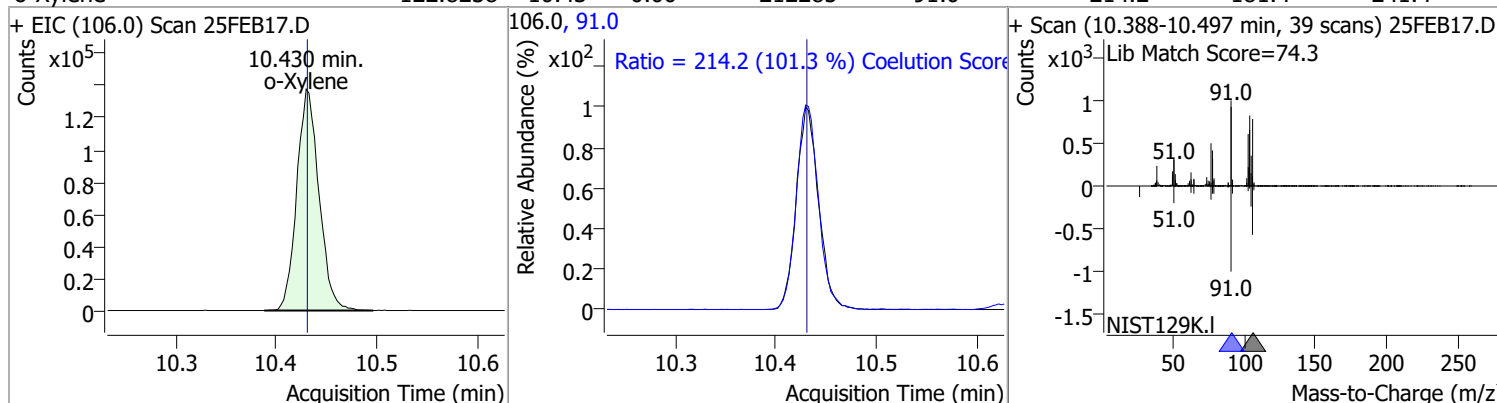


Quantitation Results Report (QT Reviewed)

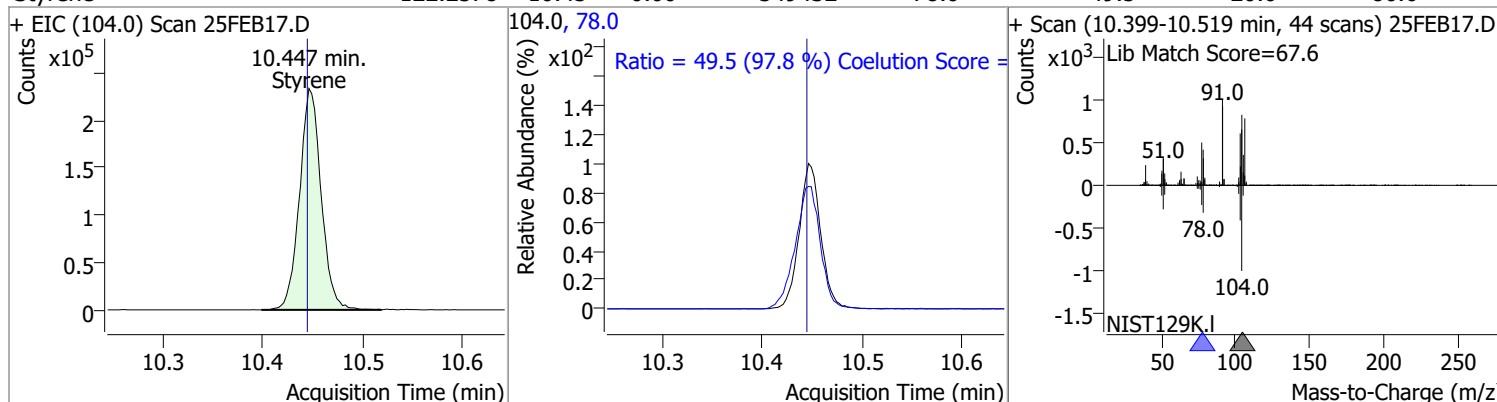
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|-------|---|--------|-------|---|-------|-------|
| Chlorobenzene | 124.1603 | 9.80 | 0.00 | 353643 | 114.0 | 31.9 | 2.2 | 62.2 |
| + EIC (112.0) Scan 25FEB17.D | | | 112.0, 114.0 | | | + Scan (9.758-9.881 min, 45 scans) 25FEB17.D | | |
|  |  | |  | | | | | |
| | | | Ratio = 31.9 (99.3 %) Coelution Score = | | | | | |
| 1,1,1,2-Tetrachloroethane | 120.9683 | 9.89 | -0.01 | 120891 | 133.0 | 96.0 | 65.3 | 125.3 |
| + EIC (131.0) Scan 25FEB17.D | | | 131.0, 133.0 | | | + Scan (9.855-9.967 min, 40 scans) 25FEB17.D | | |
|  |  | |  | | | | | |
| | | | Ratio = 96.0 (100.7 %) Coelution Score = | | | | | |
| Ethylbenzene | 121.5337 | 9.92 | 0.00 | 602637 | 106.0 | 31.4 | 1.7 | 61.7 |
| + EIC (91.0) Scan 25FEB17.D | | | 91.0, 106.0 | | | + Scan (9.875-9.995 min, 44 scans) 25FEB17.D | | |
|  |  | |  | | | | | |
| | | | Ratio = 31.4 (99.0 %) Coelution Score = | | | | | |
| m+p-Xylenes | 238.0621 | 10.04 | 0.00 | 470033 | 91.0 | 204.3 | 170.7 | 230.7 |
| + EIC (106.0) Scan 25FEB17.D | | | 106.0, 91.0 | | | + Scan (9.998-10.109 min, 41 scans) 25FEB17.D | | |
|  |  | |  | | | | | |
| | | | Ratio = 204.3 (101.8 %) Coelution Score = | | | | | |

Quantitation Results Report (QT Reviewed)

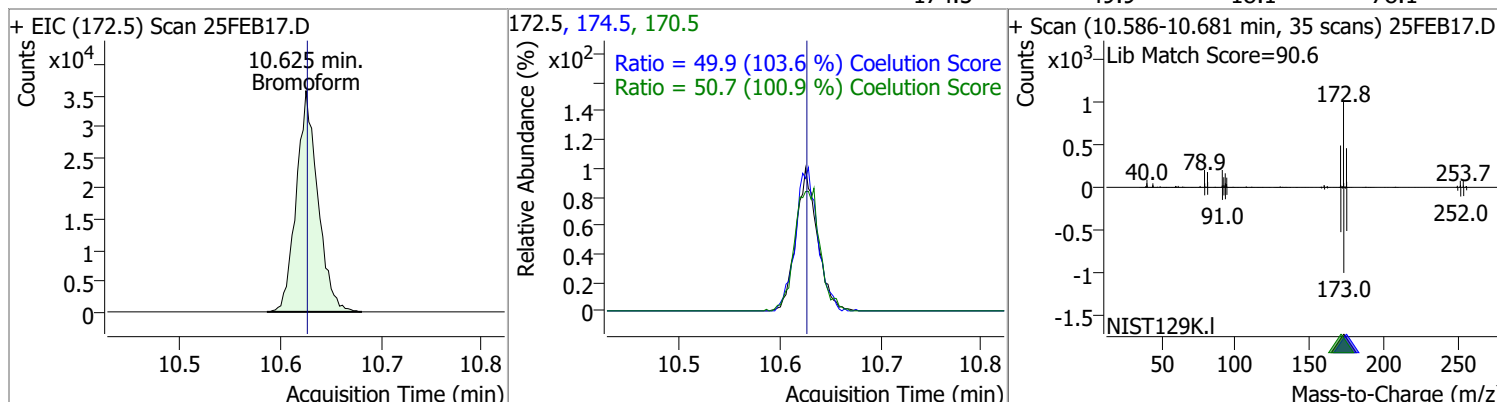
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 122.8238 | 10.43 | 0.00 | 212285 | 91.0 | 214.2 | 181.4 | 241.4 |



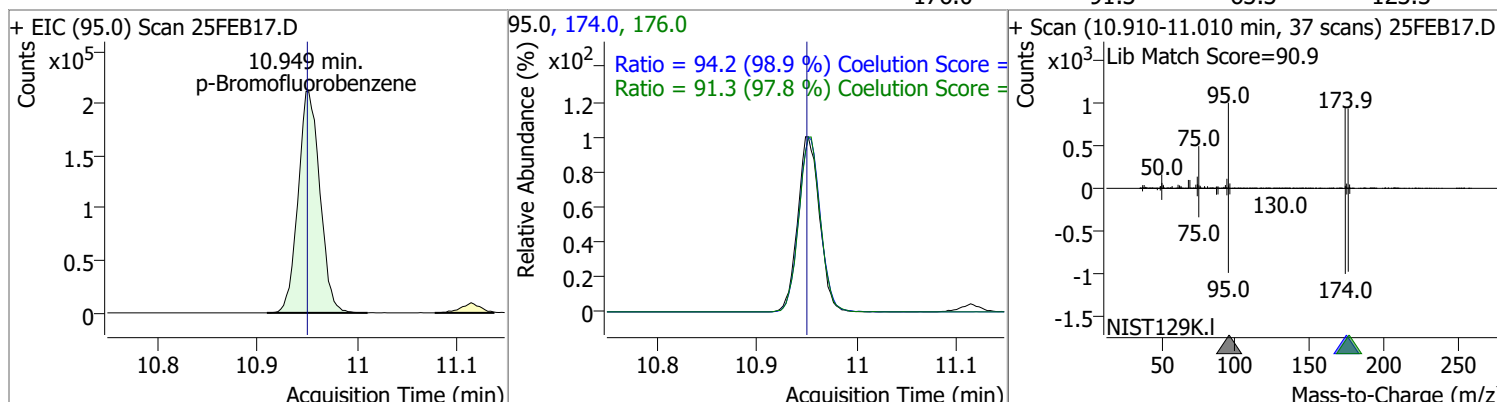
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 122.2578 | 10.45 | 0.00 | 349432 | 78.0 | 49.5 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 120.8779 | 10.63 | 0.00 | 53295 | 170.5 | 50.7 | 20.3 | 80.3 |
| | | | | | 174.5 | 49.9 | 18.1 | 78.1 |

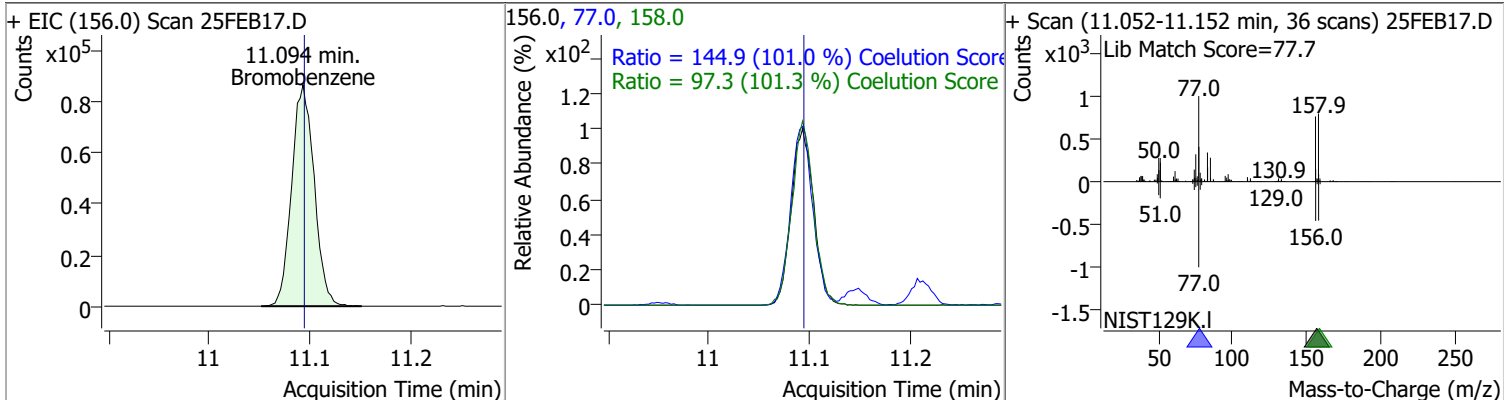


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 262.5672 | 10.95 | 0.00 | 318984 | 174.0 | 94.2 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.3 | 63.3 | 123.3 |

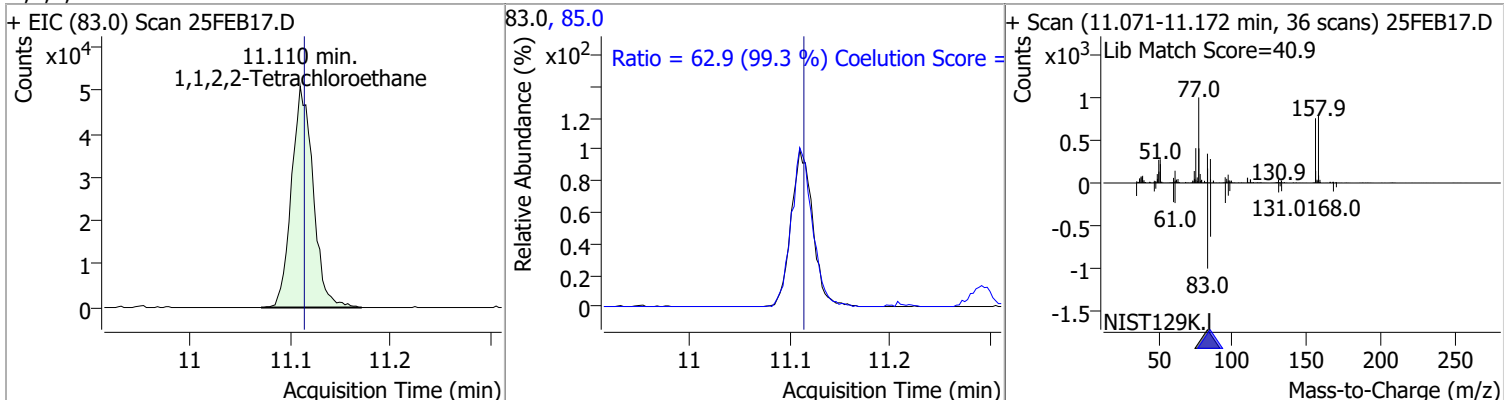


Quantitation Results Report (QT Reviewed)

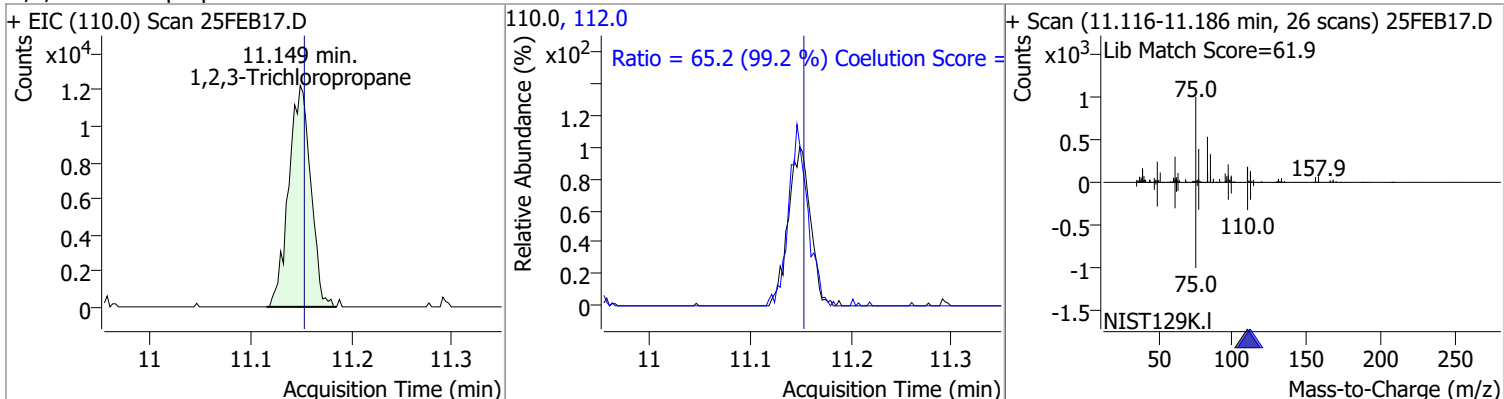
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 125.6679 | 11.09 | 0.00 | 134634 | 77.0 | 144.9 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.3 | 66.1 | 126.1 |



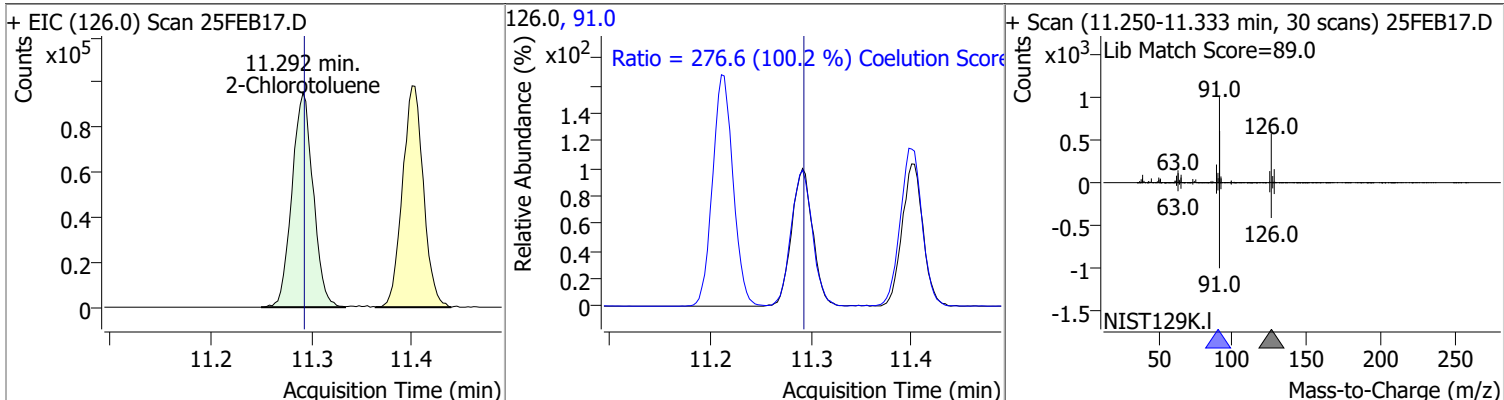
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 124.7485 | 11.11 | 0.00 | 76232 | 85.0 | 62.9 | 33.3 | 93.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 116.5593 | 11.15 | 0.00 | 18714 | 112.0 | 65.2 | 35.8 | 95.8 |

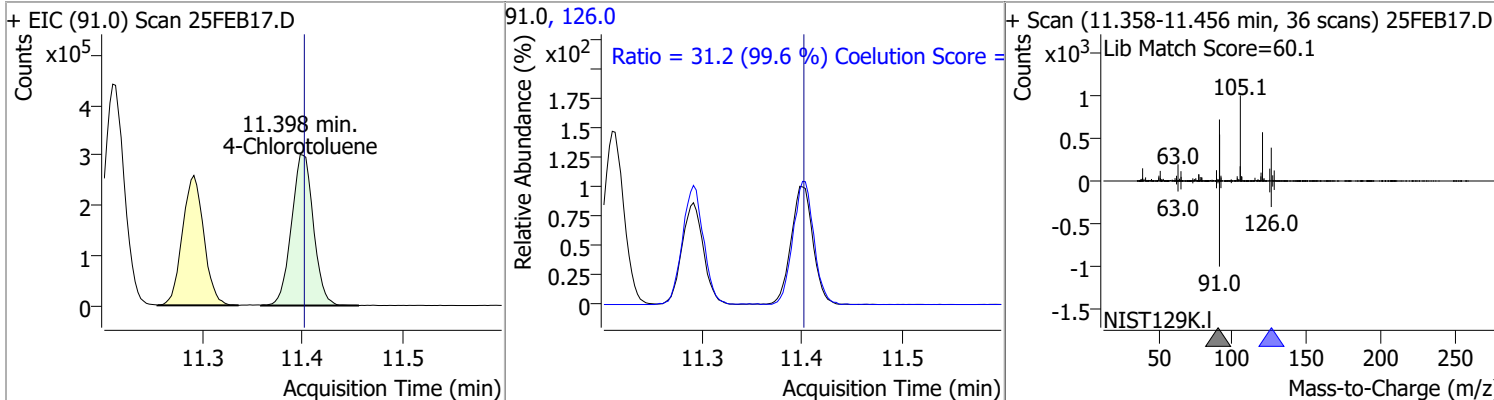


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 131.7403 | 11.29 | 0.00 | 139688 | 91.0 | 276.6 | 246.2 | 306.2 |

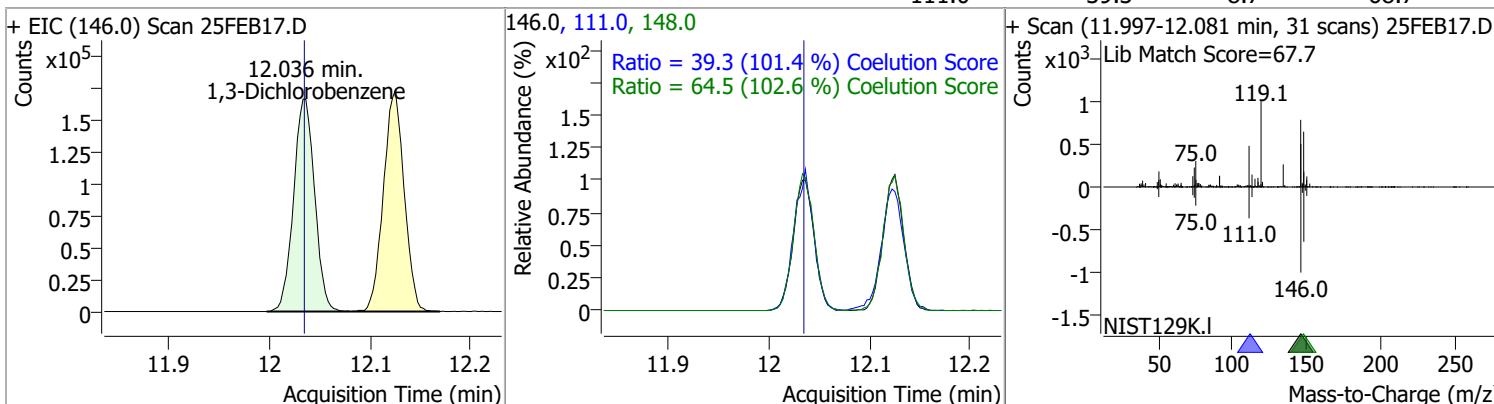


Quantitation Results Report (QT Reviewed)

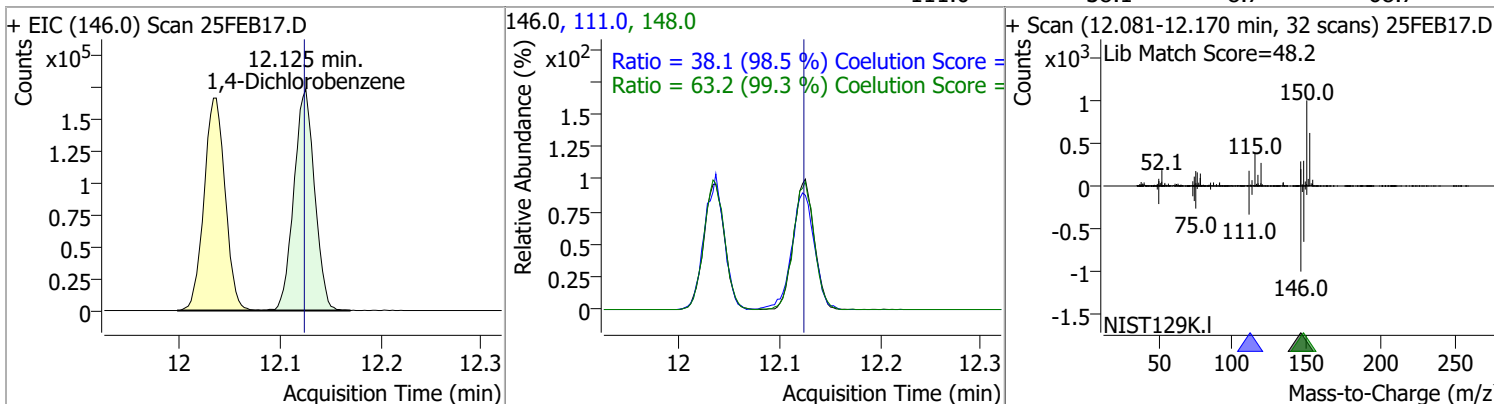
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 4-Chlorotoluene | 133.3176 | 11.40 | 0.00 | 457854 | 126.0 | 31.2 | 1.3 | 61.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,3-Dichlorobenzene | 124.9591 | 12.04 | 0.00 | 242555 | 148.0 | 64.5 | 32.8 | 92.8 |
| | | | | | 111.0 | 39.3 | 8.7 | 68.7 |

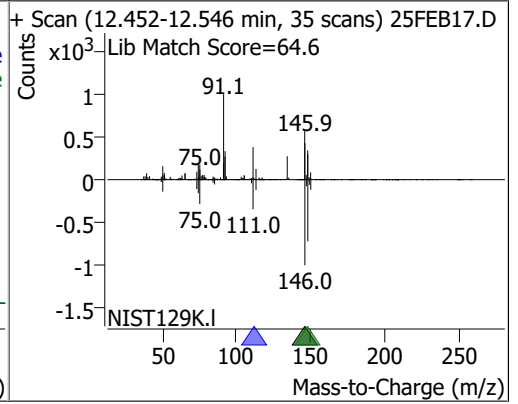
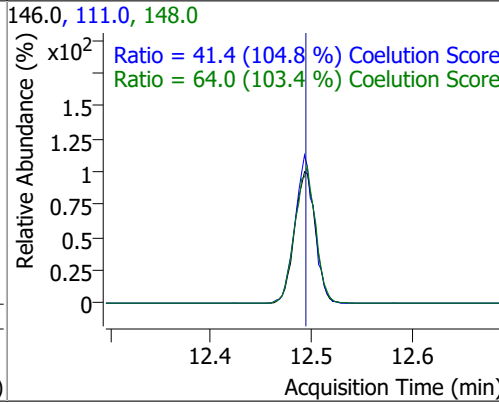
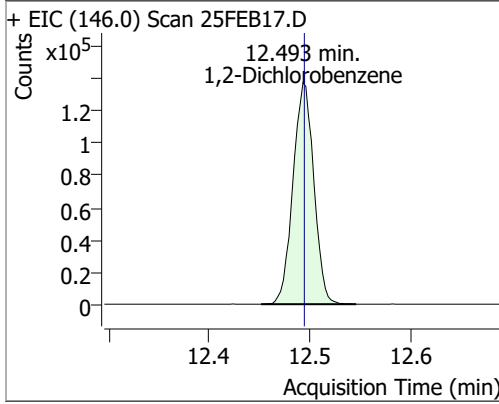


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,4-Dichlorobenzene | 125.2808 | 12.13 | 0.00 | 247917 | 148.0 | 63.2 | 33.7 | 93.7 |
| | | | | | 111.0 | 38.1 | 8.7 | 68.7 |



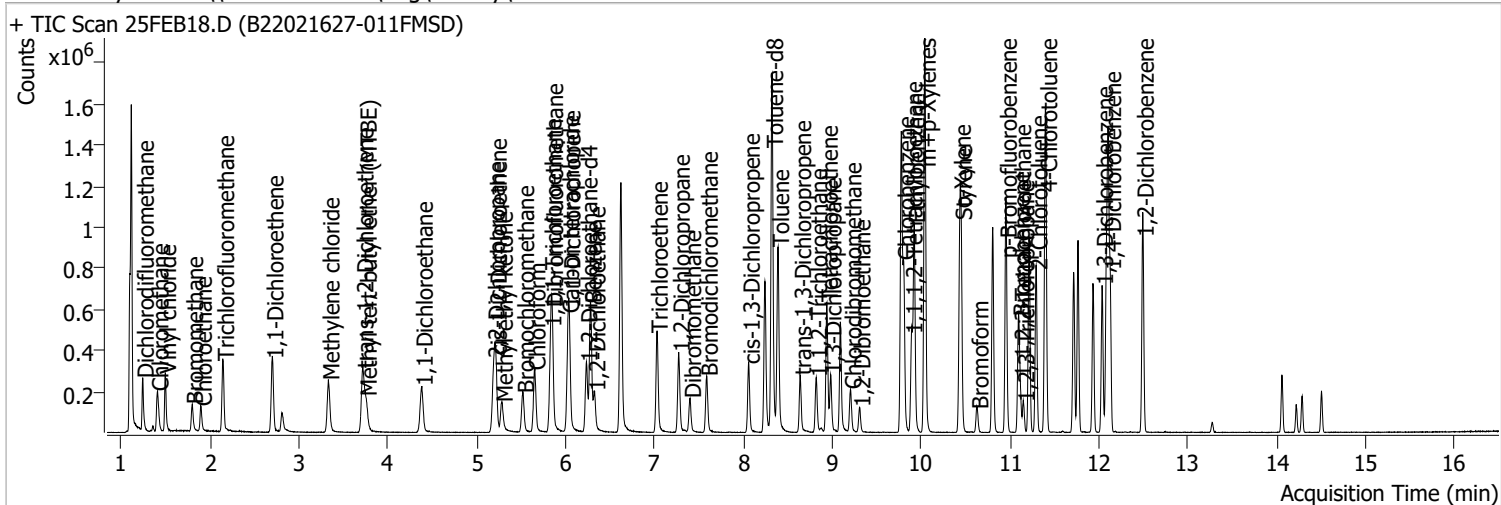
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 122.5483 | 12.49 | 0.00 | 198598 | 148.0 | 64.0 | 31.9 | 91.9 |
| | | | | | 111.0 | 41.4 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB18.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 6:03:50 PM |
| Sample Name | B22021627-011FMSD | Instrument | VOA5975C |
| Vial | 18 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



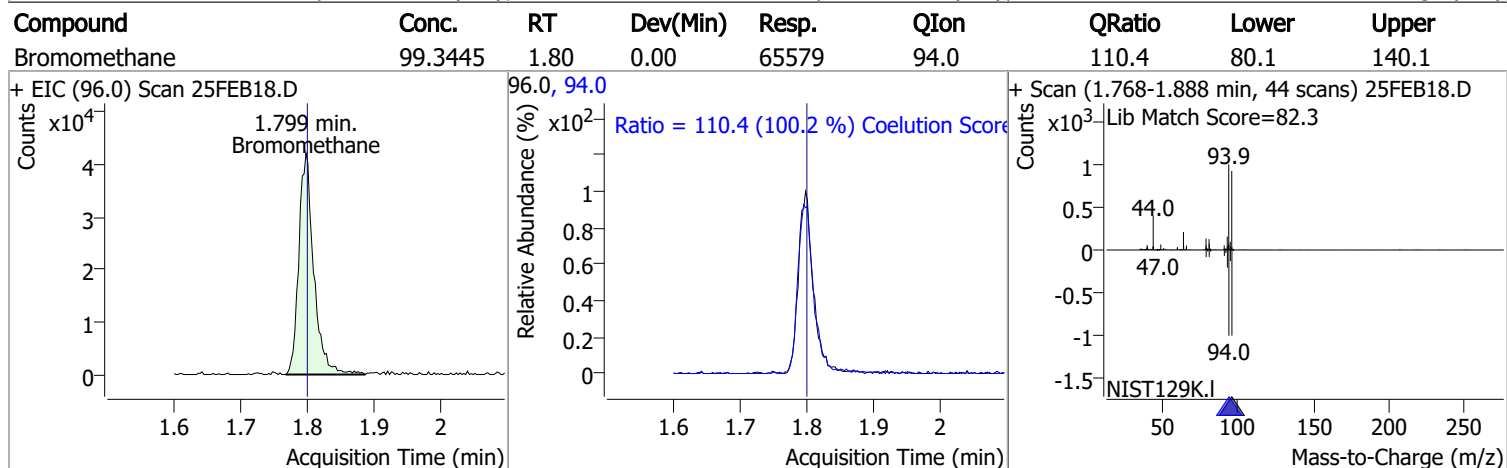
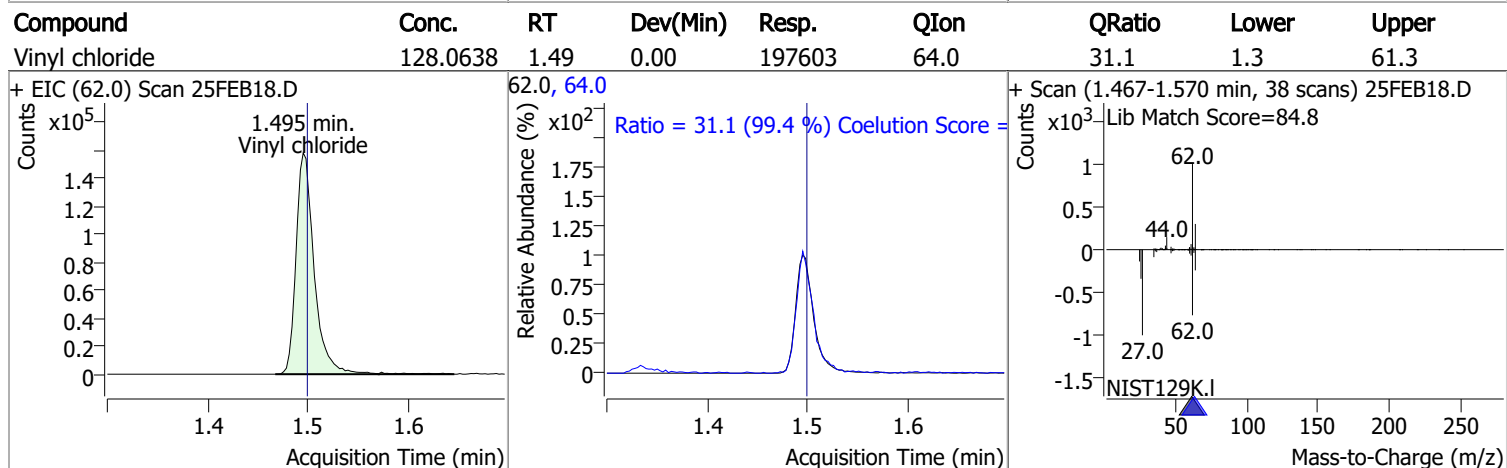
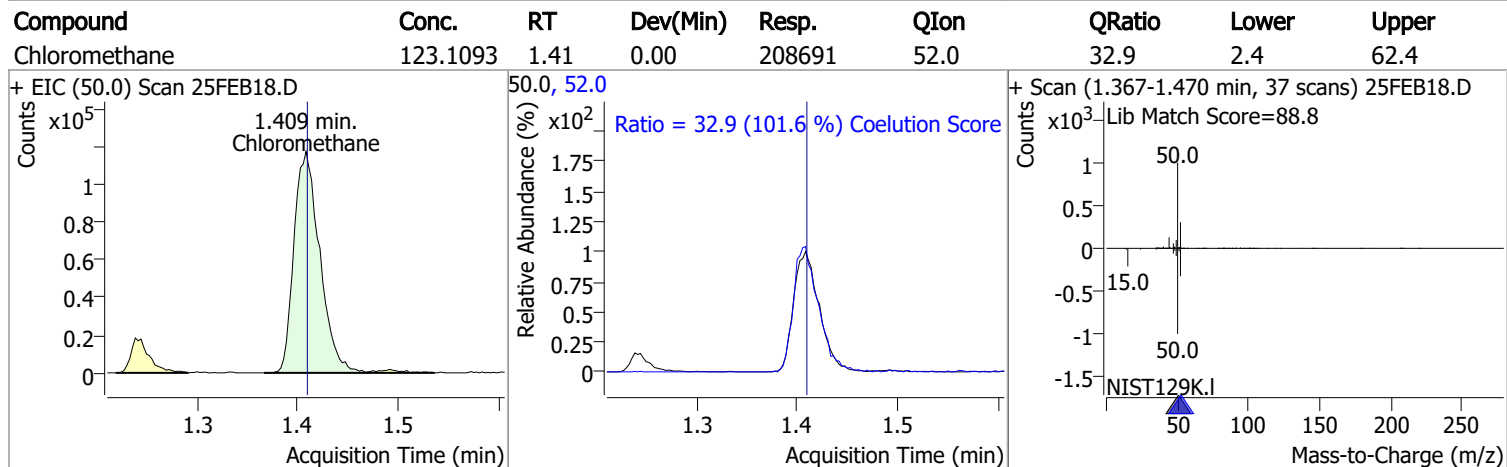
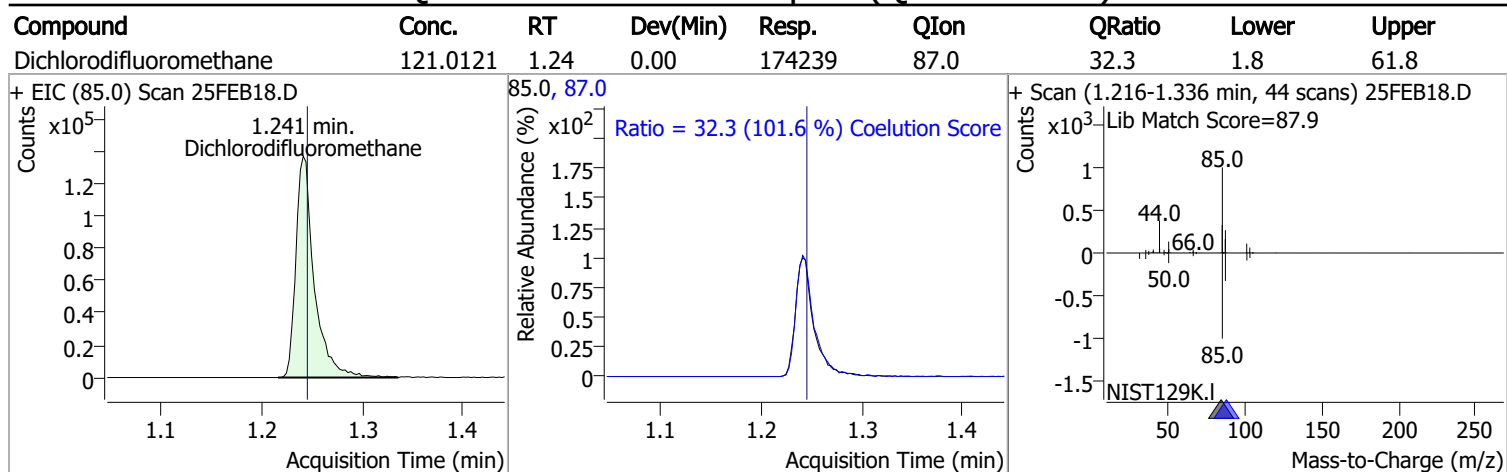
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|--------|-------|---------|---|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 1070816 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.774 | 82.0 | 406505 | 250.0000 | ng | 0.000 |
| M 1,4-Dichlorobenzene-d4 | 12.103 | 152.0 | 332934 | 250.0000 | ng | 0.003 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.848 | 113.0 | 276714 | 266.7963 | ng | -0.003 |
| Spiked Amount: 250.000 | | | | Range: 80.0 - 119.0% Recovery = 106.72% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 122958 | 274.4405 | ng | 0.003 |
| Spiked Amount: 250.000 | | | | Range: 81.0 - 118.0% Recovery = 109.78% | | |
| S Toluene-d8 | 8.322 | 98.0 | 1092933 | 275.5862 | ng | 0.003 |
| Spiked Amount: 250.000 | | | | Range: 89.0 - 112.0% Recovery = 110.23% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 323252 | 262.9626 | ng | 0.003 |
| Spiked Amount: 250.000 | | | | Range: 85.0 - 114.0% Recovery = 105.19% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.241 | 85.0 | 174239 | 121.0121 | ng | 99 |
| T Chloromethane | 1.409 | 50.0 | 208691 | 123.1093 | ng | 99 |
| T Vinyl chloride | 1.495 | 62.0 | 197603 | 128.0638 | ng | 100 |
| T Bromomethane | 1.799 | 96.0 | 65579 | 99.3445 | ng | 100 |
| T Chloroethane | 1.894 | 64.0 | 86442 | 118.4106 | ng | 97 |
| T Trichlorofluoromethane | 2.145 | 101.0 | 248212 | 134.1486 | ng | 97 |
| T 1,1-Dichloroethene | 2.702 | 96.0 | 131974 | 122.5827 | ng | 96 |
| T Methylene chloride | 3.330 | 49.0 | 184618 | 117.9438 | ng | 99 |
| T trans-1,2-Dichloroethene | 3.715 | 96.0 | 134648 | 121.0649 | ng | 98 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 169582 | 121.9920 | ng | 100 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 257802 | 123.8533 | ng | 98 |
| T 2,2-Dichloropropane | 5.190 | 77.0 | 194463 | 123.9683 | ng | 98 |
| T cis-1,2-Dichloroethene | 5.215 | 96.0 | 139549 | 123.9209 | ng | 99 |
| T Methyl ethyl ketone | 5.282 | 43.0 | 199357 | 1224.9918 | ng | 99 |
| T Bromochloromethane | 5.522 | 128.0 | 53965 | 116.2269 | ng | 93 |
| T Chloroform | 5.650 | 83.0 | 243469 | 117.1462 | ng | 100 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.829 | 97.0 | 244035 | 127.2610 | ng | 99 |
| T Carbon tetrachloride | 6.027 | 117.0 | 235847 | 126.8124 | ng | 98 |
| T 1,1-Dichloropropene | 6.040 | 75.0 | 187720 | 120.7208 | ng | 99 |
| T Benzene | 6.280 | 78.0 | 534397 | 124.9254 | ng | 100 |
| T 1,2-Dichloroethane | 6.325 | 62.0 | 141421 | 119.6937 | ng | 99 |
| T Trichloroethene | 7.025 | 95.0 | 152046 | 124.9376 | ng | 98 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 138456 | 129.3999 | ng | 97 |
| T Dibromomethane | 7.399 | 93.0 | 57053 | 126.5025 | ng | 99 |
| T Bromodichloromethane | 7.585 | 83.0 | 163736 | 129.1083 | ng | 97 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 167052 | 120.0395 | ng | 98 |
| T Toluene | 8.388 | 92.0 | 346616 | 131.1212 | ng | 99 |
| T trans-1,3-Dichloropropene | 8.637 | 75.0 | 131389 | 129.4347 | ng | 99 |
| T 1,1,2-Trichloroethane | 8.818 | 83.0 | 65361 | 126.6288 | ng | 94 |
| T Tetrachloroethene | 8.938 | 163.8 | 135526 | 126.4301 | ng | 98 |
| T 1,3-Dichloropropane | 8.980 | 76.0 | 128544 | 123.0643 | ng | 99 |
| T Chlorodibromomethane | 9.203 | 129.0 | 103836 | 124.9099 | ng | 99 |
| T 1,2-Dibromoethane | 9.306 | 107.0 | 72991 | 128.0366 | ng | 98 |
| T Chlorobenzene | 9.800 | 112.0 | 371668 | 128.2549 | ng | 100 |
| T 1,1,1,2-Tetrachloroethane | 9.889 | 131.0 | 128090 | 125.9777 | ng | 98 |
| T Ethylbenzene | 9.919 | 91.0 | 632575 | 125.2423 | ng | 100 |
| T m+p-Xylenes | 10.039 | 106.0 | 500710 | 248.8905 | ng | 99 |
| T o-Xylene | 10.433 | 106.0 | 221515 | 125.8386 | ng | 99 |
| T Styrene | 10.449 | 104.0 | 367719 | 126.3041 | ng | 100 |
| T Bromoform | 10.631 | 172.5 | 54995 | 123.2722 | ng | 93 |
| T Bromobenzene | 11.096 | 156.0 | 142931 | 131.8491 | ng | 99 |
| T 1,1,2,2-Tetrachloroethane | 11.113 | 83.0 | 83528 | 135.0863 | ng | 100 |
| T 1,2,3-Trichloropropane | 11.149 | 110.0 | 20742 | 127.6769 | ng | 99 |
| T 2-Chlorotoluene | 11.294 | 126.0 | 143422 | 133.6770 | ng | 94 |
| T 4-Chlorotoluene | 11.403 | 91.0 | 478751 | 137.7690 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 262228 | 133.5113 | ng | 98 |
| T 1,4-Dichlorobenzene | 12.125 | 146.0 | 259614 | 129.6545 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.493 | 146.0 | 212237 | 129.4300 | ng | 97 |

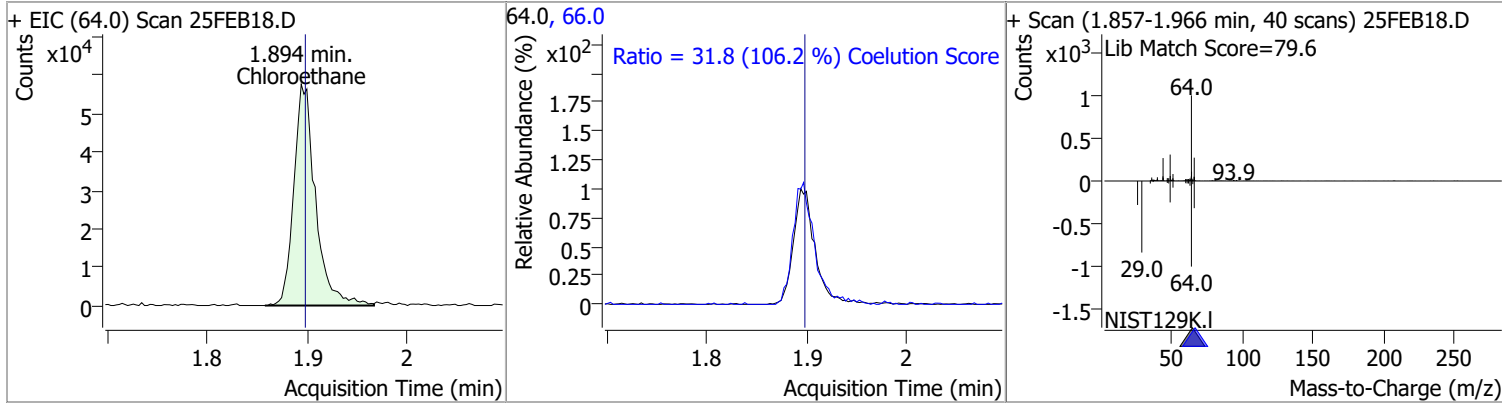
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

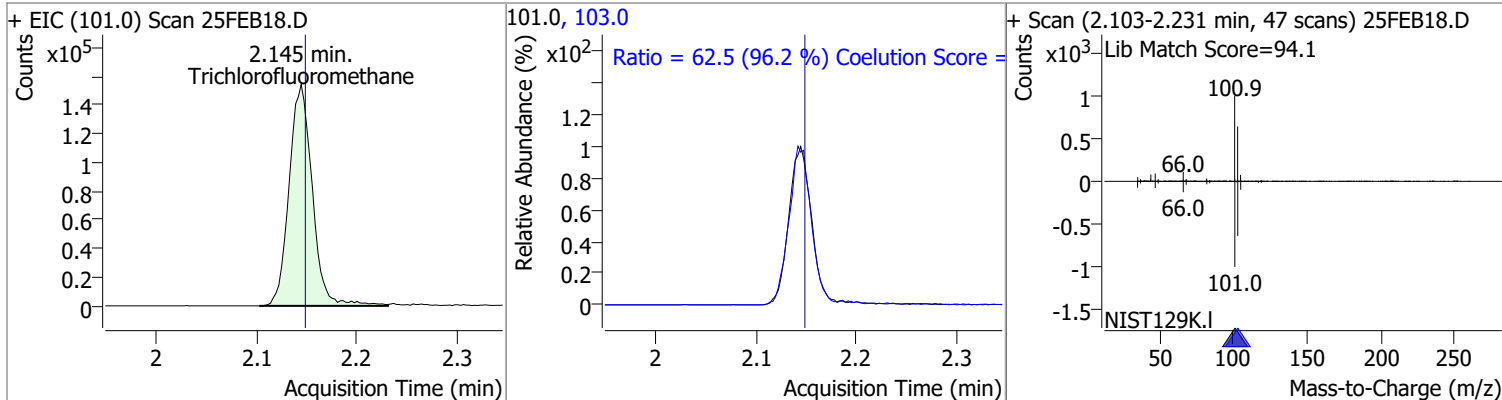


Quantitation Results Report (QT Reviewed)

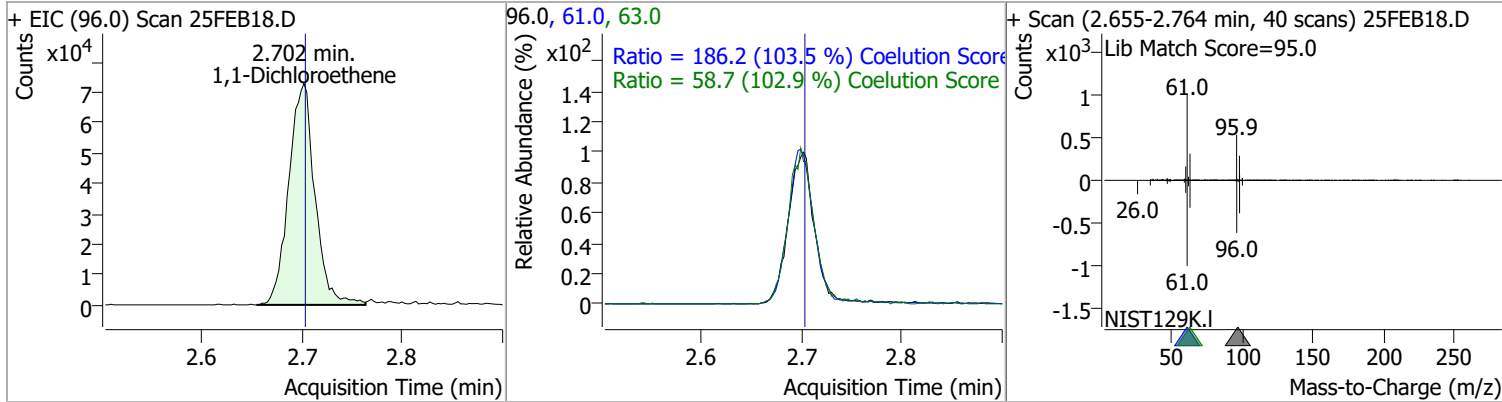
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 118.4106 | 1.89 | 0.00 | 86442 | 66.0 | 31.8 | 0.0 | 60.0 |



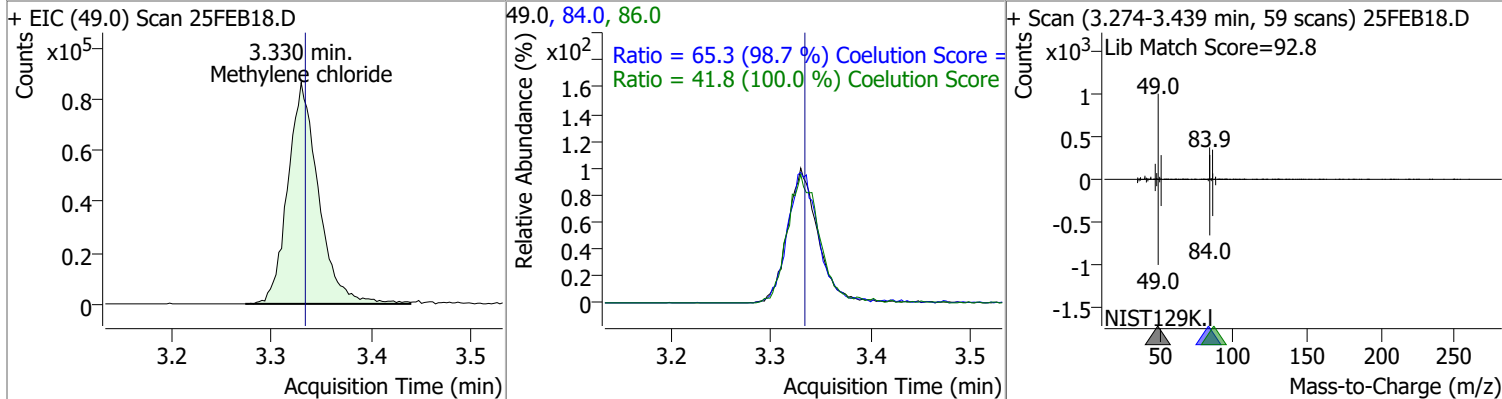
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 134.1486 | 2.14 | 0.00 | 248212 | 103.0 | 62.5 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 122.5827 | 2.70 | 0.00 | 131974 | 61.0 | 186.2 | 149.9 | 209.9 |
| | | | | | 63.0 | 58.7 | 27.0 | 87.0 |

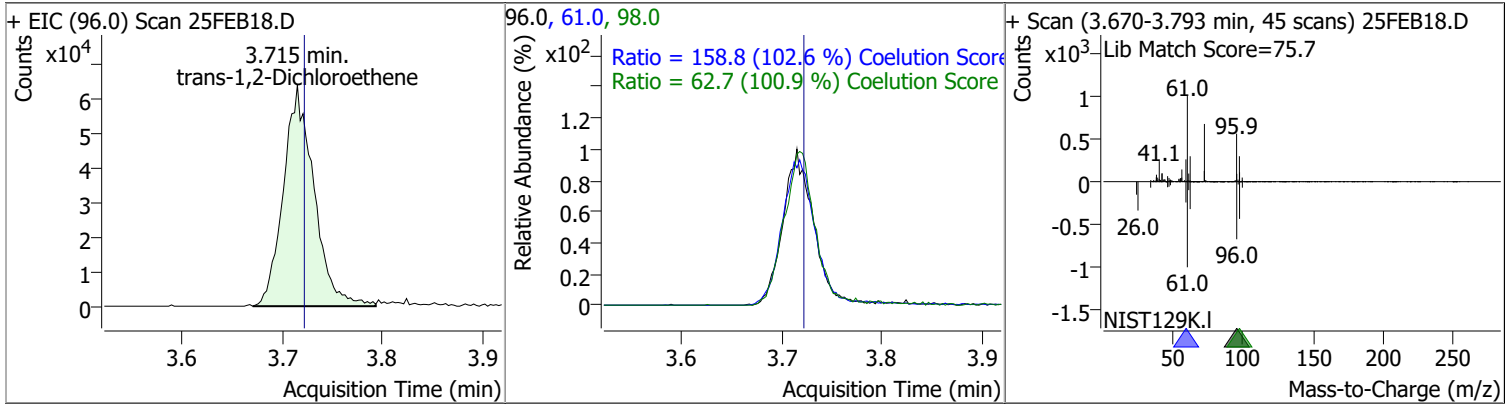


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 117.9438 | 3.33 | 0.00 | 184618 | 84.0 | 65.3 | 36.1 | 96.1 |
| | | | | | 86.0 | 41.8 | 11.8 | 71.8 |

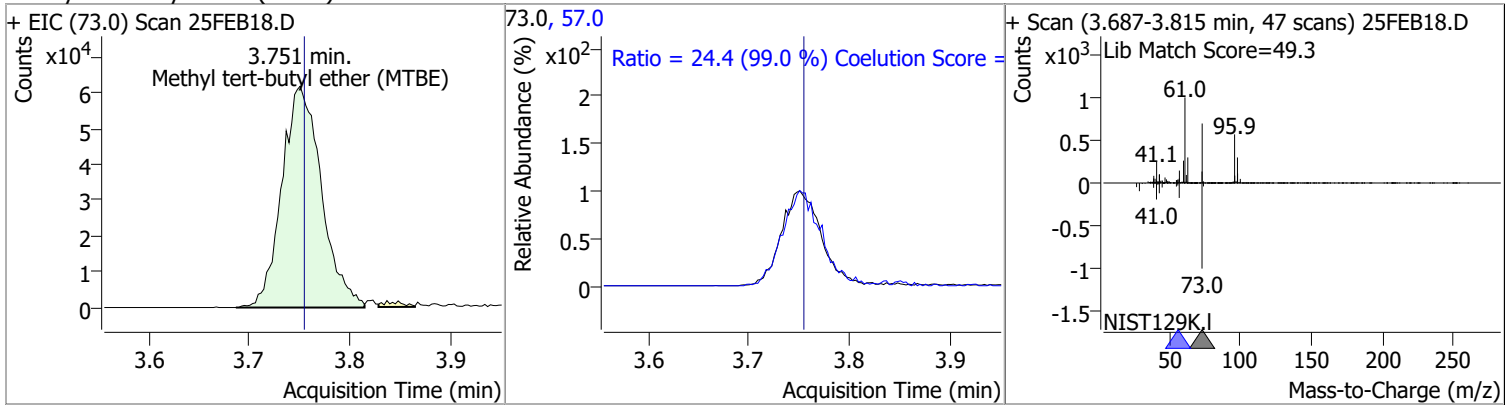


Quantitation Results Report (QT Reviewed)

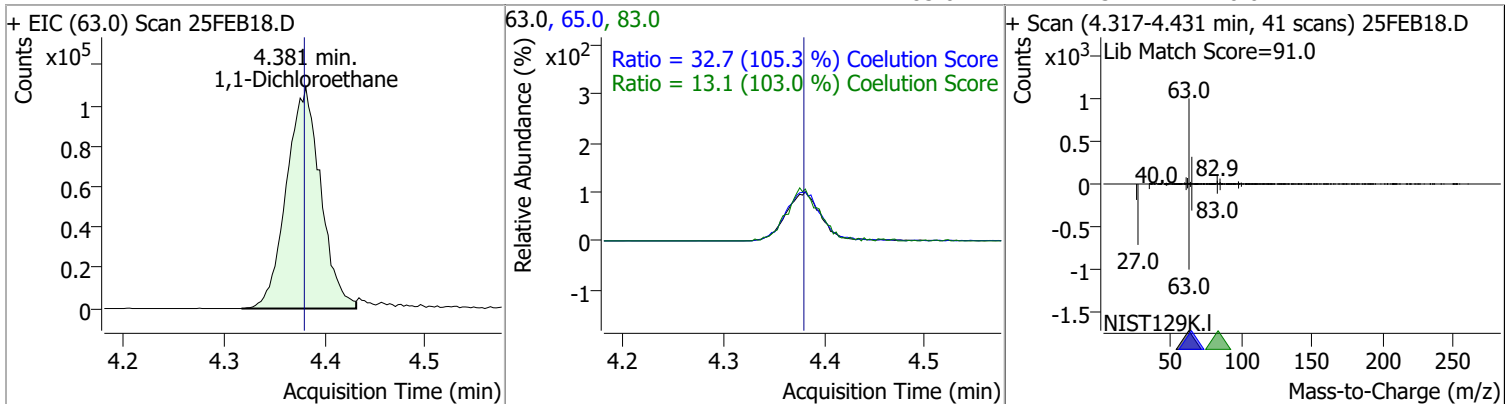
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 121.0649 | 3.71 | -0.01 | 134648 | 61.0 | 158.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 62.7 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 121.9920 | 3.75 | 0.00 | 169582 | 57.0 | 24.4 | 0.0 | 54.6 |

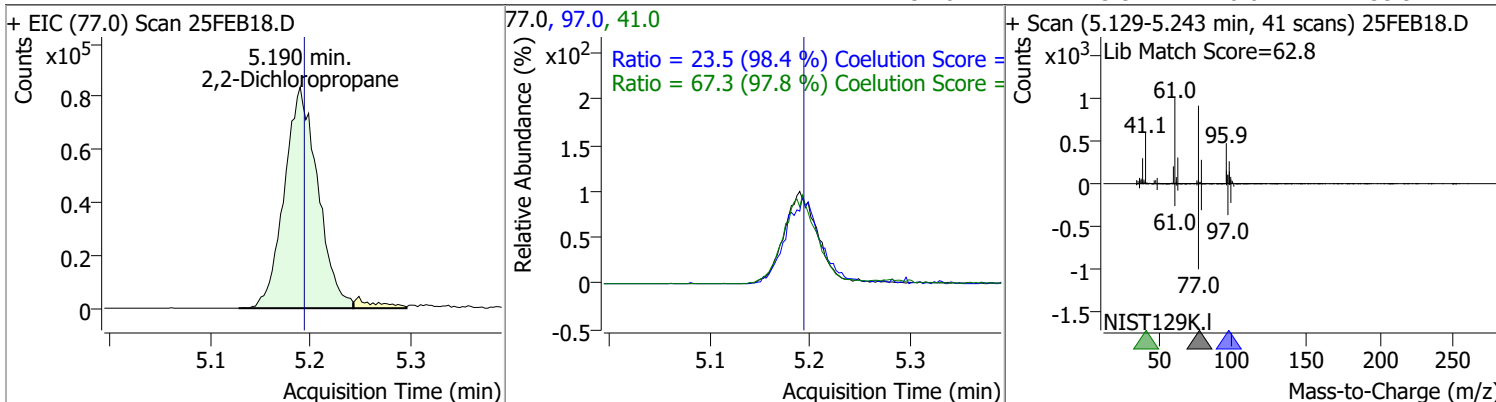


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 123.8533 | 4.38 | 0.00 | 257802 | 65.0 | 32.7 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.1 | 0.0 | 42.7 |

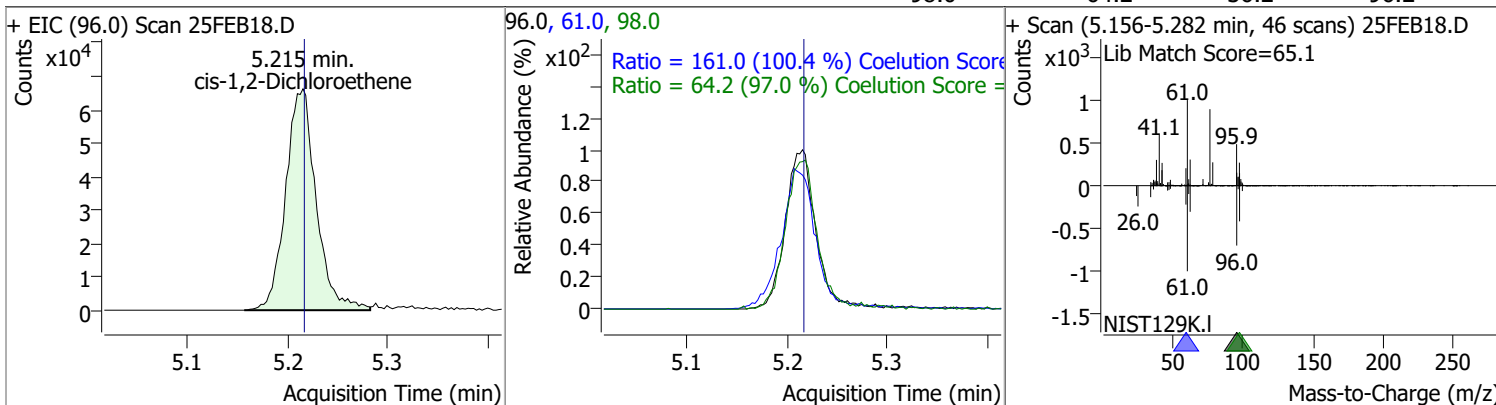


Quantitation Results Report (QT Reviewed)

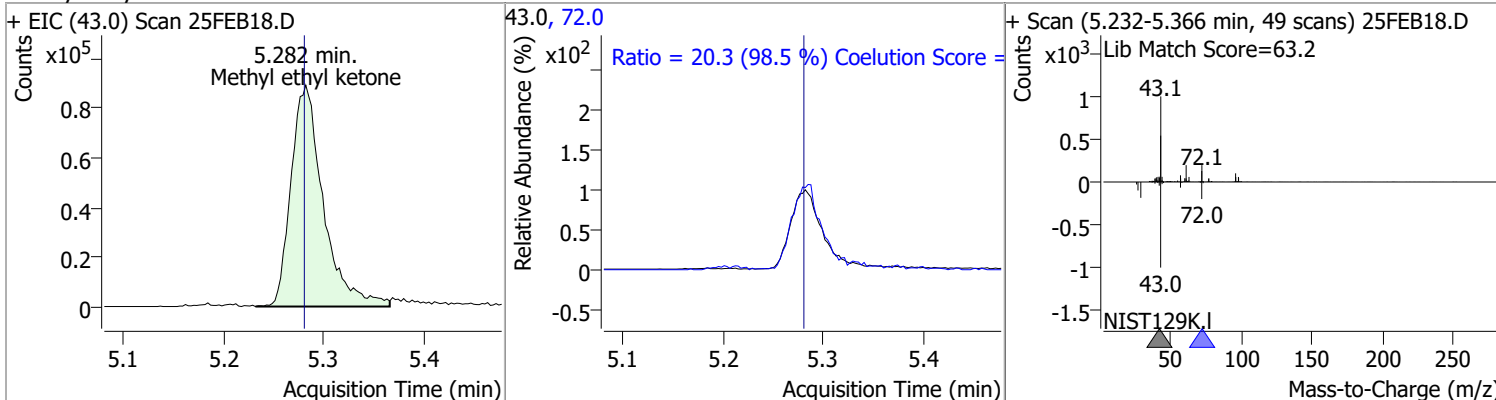
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 123.9683 | 5.19 | 0.00 | 194463 | 41.0 | 67.3 | 38.8 | 98.8 |
| | | | | | 97.0 | 23.5 | 0.0 | 53.9 |



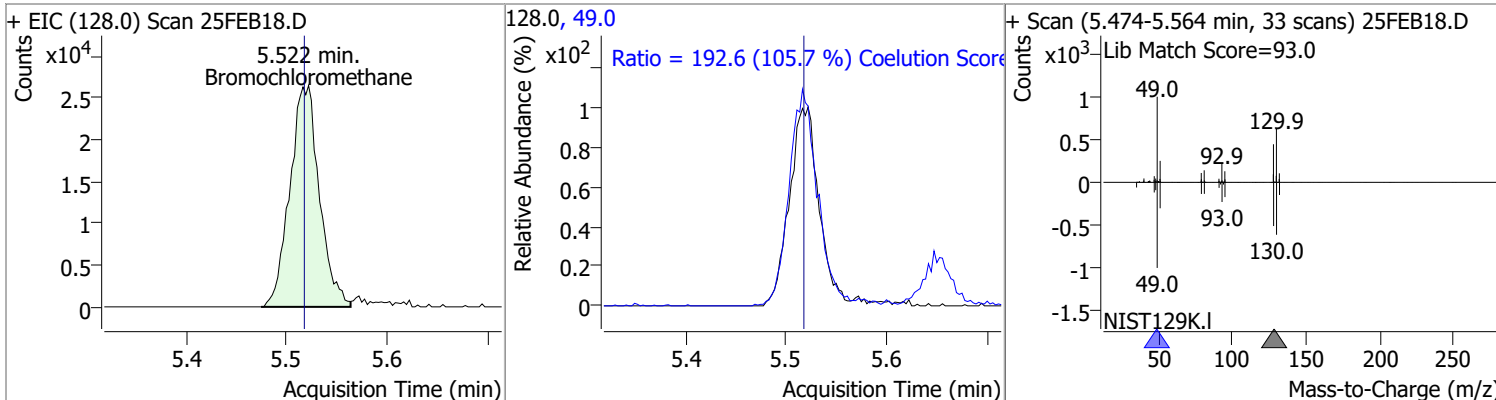
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 123.9209 | 5.22 | 0.00 | 139549 | 61.0 | 161.0 | 130.4 | 190.4 |
| | | | | | 98.0 | 64.2 | 36.2 | 96.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1224.9918 | 5.28 | 0.00 | 199357 | 72.0 | 20.3 | 0.0 | 50.6 |

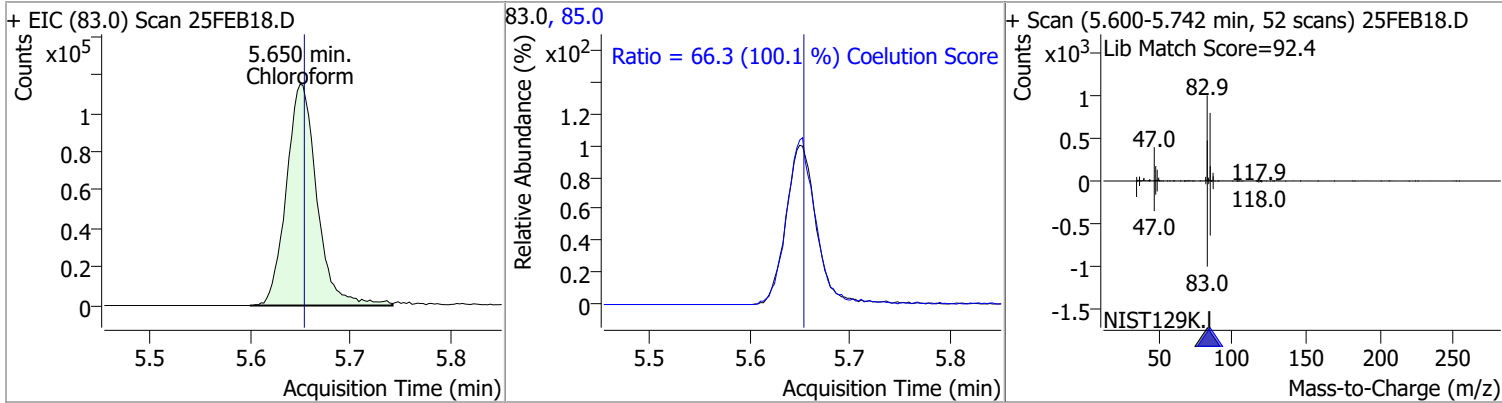


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 116.2269 | 5.52 | 0.01 | 53965 | 49.0 | 192.6 | 152.2 | 212.2 |

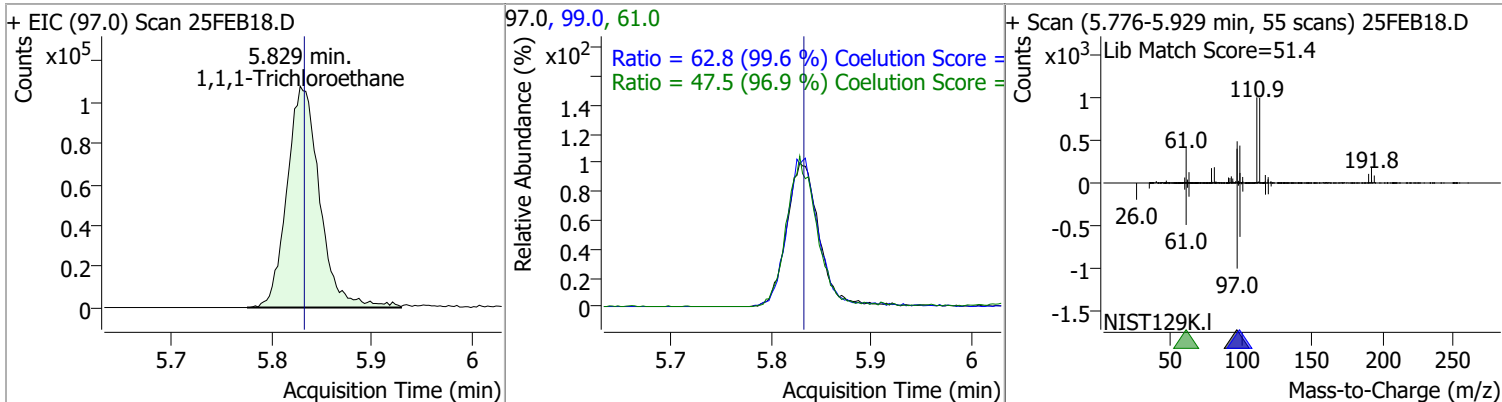


Quantitation Results Report (QT Reviewed)

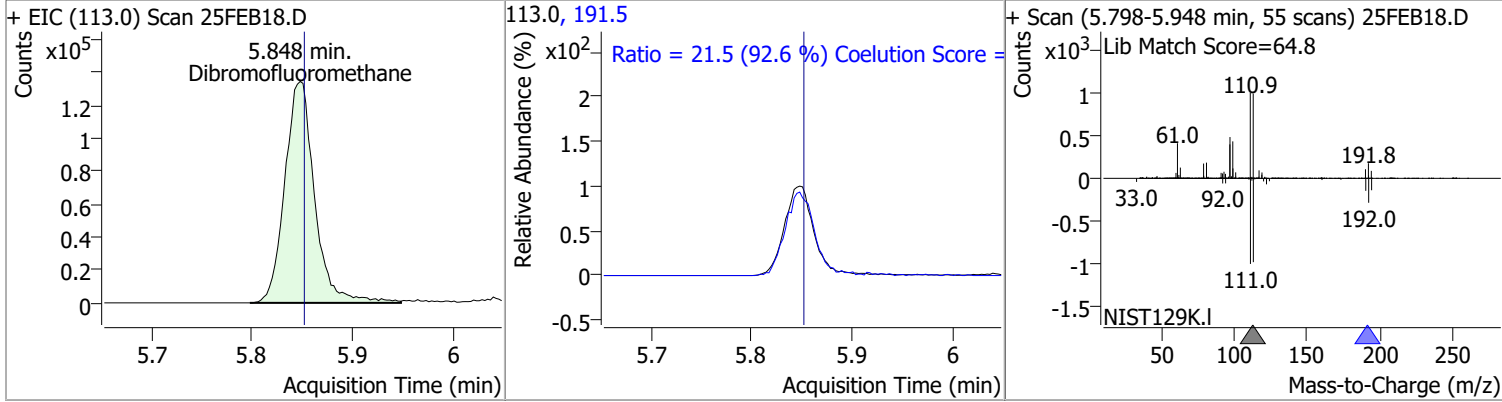
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|------|--------|-------|-------|
| Chloroform | 117.1462 | 5.65 | 0.00 | 243469 | 85.0 | 66.3 | 36.2 | 96.2 |



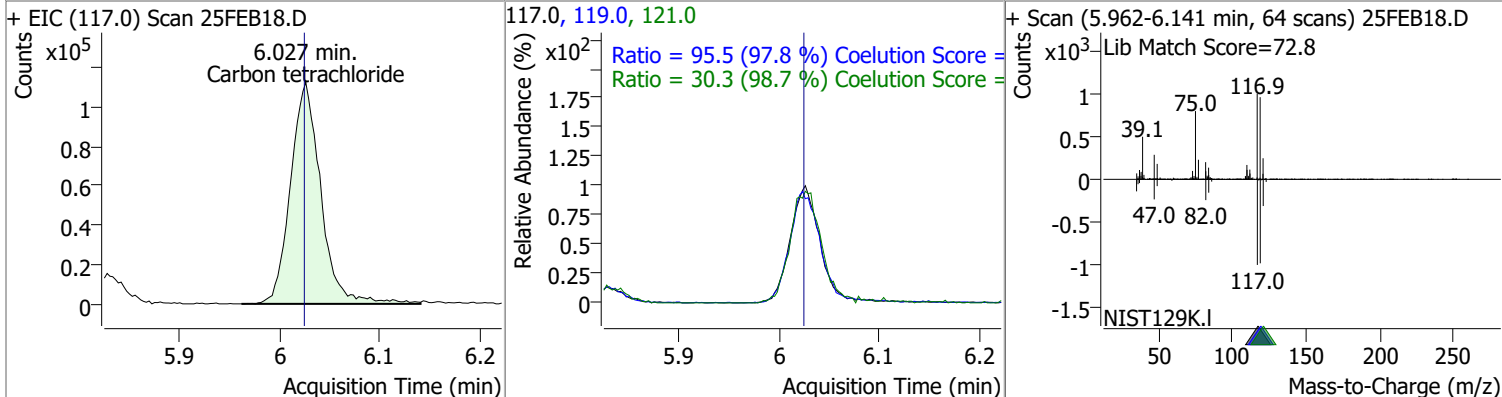
| | | | | | | | | |
|-----------------------|----------|------|------|--------|------|------|------|------|
| 1,1,1-Trichloroethane | 127.2610 | 5.83 | 0.00 | 244035 | 99.0 | 62.8 | 33.1 | 93.1 |
| | | | | | 61.0 | 47.5 | 19.1 | 79.1 |



| | | | | | | | | |
|----------------------|----------|------|------|--------|-------|------|-----|------|
| Dibromofluoromethane | 266.7963 | 5.85 | 0.00 | 276714 | 191.5 | 21.5 | 0.0 | 53.2 |
|----------------------|----------|------|------|--------|-------|------|-----|------|

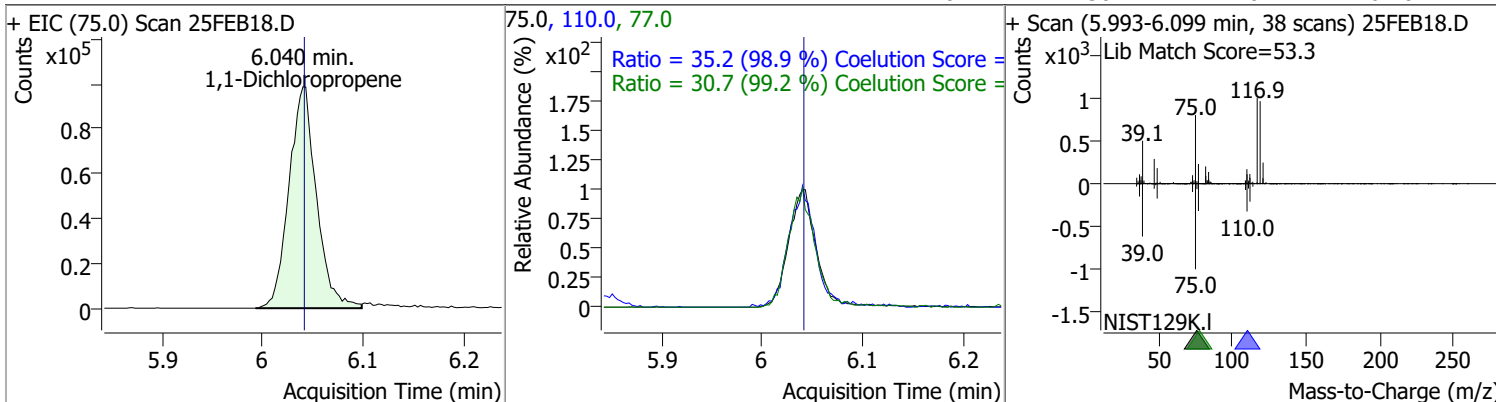


| | | | | | | | | |
|----------------------|----------|------|------|--------|-------|------|------|-------|
| Carbon tetrachloride | 126.8124 | 6.03 | 0.00 | 235847 | 119.0 | 95.5 | 67.6 | 127.6 |
| | | | | | 121.0 | 30.3 | 0.7 | 60.7 |

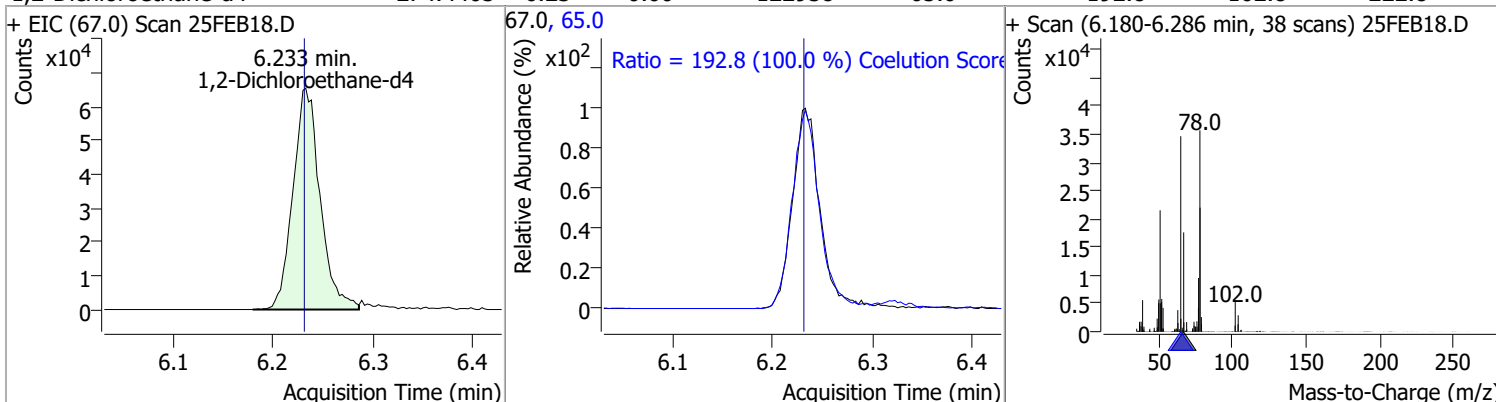


Quantitation Results Report (QT Reviewed)

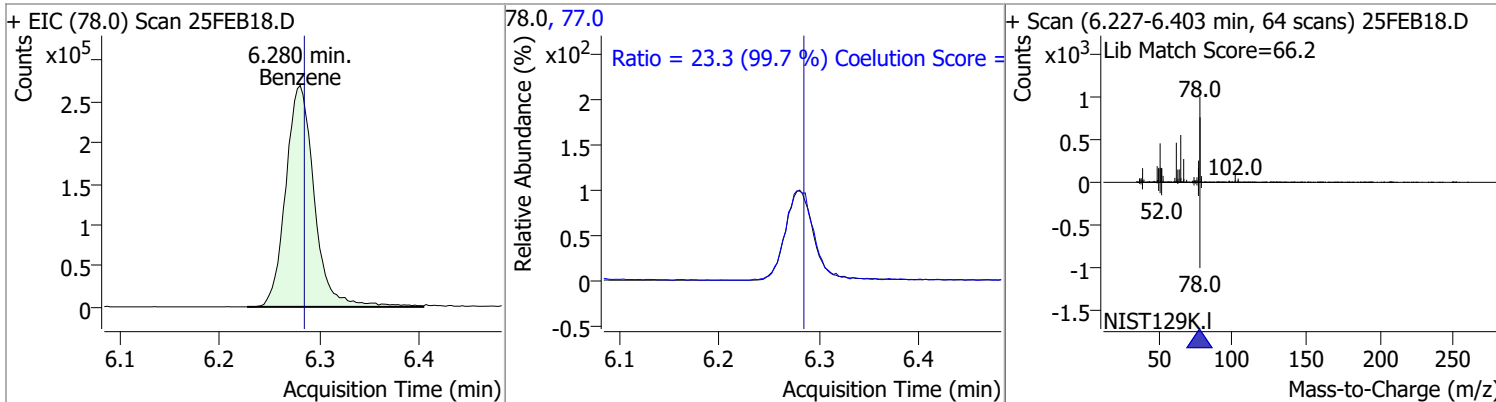
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 120.7208 | 6.04 | 0.00 | 187720 | 110.0 | 35.2 | 5.6 | 65.6 |
| | | | | | 77.0 | 30.7 | 1.0 | 61.0 |



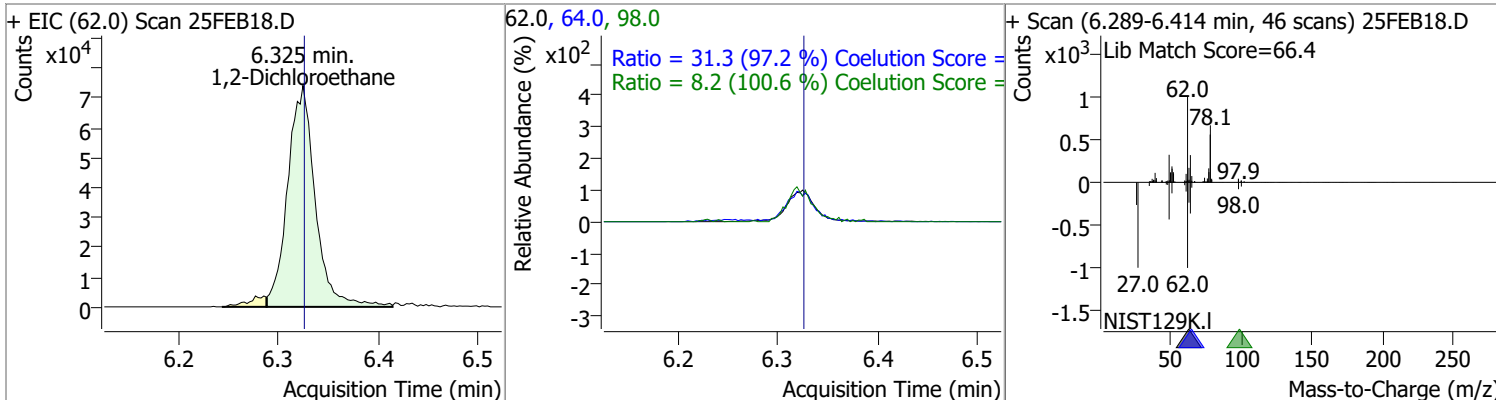
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 274.4405 | 6.23 | 0.00 | 122958 | 65.0 | 192.8 | 162.8 | 222.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 124.9254 | 6.28 | 0.00 | 534397 | 77.0 | 23.3 | 0.0 | 53.3 |

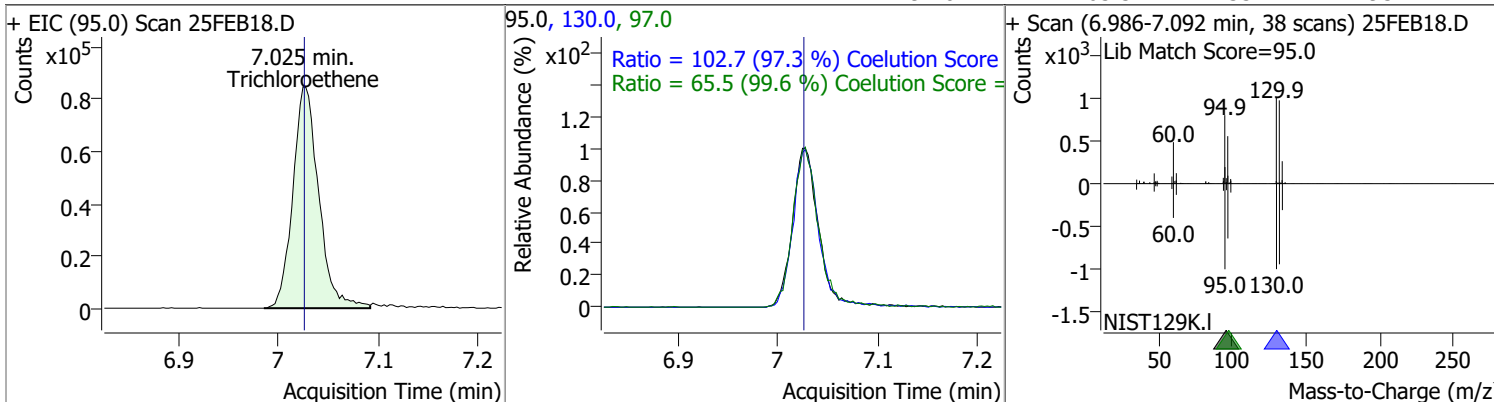


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 119.6937 | 6.32 | 0.00 | 141421 | 64.0 | 31.3 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.2 | 0.0 | 38.2 |

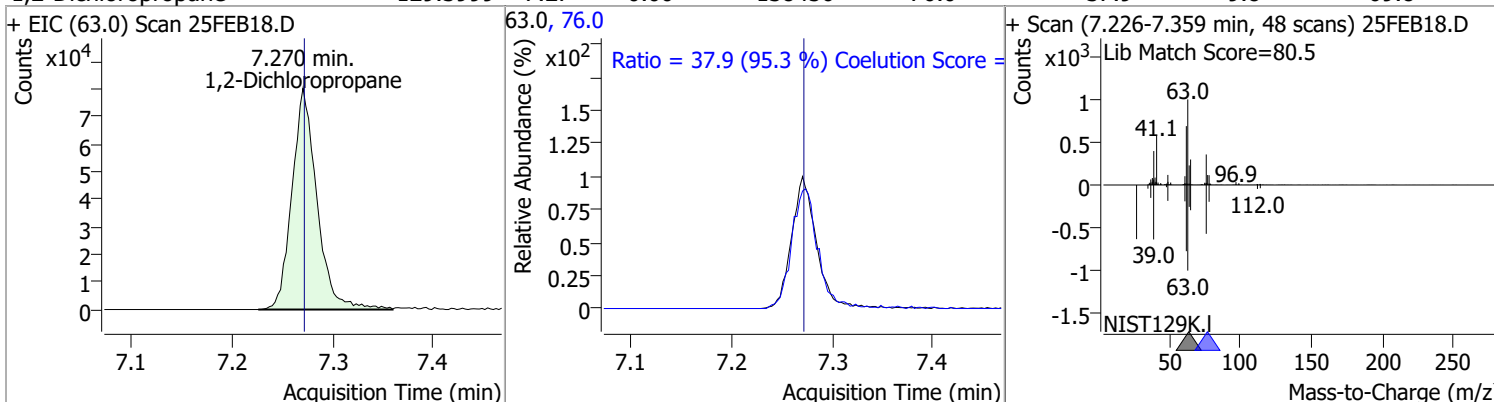


Quantitation Results Report (QT Reviewed)

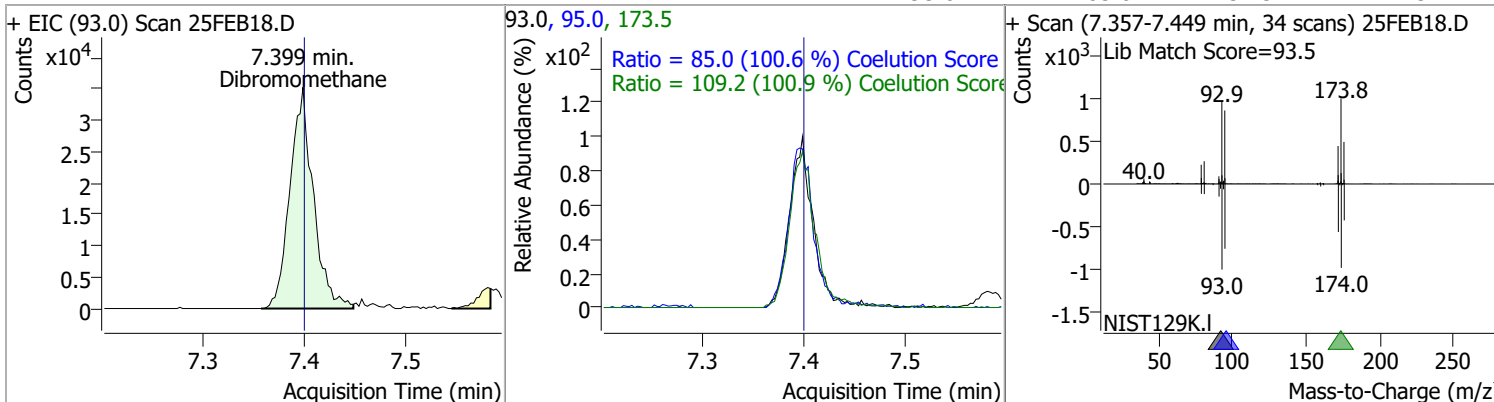
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 124.9376 | 7.02 | 0.00 | 152046 | 130.0 | 102.7 | 75.6 | 135.6 |
| | | | | | 97.0 | 65.5 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 129.3999 | 7.27 | 0.00 | 138456 | 76.0 | 37.9 | 9.8 | 69.8 |

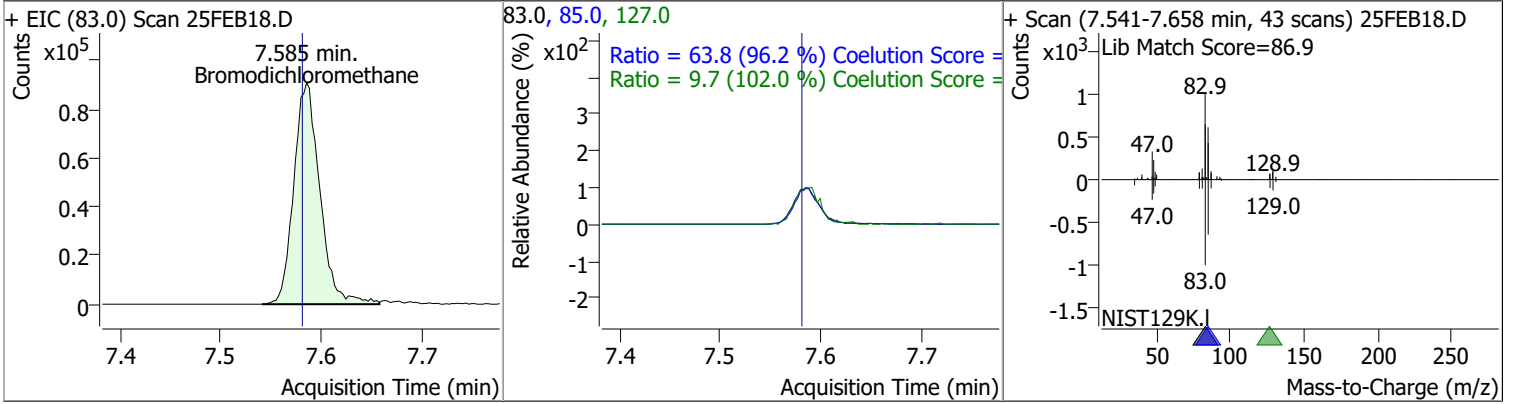


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 126.5025 | 7.40 | 0.00 | 57053 | 173.5 | 109.2 | 78.2 | 138.2 |
| | | | | | 95.0 | 85.0 | 54.5 | 114.5 |

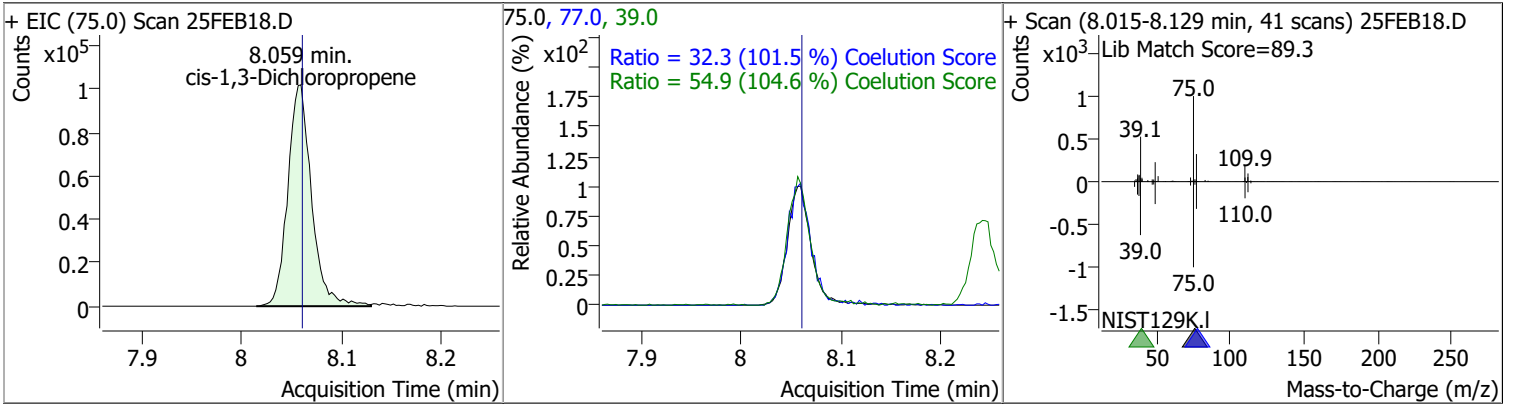


Quantitation Results Report (QT Reviewed)

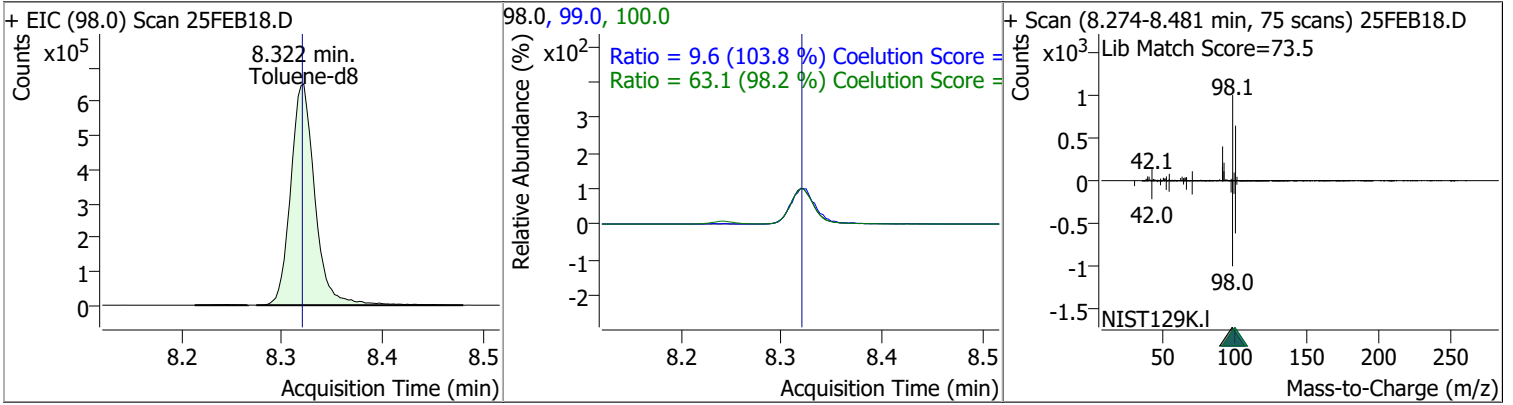
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 129.1083 | 7.59 | 0.01 | 163736 | 85.0 | 63.8 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.7 | 0.0 | 39.5 |



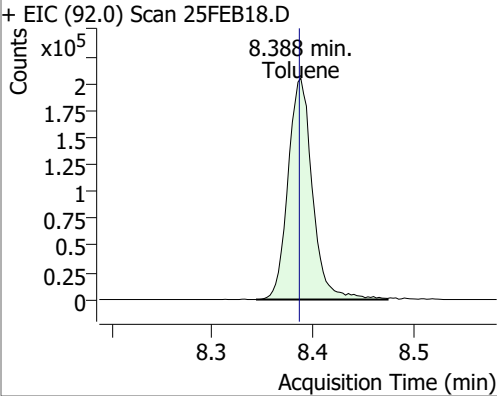
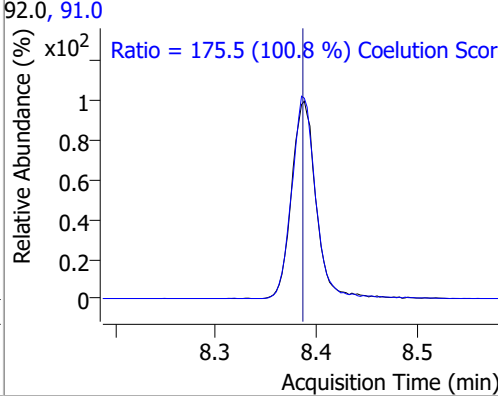
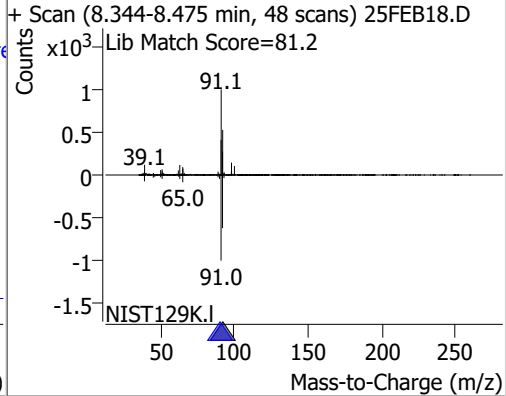
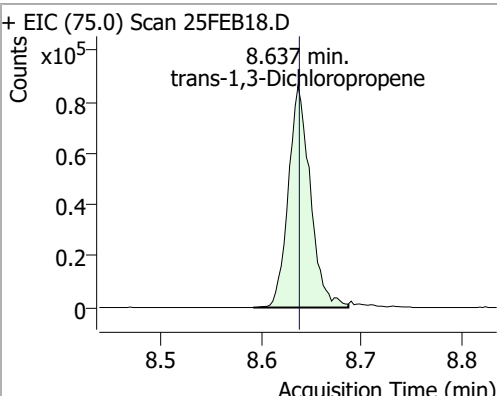
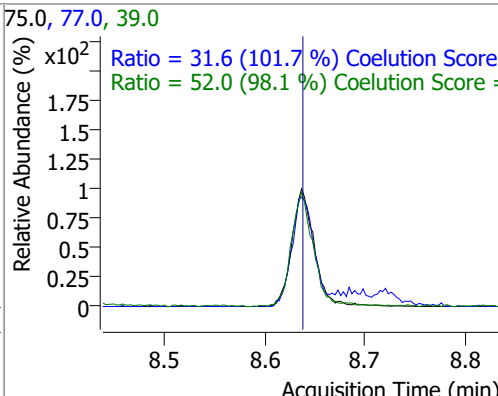
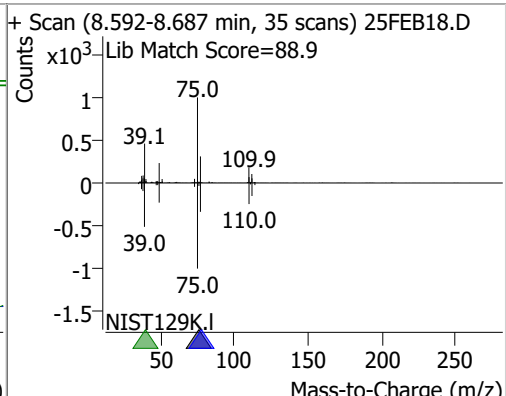
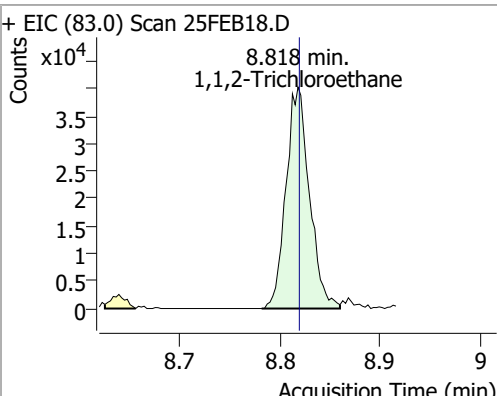
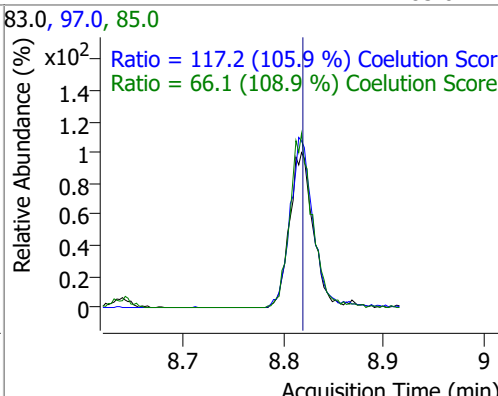
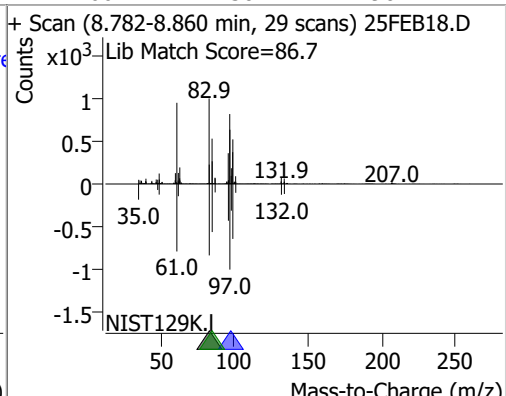
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 120.0395 | 8.06 | 0.00 | 167052 | 39.0 | 54.9 | 22.5 | 82.5 |
| | | | | | 77.0 | 32.3 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|---------|-------|--------|-------|-------|
| Toluene-d8 | 275.5862 | 8.32 | 0.00 | 1092933 | 100.0 | 63.1 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.6 | 0.0 | 39.2 |

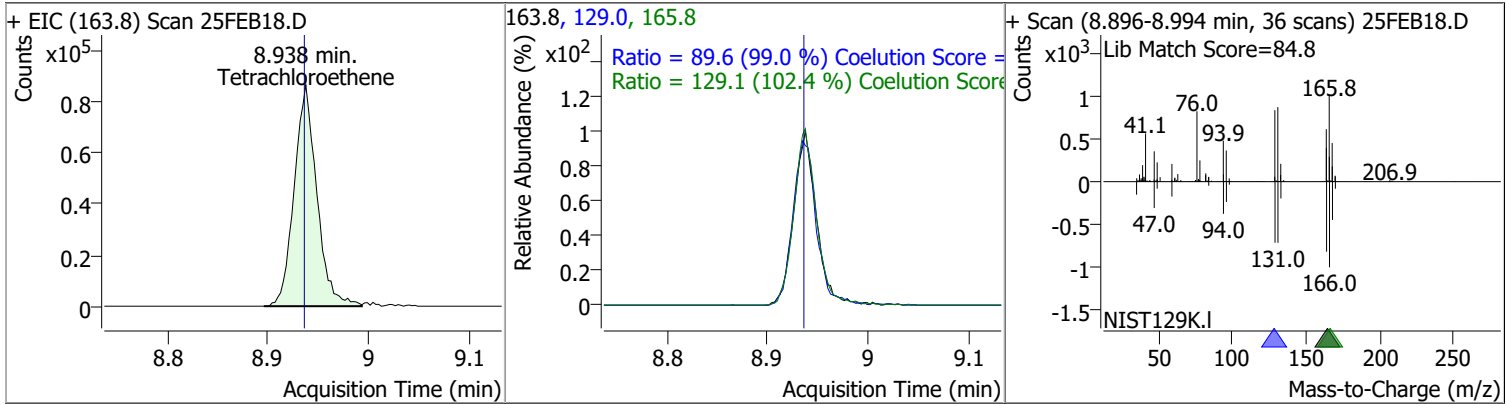


Quantitation Results Report (QT Reviewed)

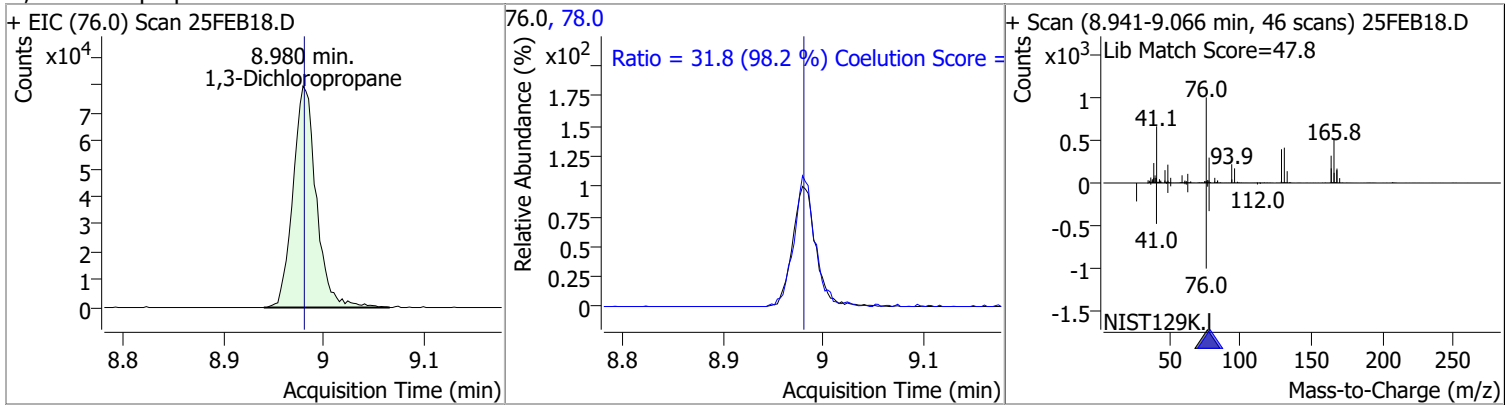
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|------|---|--------|------|--|-------|-------|
| Toluene | 131.1212 | 8.39 | 0.00 | 346616 | 91.0 | 175.5 | 144.1 | 204.1 |
| + EIC (92.0) Scan 25FEB18.D | | | 92.0, 91.0 | | | + Scan (8.344-8.475 min, 48 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| Ratio = 175.5 (100.8 %) Coelution Score | | | | | | | | |
| trans-1,3-Dichloropropene | 129.4347 | 8.64 | 0.00 | 131389 | 39.0 | 52.0 | 23.0 | 83.0 |
| + EIC (75.0) Scan 25FEB18.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.592-8.687 min, 35 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| Ratio = 31.6 (101.7 %) Coelution Score | | | | | | | | |
| Ratio = 52.0 (98.1 %) Coelution Score | | | | | | | | |
| 1,1,2-Trichloroethane | 126.6288 | 8.82 | 0.00 | 65361 | 97.0 | 117.2 | 80.7 | 140.7 |
| + EIC (83.0) Scan 25FEB18.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.782-8.860 min, 29 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| Ratio = 117.2 (105.9 %) Coelution Score | | | | | | | | |
| Ratio = 66.1 (108.9 %) Coelution Score | | | | | | | | |

Quantitation Results Report (QT Reviewed)

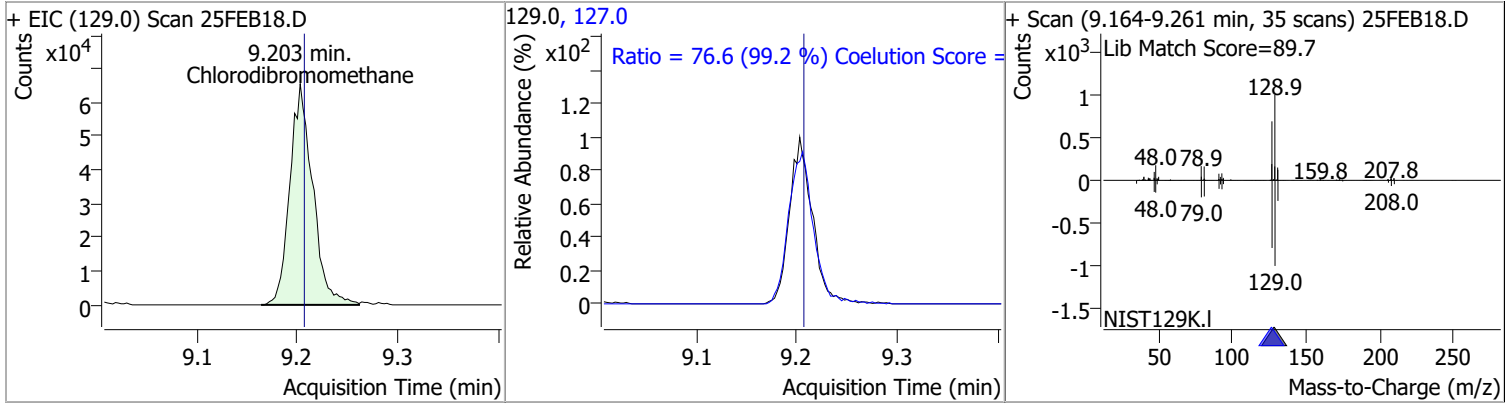
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 126.4301 | 8.94 | 0.00 | 135526 | 165.8 | 129.1 | 96.1 | 156.1 |
| | | | | | 129.0 | 89.6 | 60.5 | 120.5 |



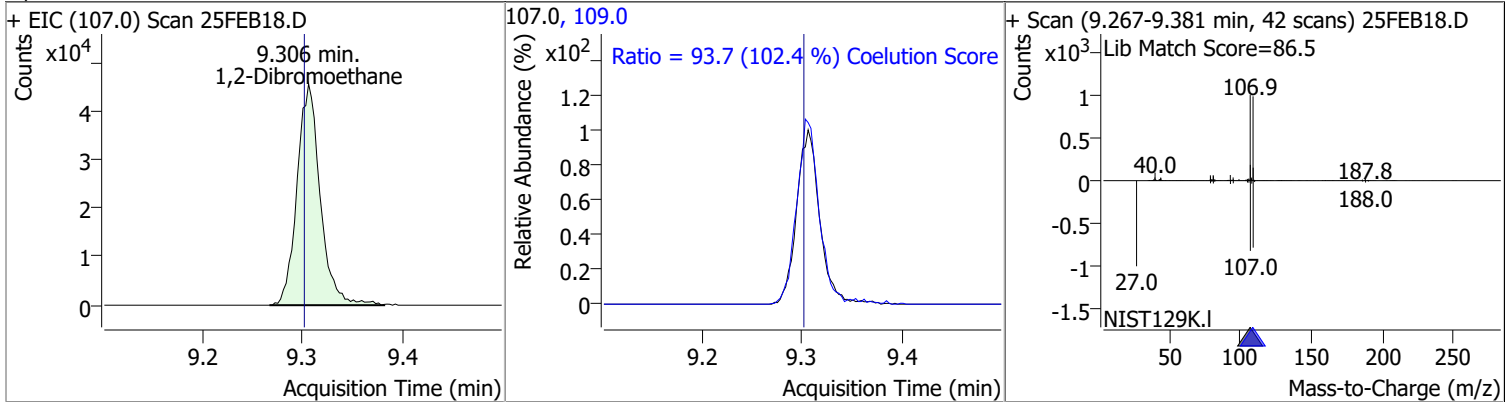
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 123.0643 | 8.98 | 0.00 | 128544 | 78.0 | 31.8 | 2.4 | 62.4 |



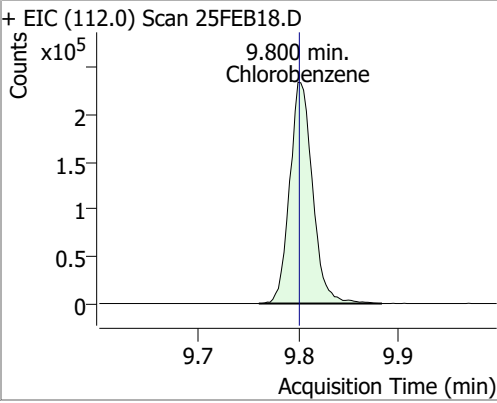
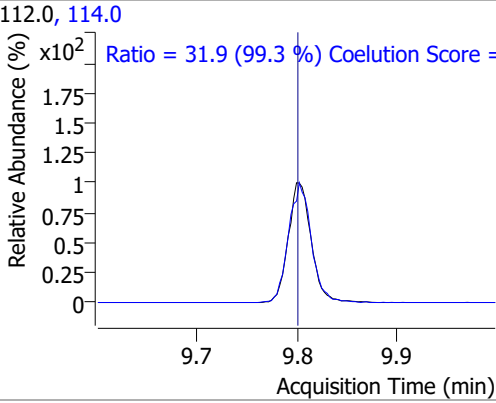
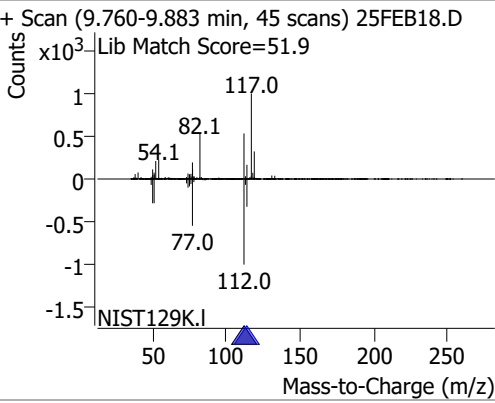
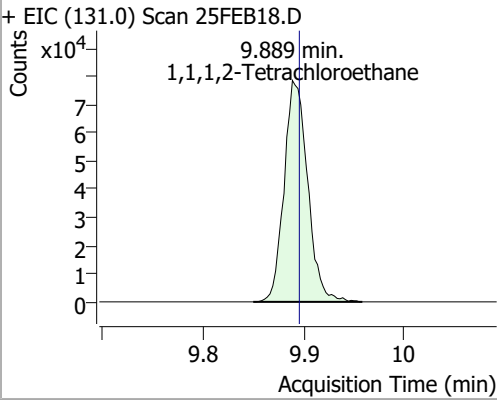
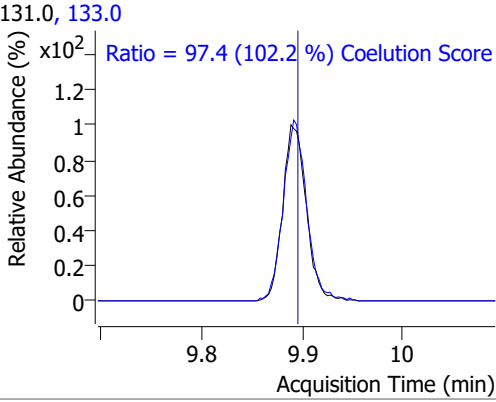
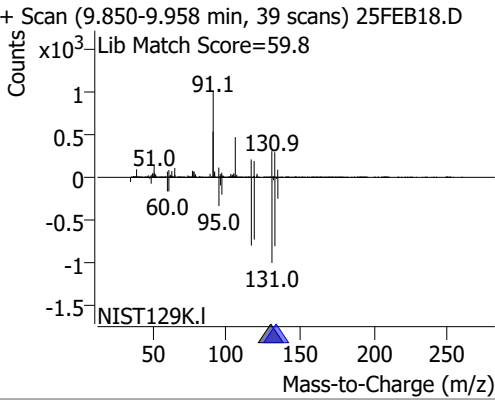
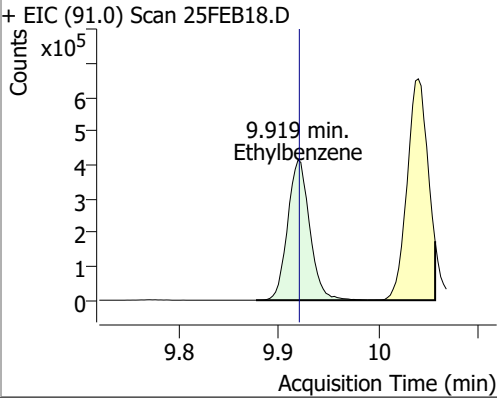
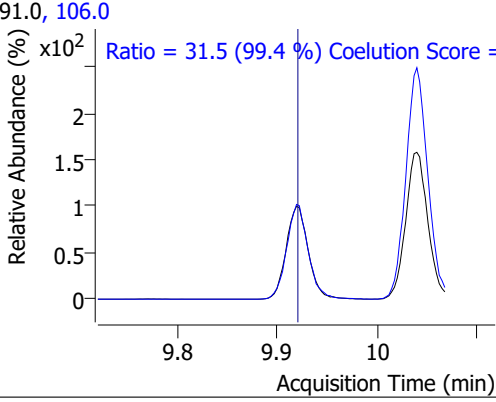
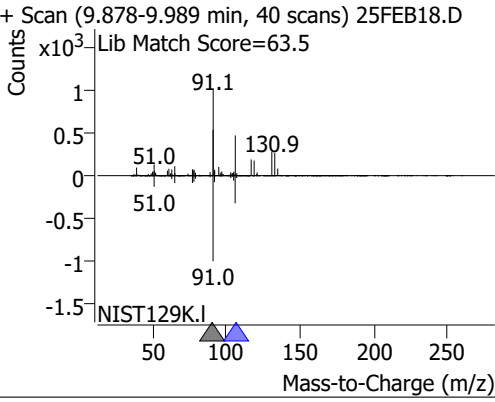
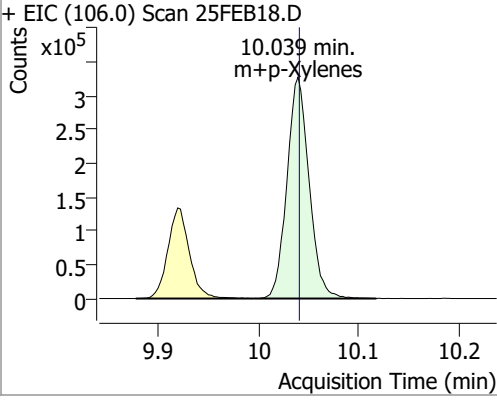
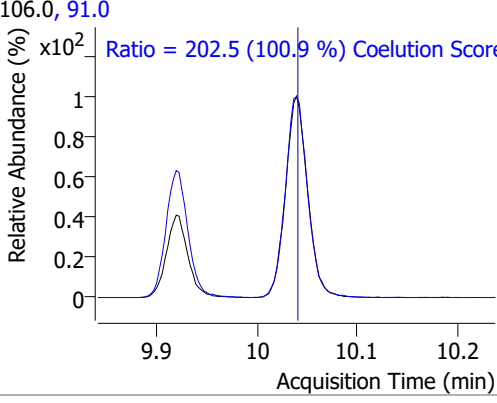
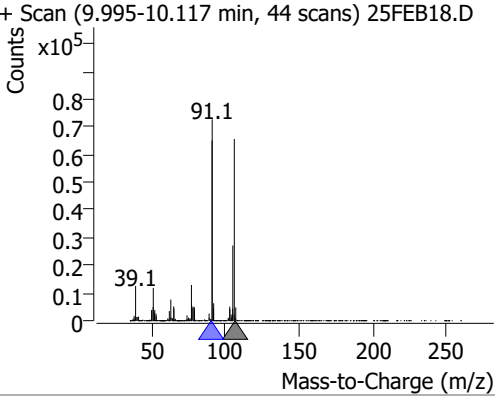
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorodibromomethane | 124.9099 | 9.20 | 0.00 | 103836 | 127.0 | 76.6 | 47.2 | 107.2 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 128.0366 | 9.31 | 0.01 | 72991 | 109.0 | 93.7 | 61.5 | 121.5 |

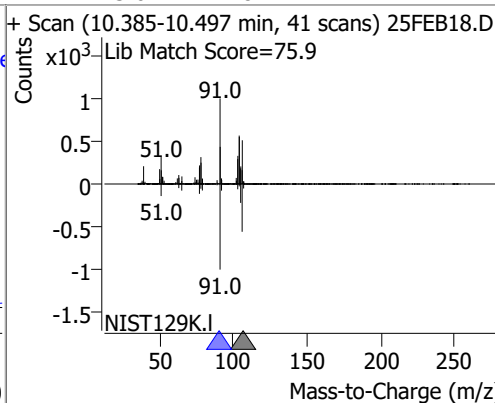
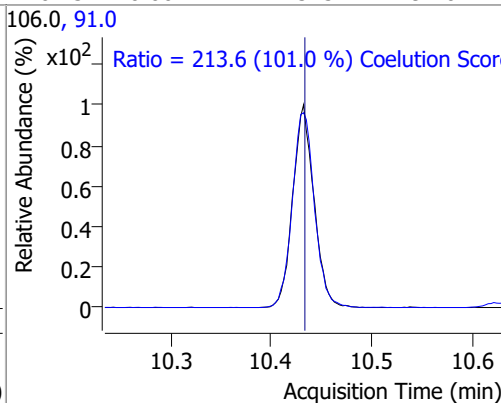
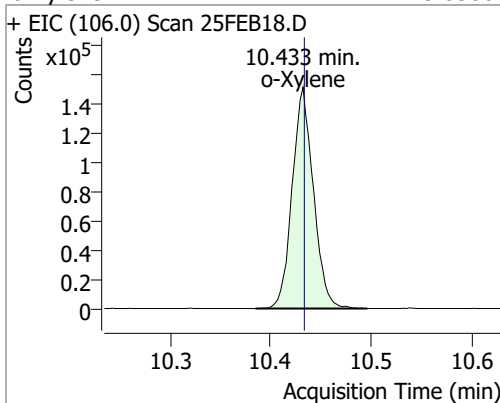


Quantitation Results Report (QT Reviewed)

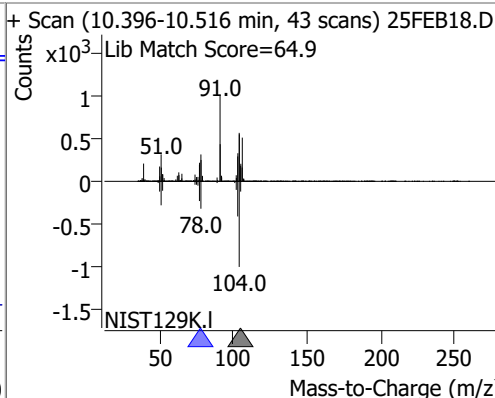
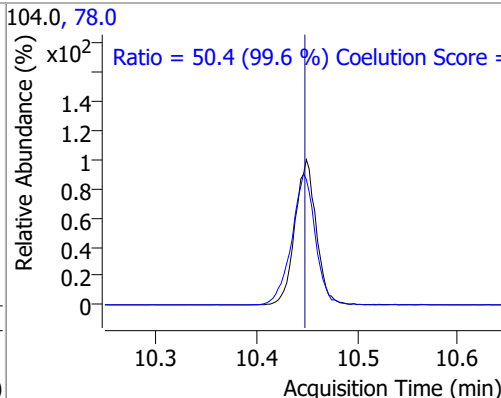
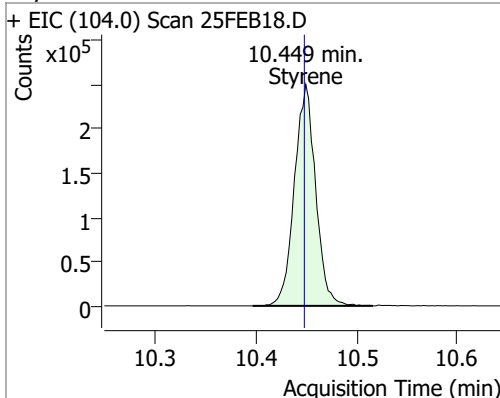
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|--|-------|---|--------|-------|---|-------|-------|
| Chlorobenzene | 128.2549 | 9.80 | 0.00 | 371668 | 114.0 | 31.9 | 2.2 | 62.2 |
| + EIC (112.0) Scan 25FEB18.D | | | 112.0, 114.0 | | | + Scan (9.760-9.883 min, 45 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 31.9 (99.3 %) Coelution Score = | | |
| 1,1,1,2-Tetrachloroethane | 125.9777 | 9.89 | -0.01 | 128090 | 133.0 | 97.4 | 65.3 | 125.3 |
| + EIC (131.0) Scan 25FEB18.D | | | 131.0, 133.0 | | | + Scan (9.850-9.958 min, 39 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 97.4 (102.2 %) Coelution Score = | | |
| Ethylbenzene | 125.2423 | 9.92 | 0.00 | 632575 | 106.0 | 31.5 | 1.7 | 61.7 |
| + EIC (91.0) Scan 25FEB18.D | | | 91.0, 106.0 | | | + Scan (9.878-9.989 min, 40 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 31.5 (99.4 %) Coelution Score = | | |
| m+p-Xylenes | 248.8905 | 10.04 | 0.00 | 500710 | 91.0 | 202.5 | 170.7 | 230.7 |
| + EIC (106.0) Scan 25FEB18.D | | | 106.0, 91.0 | | | + Scan (9.995-10.117 min, 44 scans) 25FEB18.D | | |
|  |  | |  | | | | | |
| | | | | | | Ratio = 202.5 (100.9 %) Coelution Score = | | |

Quantitation Results Report (QT Reviewed)

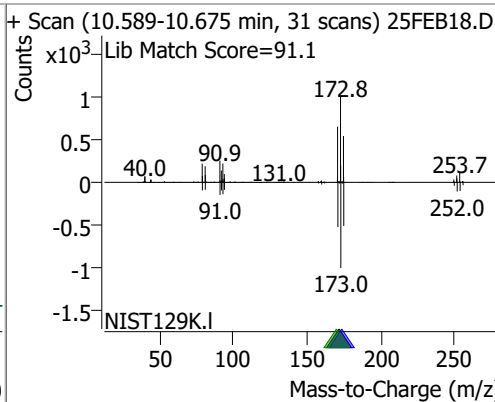
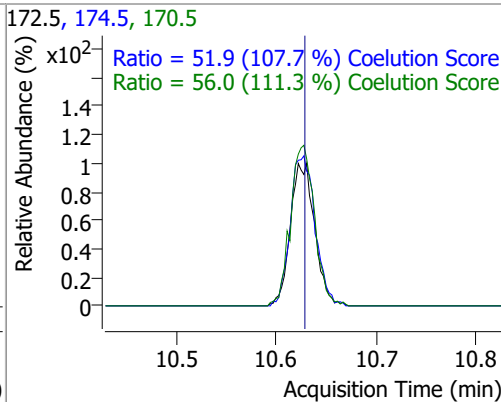
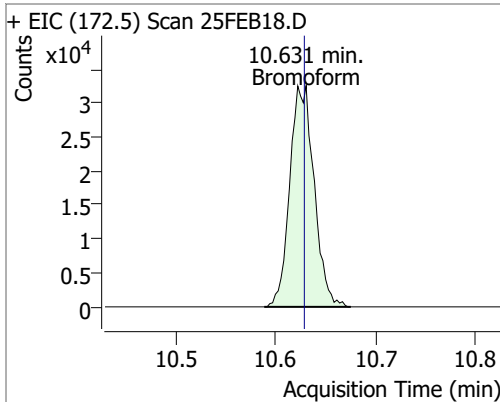
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 125.8386 | 10.43 | 0.00 | 221515 | 91.0 | 213.6 | 181.4 | 241.4 |



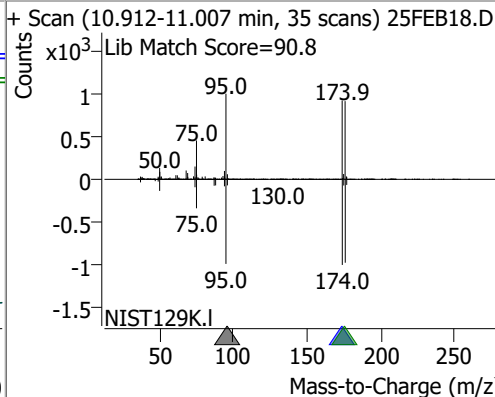
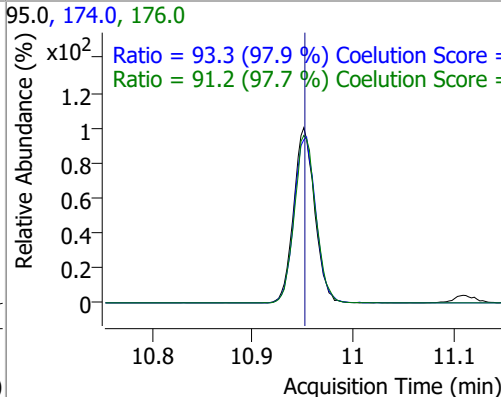
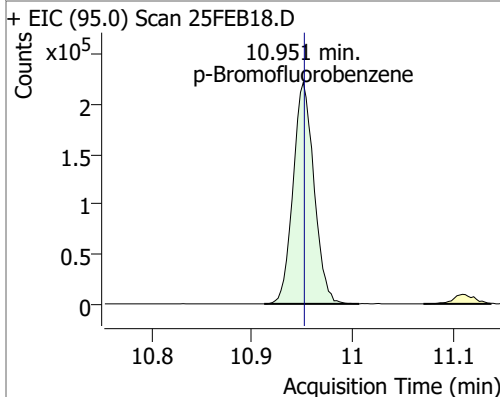
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 126.3041 | 10.45 | 0.00 | 367719 | 78.0 | 50.4 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 123.2722 | 10.63 | 0.01 | 54995 | 170.5 | 56.0 | 20.3 | 80.3 |
| | | | | | 174.5 | 51.9 | 18.1 | 78.1 |

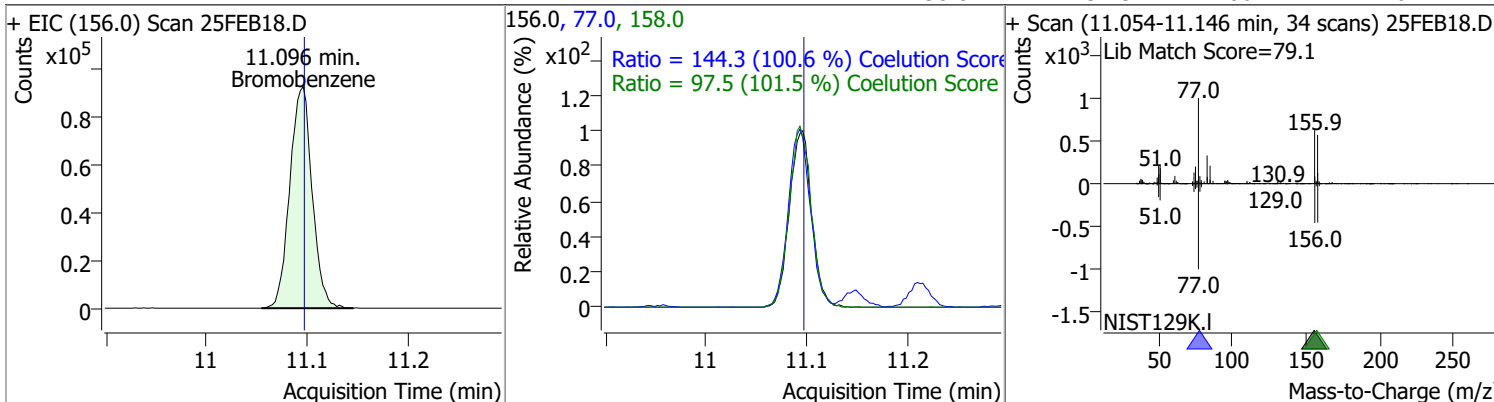


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 262.9626 | 10.95 | 0.00 | 323252 | 174.0 | 93.3 | 65.3 | 125.3 |
| | | | | | 176.0 | 91.2 | 63.3 | 123.3 |

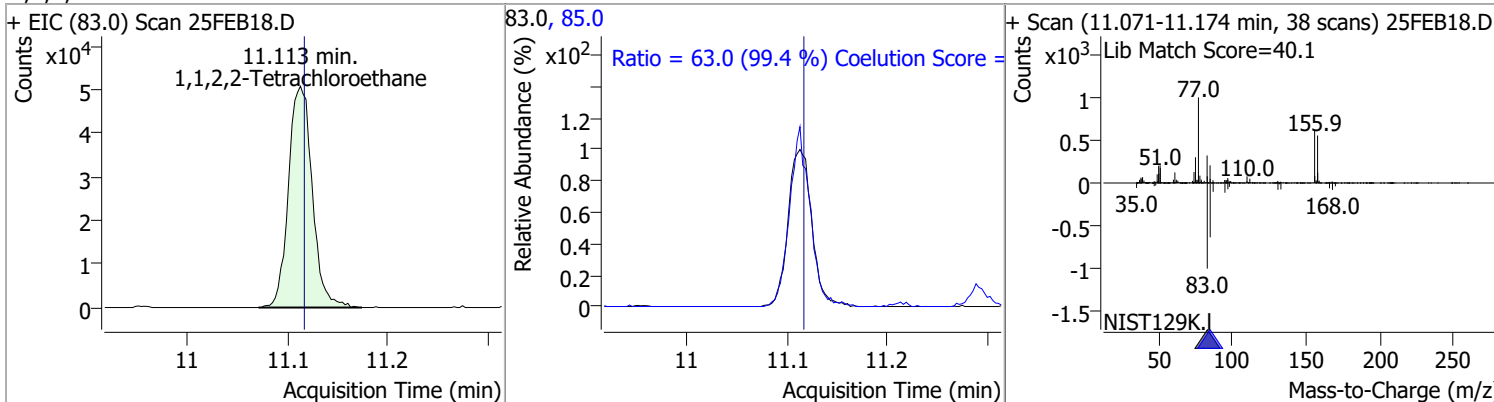


Quantitation Results Report (QT Reviewed)

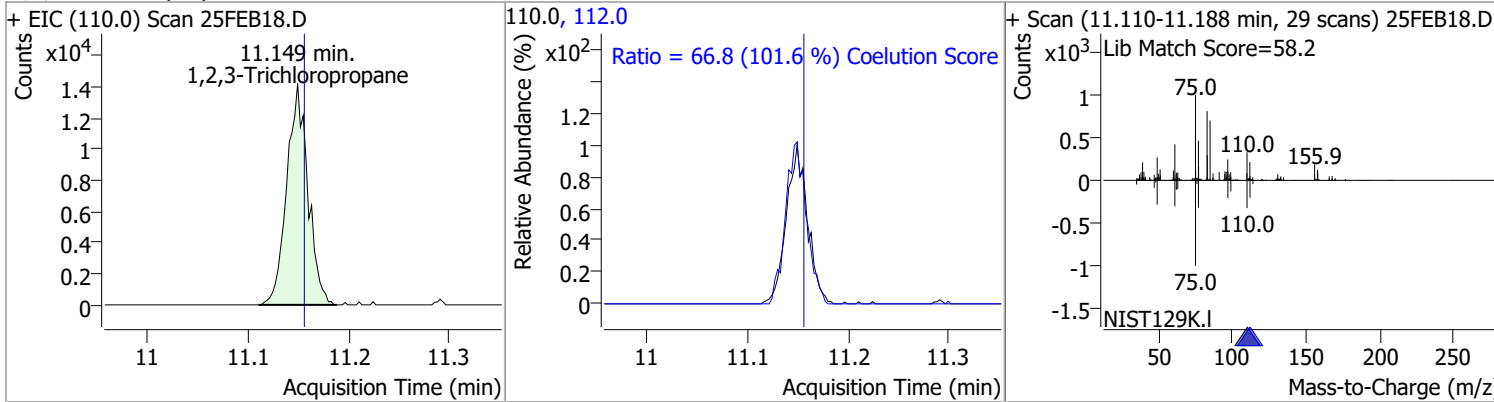
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 131.8491 | 11.10 | 0.00 | 142931 | 77.0 | 144.3 | 113.5 | 173.5 |
| | | | | | 158.0 | 97.5 | 66.1 | 126.1 |



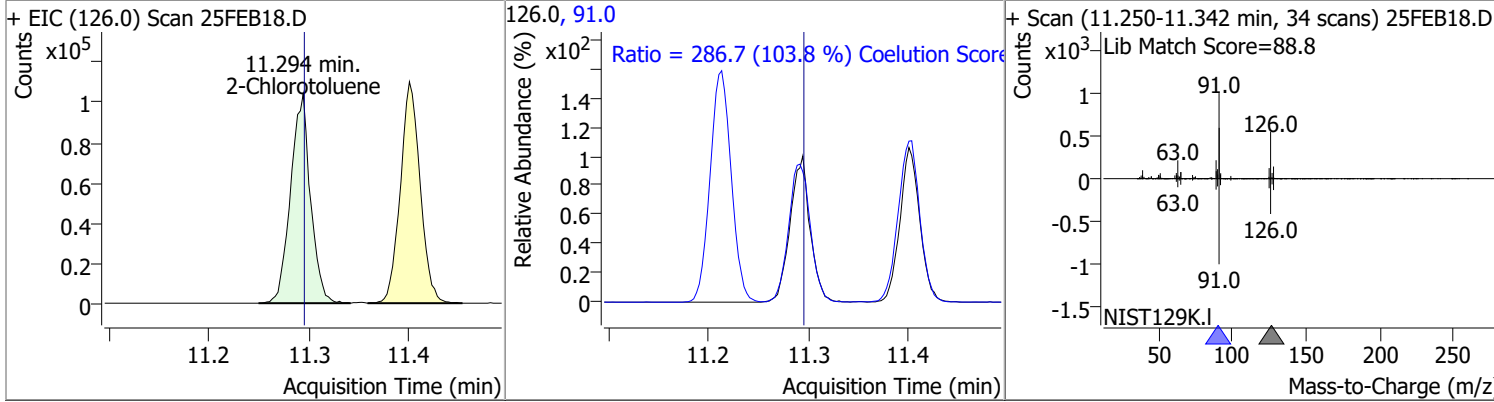
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 135.0863 | 11.11 | 0.00 | 83528 | 85.0 | 63.0 | 33.3 | 93.3 |



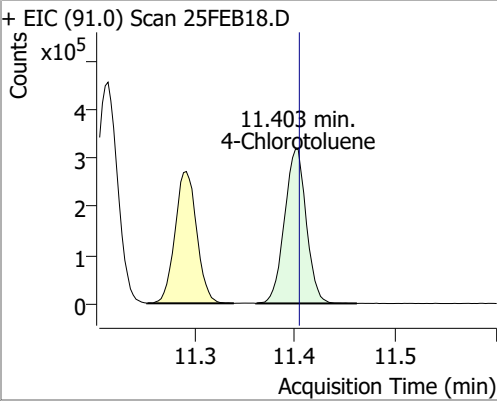
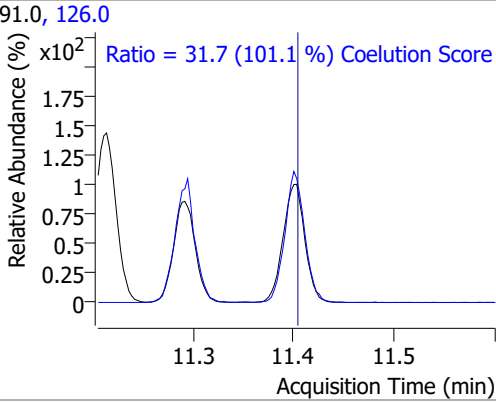
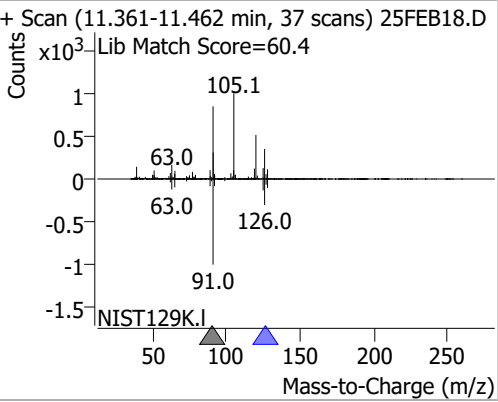
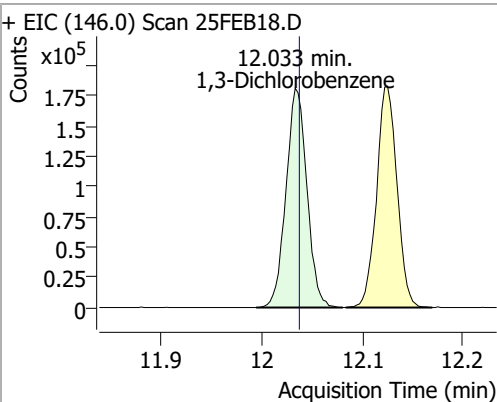
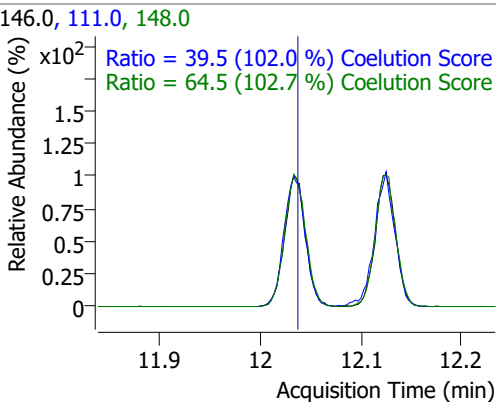
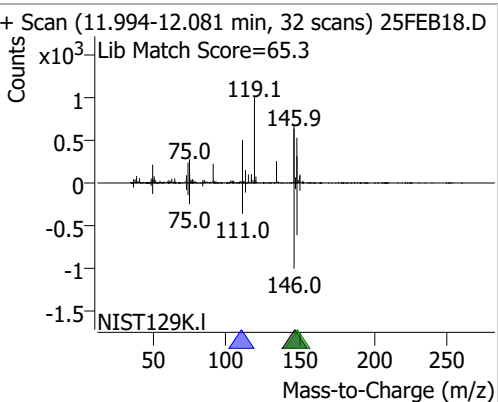
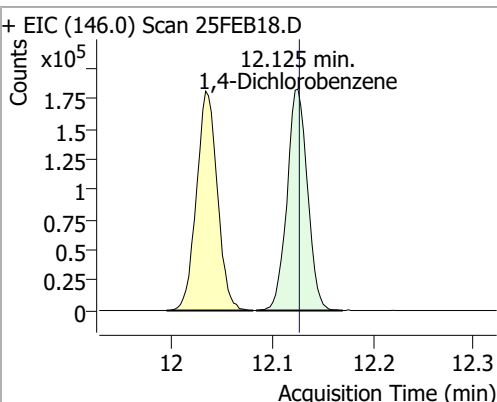
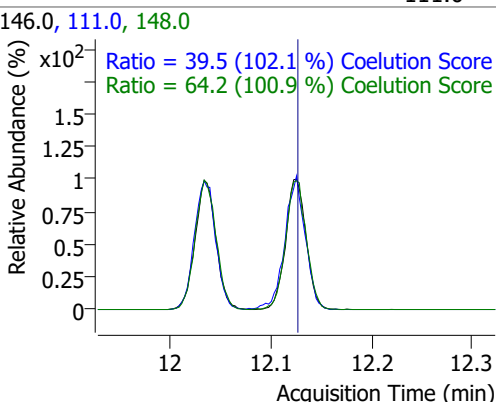
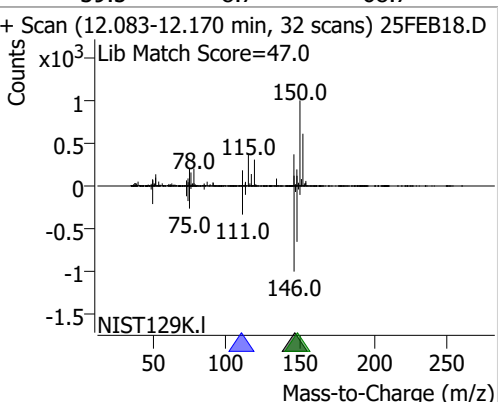
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 127.6769 | 11.15 | 0.00 | 20742 | 112.0 | 66.8 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 133.6770 | 11.29 | 0.00 | 143422 | 91.0 | 286.7 | 246.2 | 306.2 |

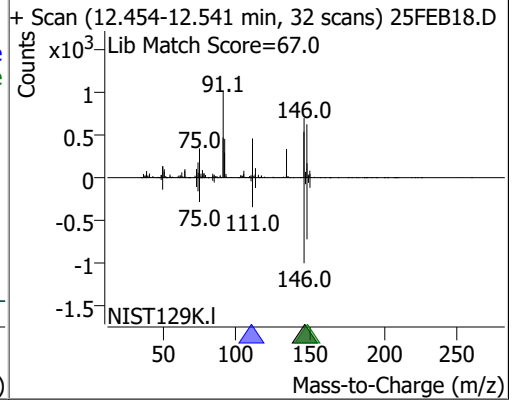
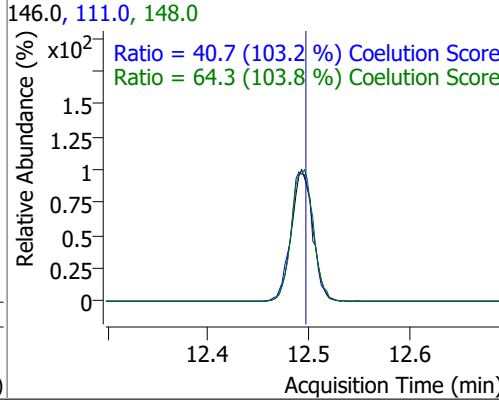
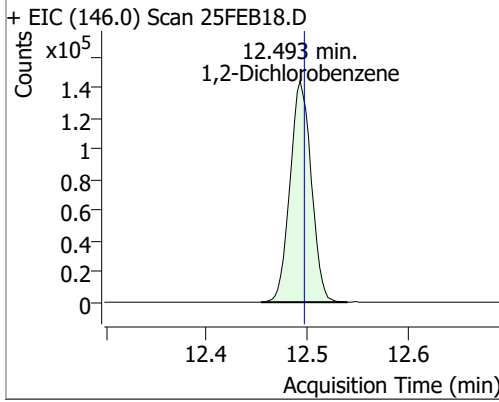


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|----------|-------|---|--------|-------|---|-------|-------|
| 4-Chlorotoluene | 137.7690 | 11.40 | 0.00 | 478751 | 126.0 | 31.7 | 1.3 | 61.3 |
| + EIC (91.0) Scan 25FEB18.D  | | | 91.0, 126.0  | | | + Scan (11.361-11.462 min, 37 scans) 25FEB18.D Lib Match Score=60.4  | | |
| 1,3-Dichlorobenzene | 133.5113 | 12.03 | 0.00 | 262228 | 148.0 | 64.5 | 32.8 | 92.8 |
| + EIC (146.0) Scan 25FEB18.D  | | | 146.0, 111.0, 148.0  | | | + Scan (11.994-12.081 min, 32 scans) 25FEB18.D Lib Match Score=65.3  | | |
| 1,4-Dichlorobenzene | 129.6545 | 12.13 | 0.00 | 259614 | 148.0 | 64.2 | 33.7 | 93.7 |
| + EIC (146.0) Scan 25FEB18.D  | | | 146.0, 111.0, 148.0  | | | + Scan (12.083-12.170 min, 32 scans) 25FEB18.D Lib Match Score=47.0  | | |

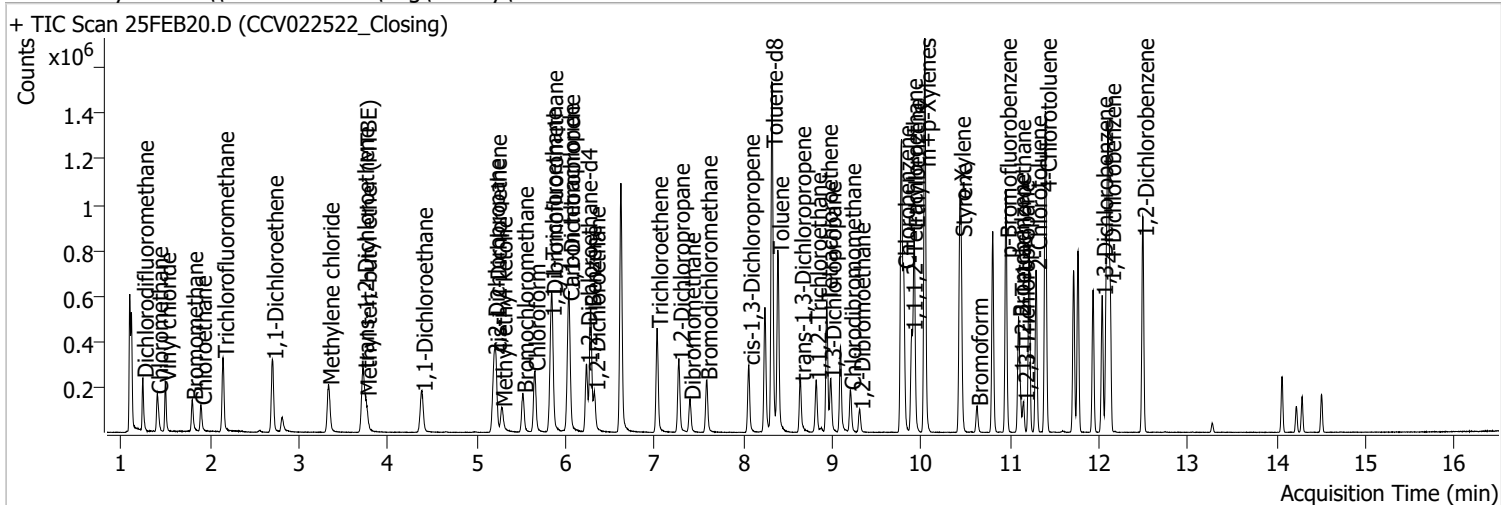
Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 129.4300 | 12.49 | 0.00 | 212237 | 148.0 | 64.3 | 31.9 | 91.9 |
| | | | | | 111.0 | 40.7 | 9.5 | 69.5 |



Quantitation Results Report (QT Reviewed)

| | | | |
|----------------|-------------------------------------|-------------------|-----------------------|
| Data File | 25FEB20.D | Operator | MSC |
| Acq. Method | 5975CACQF.M | Acq. Date-Time | 2/25/2022 6:58:18 PM |
| Sample Name | CCV022522_Closing | Instrument | VOA5975C |
| Vial | 20 | Multiplier | 1.00 |
| DA Method File | VOA5975C_8260B_SHT_DoD_L4_011922.m | Comment | |
| Tune File | BFB_Atune3.u | Tune Date | 10/11/2021 4:02:00 PM |
| Batch Name | VG022522_8260B.batch.bin | Last Calib Update | 3/1/2022 9:27:05 PM |
| Ref Library | \\MASSHUNTER\Org\Library\NIST129K.I | | |



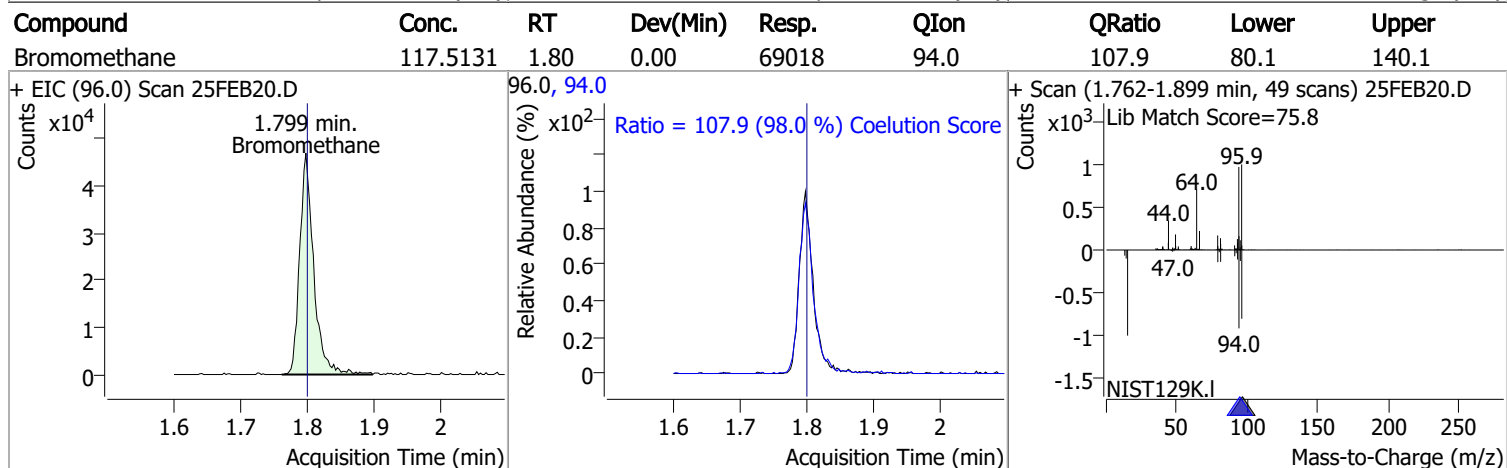
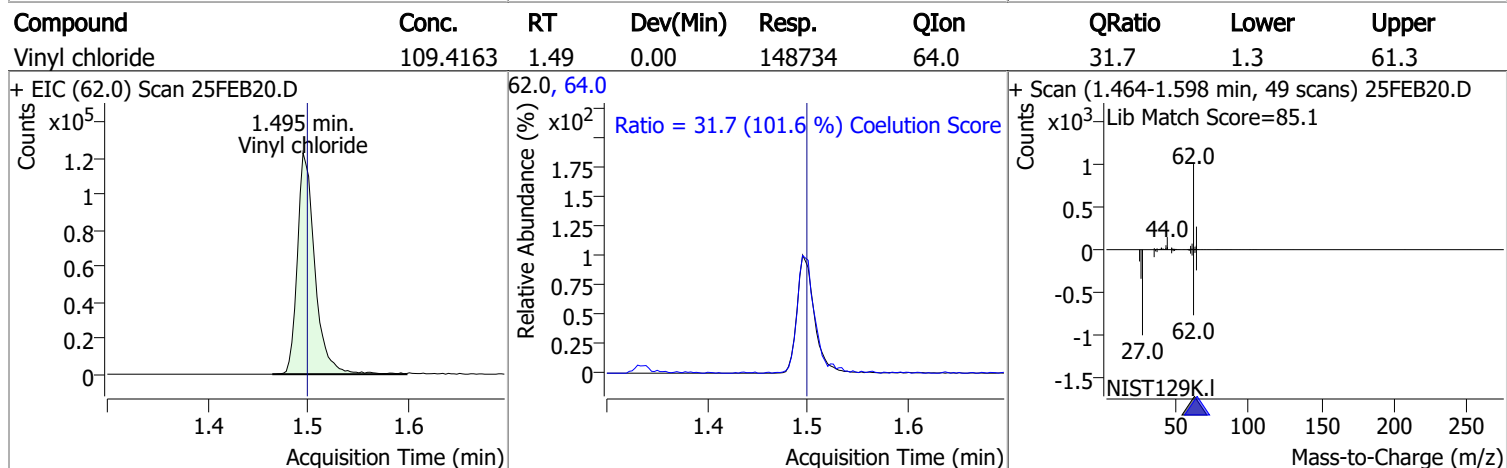
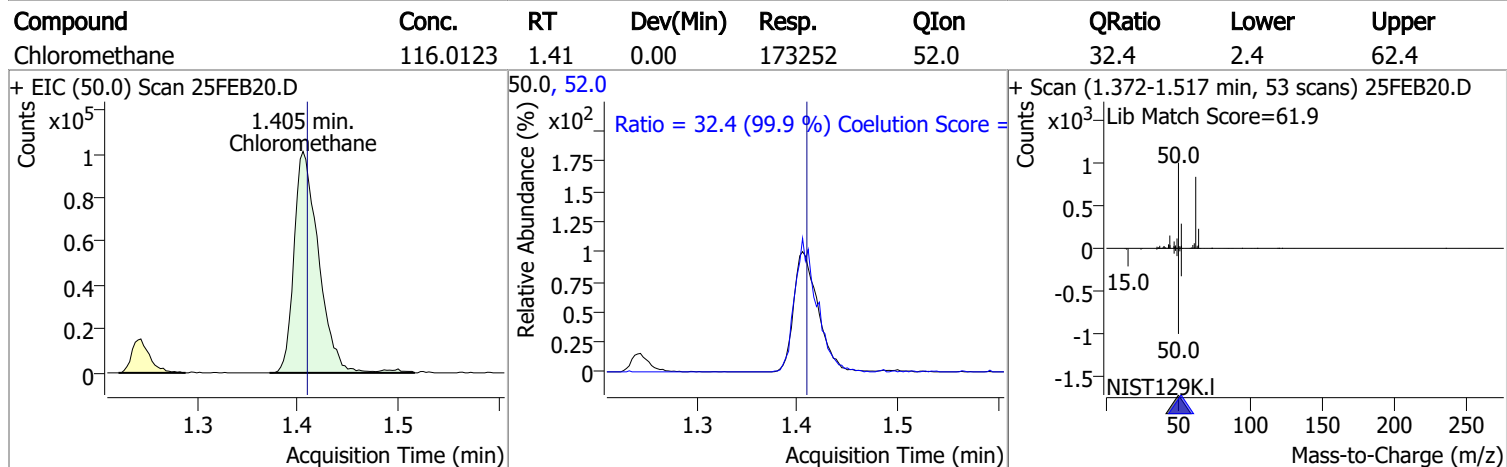
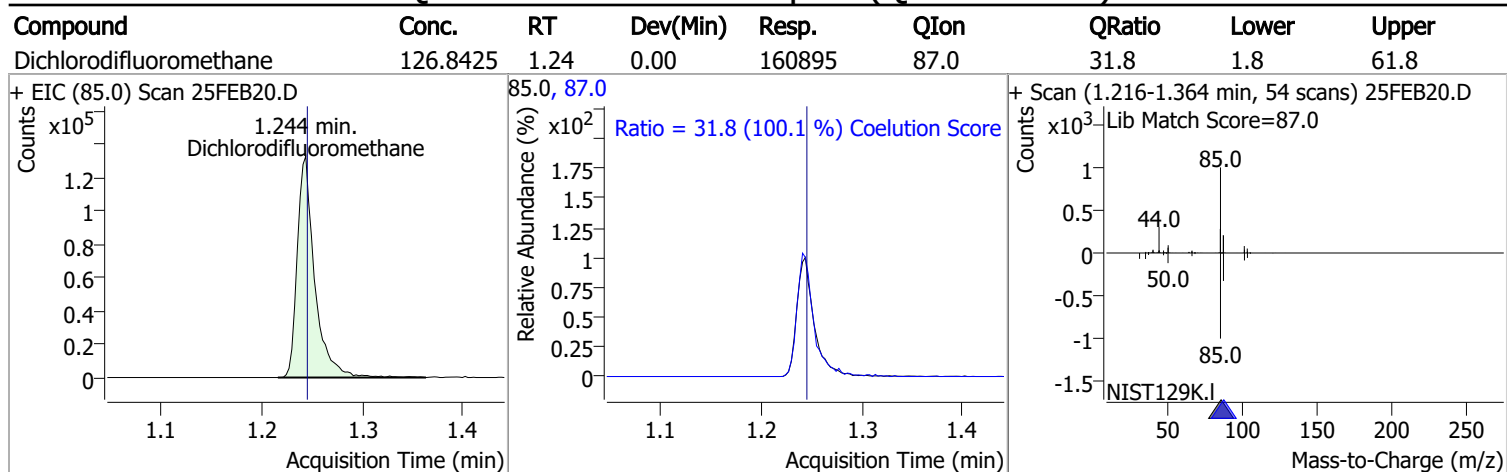
| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|------------------------------------|--------|----------------------|--------|--------------------|-------|----------|
| Internal Standards | | | | | | |
| M Fluorobenzene | 6.620 | 96.0 | 943357 | 250.0000 | ng | 0.000 |
| M Chlorobenzene-d5 | 9.771 | 82.0 | 357080 | 250.0000 | ng | -0.003 |
| M 1,4-Dichlorobenzene-d4 | 12.100 | 152.0 | 312575 | 250.0000 | ng | 0.000 |
| System Monitoring Compounds | | | | | | |
| S Dibromofluoromethane | 5.845 | 113.0 | 243697 | 266.7090 | ng | -0.006 |
| Spiked Amount: 250.000 | | Range: 80.0 - 119.0% | | Recovery = 106.68% | | |
| S 1,2-Dichloroethane-d4 | 6.233 | 67.0 | 106584 | 270.0363 | ng | 0.003 |
| Spiked Amount: 250.000 | | Range: 81.0 - 118.0% | | Recovery = 108.01% | | |
| S Toluene-d8 | 8.319 | 98.0 | 968645 | 278.0539 | ng | 0.000 |
| Spiked Amount: 250.000 | | Range: 89.0 - 112.0% | | Recovery = 111.22% | | |
| S p-Bromofluorobenzene | 10.951 | 95.0 | 291255 | 252.3656 | ng | 0.003 |
| Spiked Amount: 250.000 | | Range: 85.0 - 114.0% | | Recovery = 100.95% | | |
| Target Compounds | | | | | | |
| T Dichlorodifluoromethane | 1.244 | 85.0 | 160895 | 126.8425 | ng | 100 |
| T Chloromethane | 1.405 | 50.0 | 173252 | 116.0123 | ng | 100 |
| T Vinyl chloride | 1.495 | 62.0 | 148734 | 109.4163 | ng | 99 |
| T Bromomethane | 1.799 | 96.0 | 69018 | 117.5131 | ng | 98 |
| T Chloroethane | 1.896 | 64.0 | 80188 | 124.6849 | ng | 98 |
| T Trichlorofluoromethane | 2.144 | 101.0 | 227591 | 139.6231 | ng | 99 |
| T 1,1-Dichloroethene | 2.702 | 96.0 | 120832 | 127.3976 | ng | 98 |
| T Methylene chloride | 3.330 | 49.0 | 157411 | 114.1497 | ng | 98 |
| T trans-1,2-Dichloroethene | 3.720 | 96.0 | 116286 | 118.6819 | ng | 97 |
| T Methyl tert-butyl ether (MTBE) | 3.751 | 73.0 | 144881 | 118.3047 | ng | 98 |
| T 1,1-Dichloroethane | 4.381 | 63.0 | 222937 | 121.5744 | ng | 99 |
| T 2,2-Dichloropropane | 5.192 | 77.0 | 178941 | 129.4858 | ng | 95 |
| T cis-1,2-Dichloroethene | 5.212 | 96.0 | 117519 | 118.4581 | ng | 95 |
| T Methyl ethyl ketone | 5.279 | 43.0 | 145916 | 1017.7554 | ng | 99 |
| T Bromochloromethane | 5.516 | 128.0 | 47823 | 116.9149 | ng | 99 |
| T Chloroform | 5.650 | 83.0 | 218168 | 119.1555 | ng | 100 |

Quantitation Results Report (QT Reviewed)

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|-----------------------------|--------|-------|--------|----------|-------|----------|
| T 1,1,1-Trichloroethane | 5.831 | 97.0 | 220706 | 130.6460 | ng | 98 |
| T Carbon tetrachloride | 6.029 | 117.0 | 223456 | 136.3836 | ng | 99 |
| T 1,1-Dichloropropene | 6.037 | 75.0 | 180431 | 131.7109 | ng | 99 |
| T Benzene | 6.277 | 78.0 | 458352 | 121.6255 | ng | 98 |
| T 1,2-Dichloroethane | 6.322 | 62.0 | 125823 | 120.8805 | ng | 99 |
| T Trichloroethene | 7.027 | 95.0 | 137516 | 128.6387 | ng | 98 |
| T 1,2-Dichloropropane | 7.270 | 63.0 | 114364 | 121.6780 | ng | 100 |
| T Dibromomethane | 7.395 | 93.0 | 48979 | 123.6320 | ng | 94 |
| T Bromodichloromethane | 7.582 | 83.0 | 139381 | 125.1163 | ng | 97 |
| T cis-1,3-Dichloropropene | 8.059 | 75.0 | 148763 | 121.6936 | ng | 99 |
| T Toluene | 8.388 | 92.0 | 304708 | 131.2226 | ng | 100 |
| T trans-1,3-Dichloropropene | 8.636 | 75.0 | 114468 | 128.3737 | ng | 97 |
| T 1,1,2-Trichloroethane | 8.815 | 83.0 | 54581 | 120.3804 | ng | 94 |
| T Tetrachloroethene | 8.938 | 163.8 | 125057 | 132.8117 | ng | 98 |
| T 1,3-Dichloropropane | 8.979 | 76.0 | 111290 | 121.2933 | ng | 100 |
| T Chlorodibromomethane | 9.200 | 129.0 | 92715 | 126.9695 | ng | 98 |
| T 1,2-Dibromoethane | 9.303 | 107.0 | 62762 | 125.3320 | ng | 99 |
| T Chlorobenzene | 9.802 | 112.0 | 319038 | 125.3319 | ng | 99 |
| T 1,1,1,2-Tetrachloroethane | 9.891 | 131.0 | 114794 | 128.5281 | ng | 99 |
| T Ethylbenzene | 9.919 | 91.0 | 561196 | 126.4422 | ng | 100 |
| T m+p-Xylenes | 10.039 | 106.0 | 454047 | 256.6674 | ng | 99 |
| T o-Xylene | 10.432 | 106.0 | 194421 | 125.7388 | ng | 97 |
| T Styrene | 10.449 | 104.0 | 326082 | 127.4627 | ng | 100 |
| T Bromoform | 10.628 | 172.5 | 50064 | 119.5284 | ng | 96 |
| T Bromobenzene | 11.093 | 156.0 | 127349 | 125.1268 | ng | 97 |
| T 1,1,2,2-Tetrachloroethane | 11.110 | 83.0 | 64126 | 110.4631 | ng | 95 |
| T 1,2,3-Trichloropropane | 11.152 | 110.0 | 18840 | 123.5226 | ng | 96 |
| T 2-Chlorotoluene | 11.291 | 126.0 | 126194 | 125.2805 | ng | 98 |
| T 4-Chlorotoluene | 11.400 | 91.0 | 414707 | 127.1122 | ng | 99 |
| T 1,3-Dichlorobenzene | 12.033 | 146.0 | 226170 | 122.6529 | ng | 98 |
| T 1,4-Dichlorobenzene | 12.125 | 146.0 | 226584 | 120.5293 | ng | 99 |
| T 1,2-Dichlorobenzene | 12.496 | 146.0 | 189772 | 123.2679 | ng | 98 |

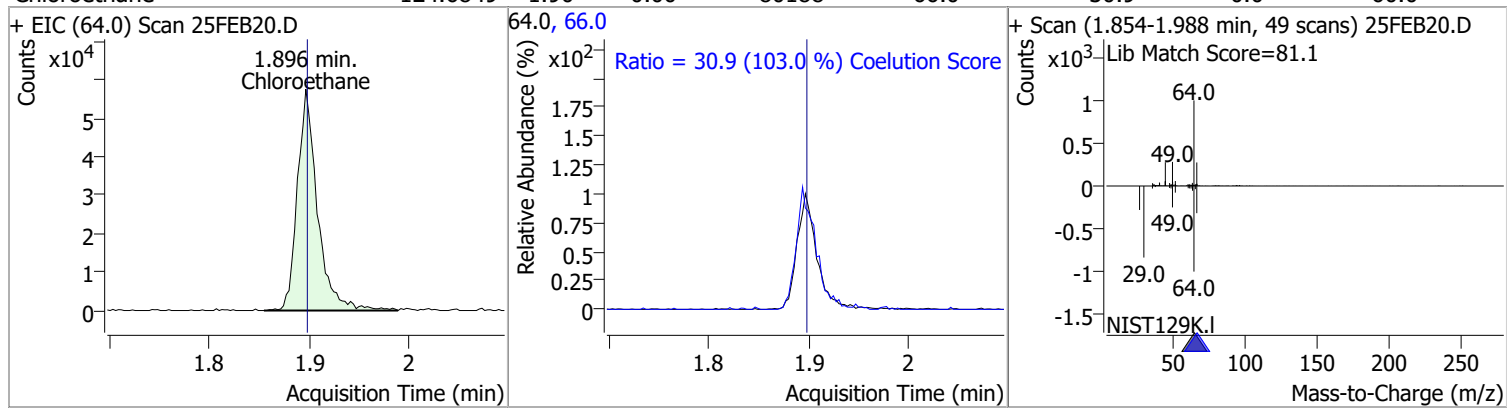
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

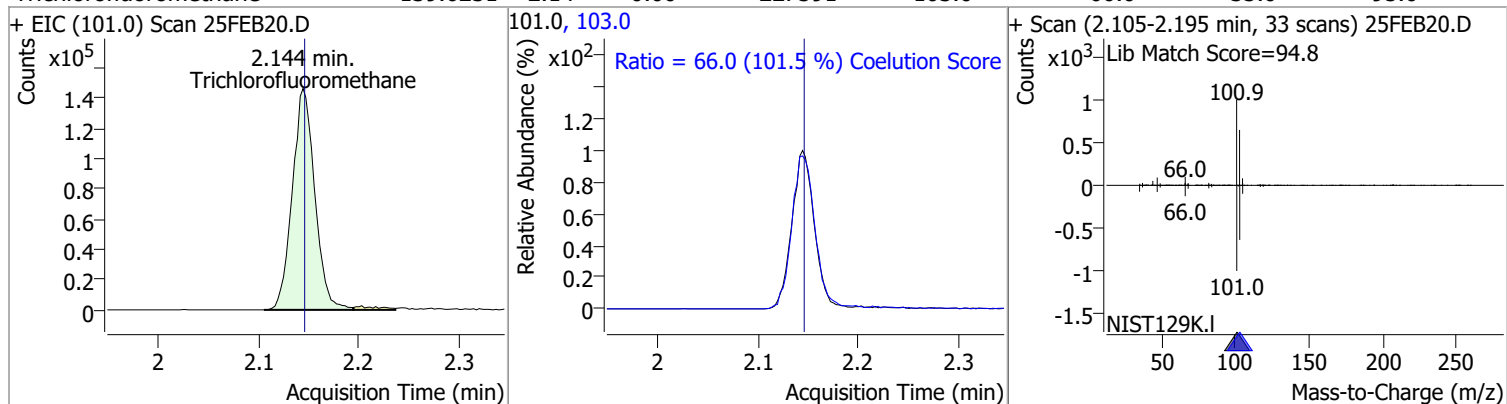


Quantitation Results Report (QT Reviewed)

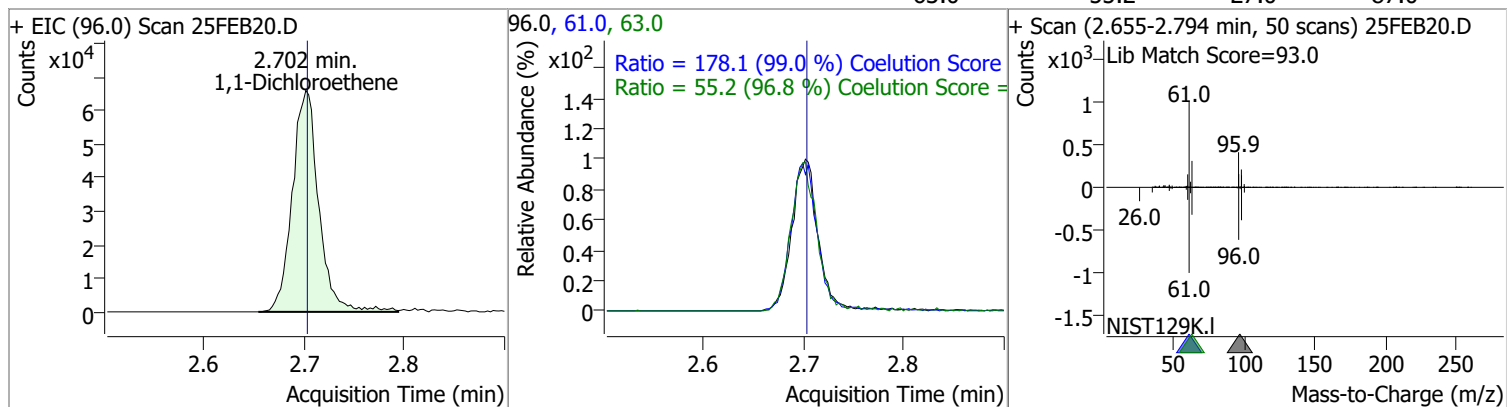
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|-------|------|--------|-------|-------|
| Chloroethane | 124.6849 | 1.90 | 0.00 | 80188 | 66.0 | 30.9 | 0.0 | 60.0 |



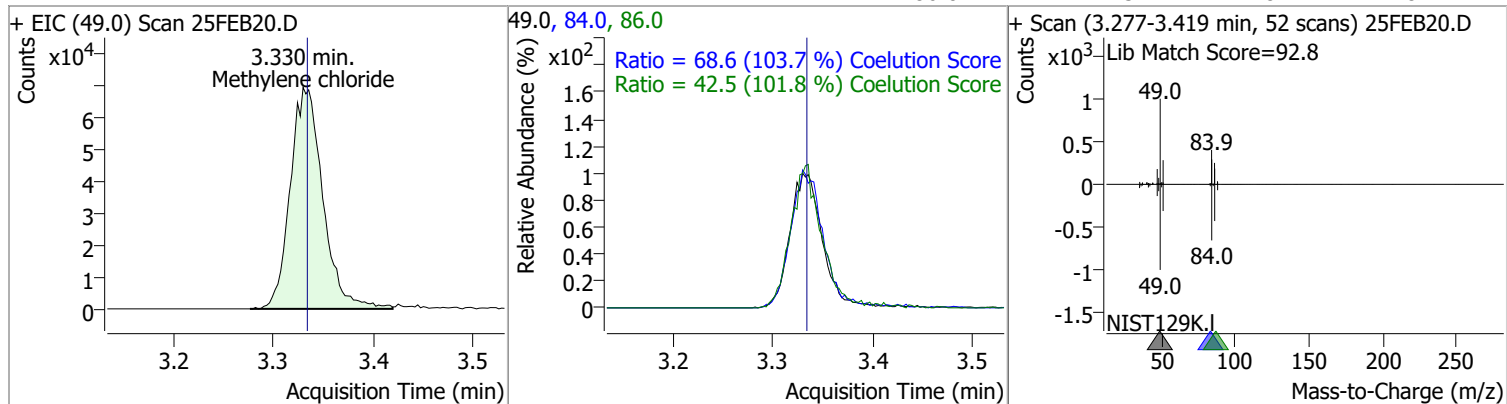
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichlorofluoromethane | 139.6231 | 2.14 | 0.00 | 227591 | 103.0 | 66.0 | 35.0 | 95.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethene | 127.3976 | 2.70 | 0.00 | 120832 | 61.0 | 178.1 | 149.9 | 209.9 |
| | | | | | 63.0 | 55.2 | 27.0 | 87.0 |

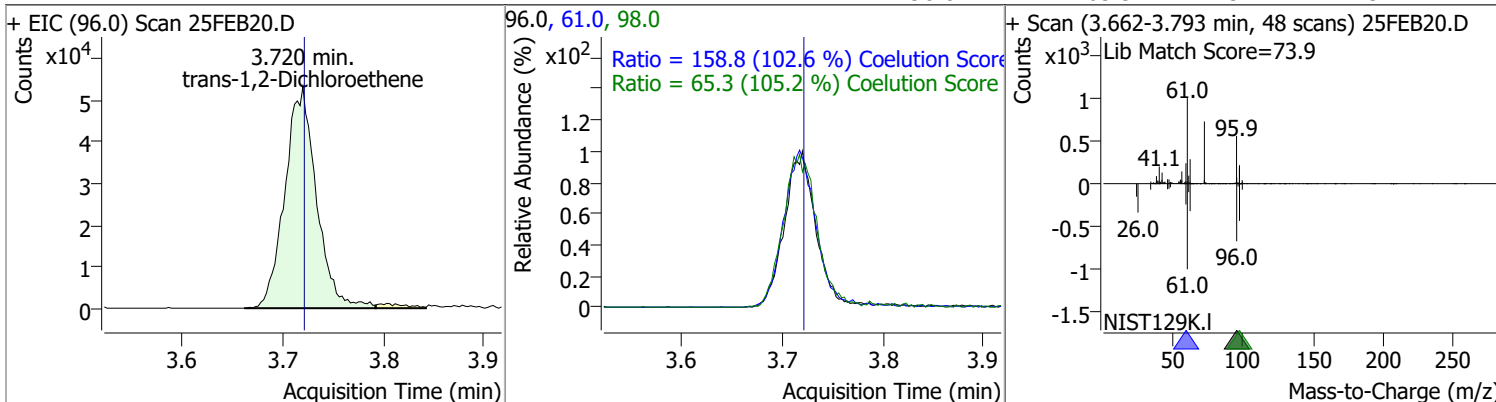


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methylene chloride | 114.1497 | 3.33 | 0.00 | 157411 | 84.0 | 68.6 | 36.1 | 96.1 |
| | | | | | 86.0 | 42.5 | 11.8 | 71.8 |

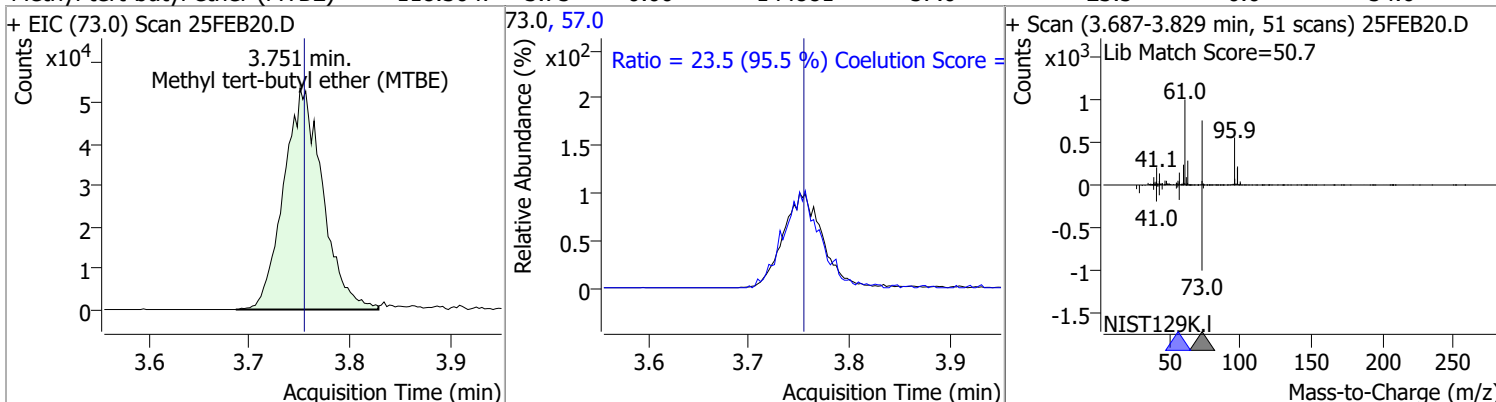


Quantitation Results Report (QT Reviewed)

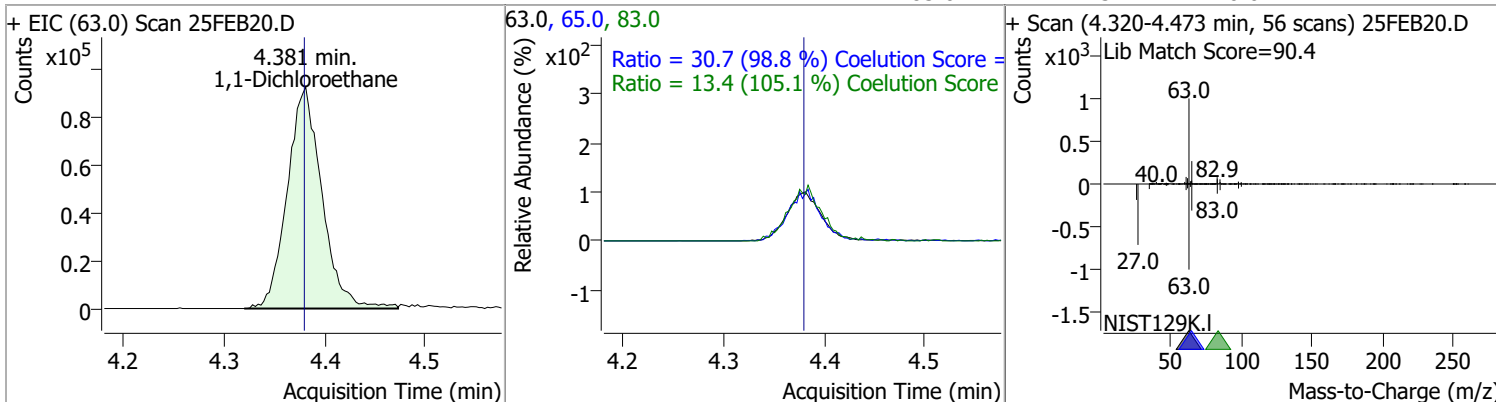
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------|----------|------|----------|--------|------|--------|-------|-------|
| trans-1,2-Dichloroethene | 118.6819 | 3.72 | 0.00 | 116286 | 61.0 | 158.8 | 124.8 | 184.8 |
| | | | | | 98.0 | 65.3 | 32.1 | 92.1 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------------------|----------|------|----------|--------|------|--------|-------|-------|
| Methyl tert-butyl ether (MTBE) | 118.3047 | 3.75 | 0.00 | 144881 | 57.0 | 23.5 | 0.0 | 54.6 |

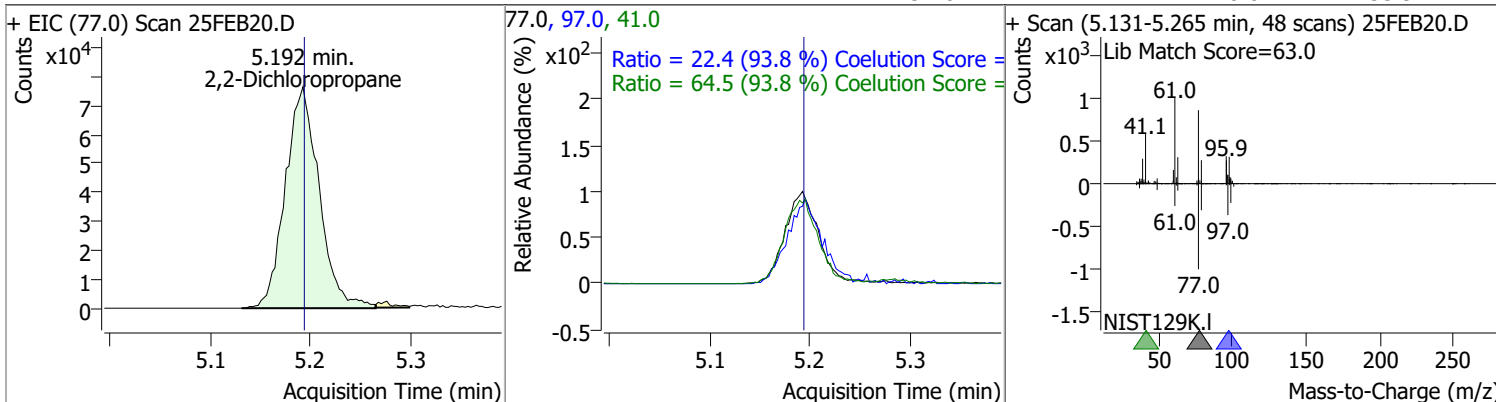


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,1-Dichloroethane | 121.5744 | 4.38 | 0.00 | 222937 | 65.0 | 30.7 | 1.0 | 61.0 |
| | | | | | 83.0 | 13.4 | 0.0 | 42.7 |

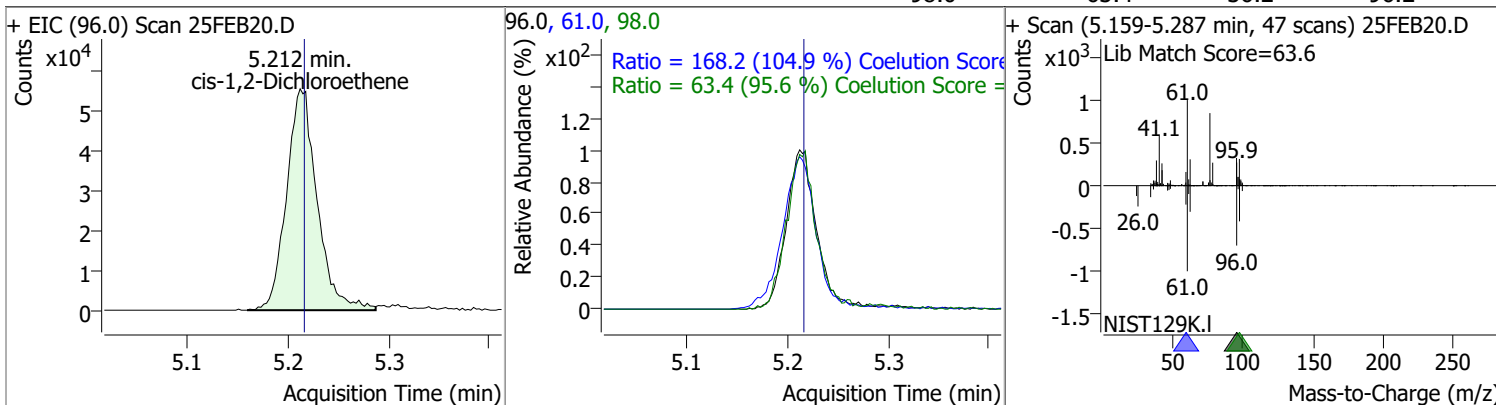


Quantitation Results Report (QT Reviewed)

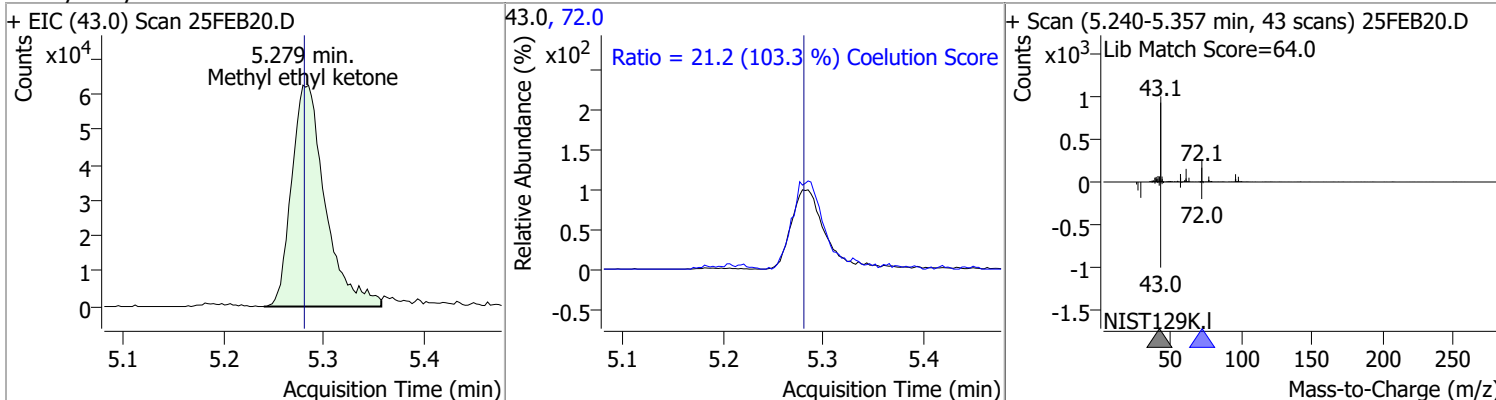
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 2,2-Dichloropropane | 129.4858 | 5.19 | 0.00 | 178941 | 41.0 | 64.5 | 38.8 | 98.8 |
| | | | | | 97.0 | 22.4 | 0.0 | 53.9 |



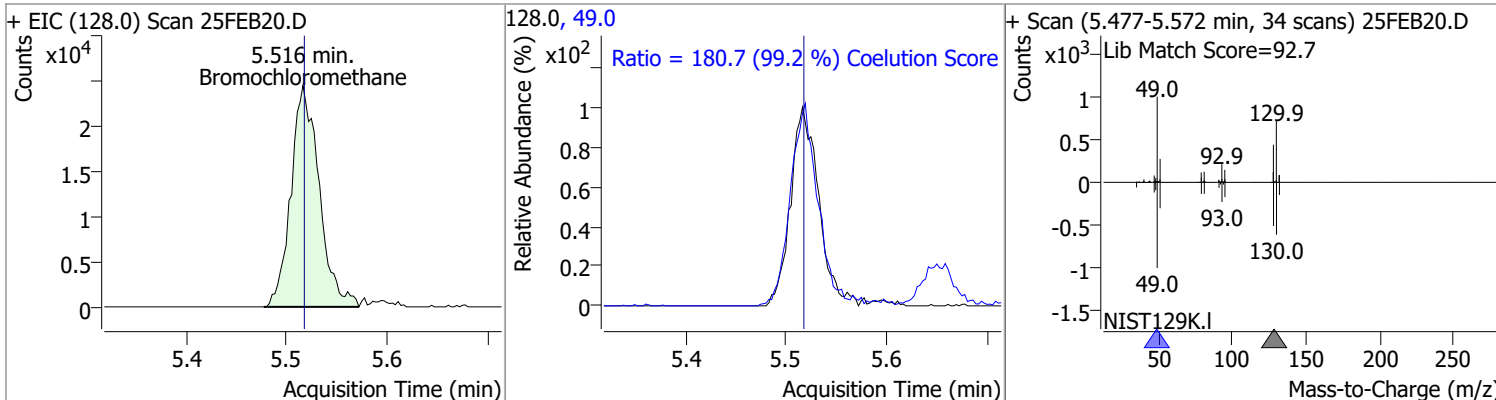
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,2-Dichloroethene | 118.4581 | 5.21 | 0.00 | 117519 | 61.0 | 168.2 | 130.4 | 190.4 |
| | | | | | 98.0 | 63.4 | 36.2 | 96.2 |



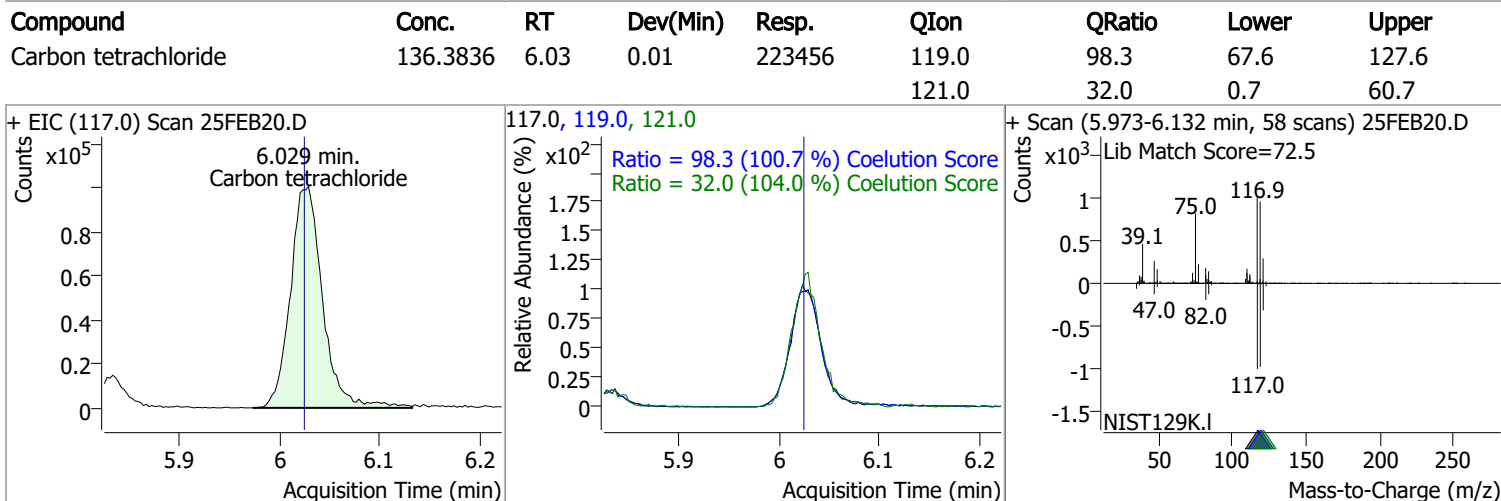
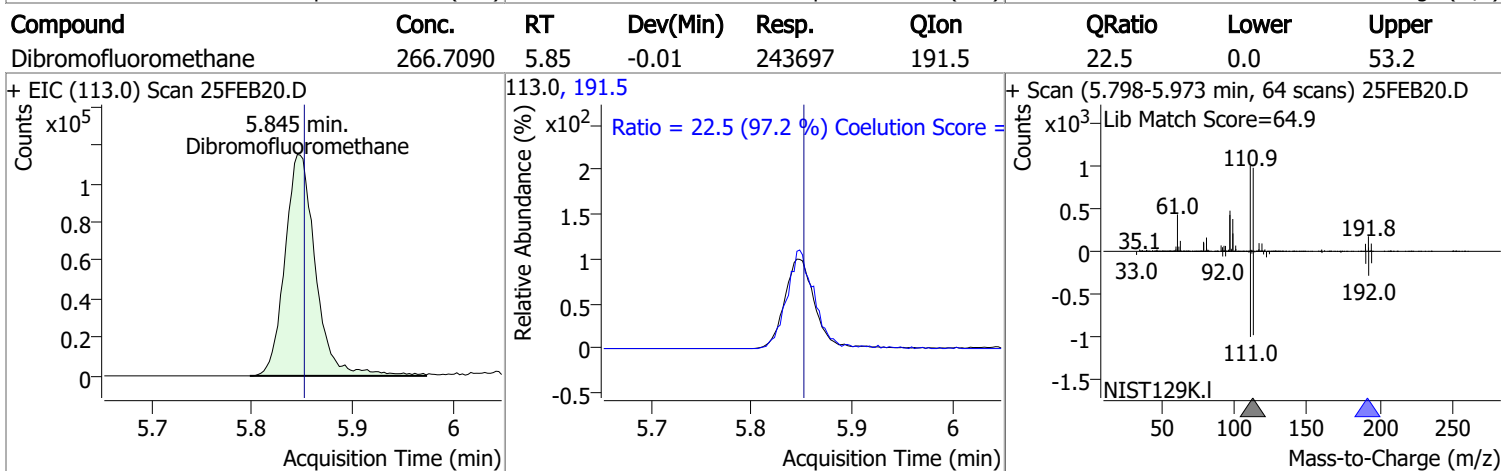
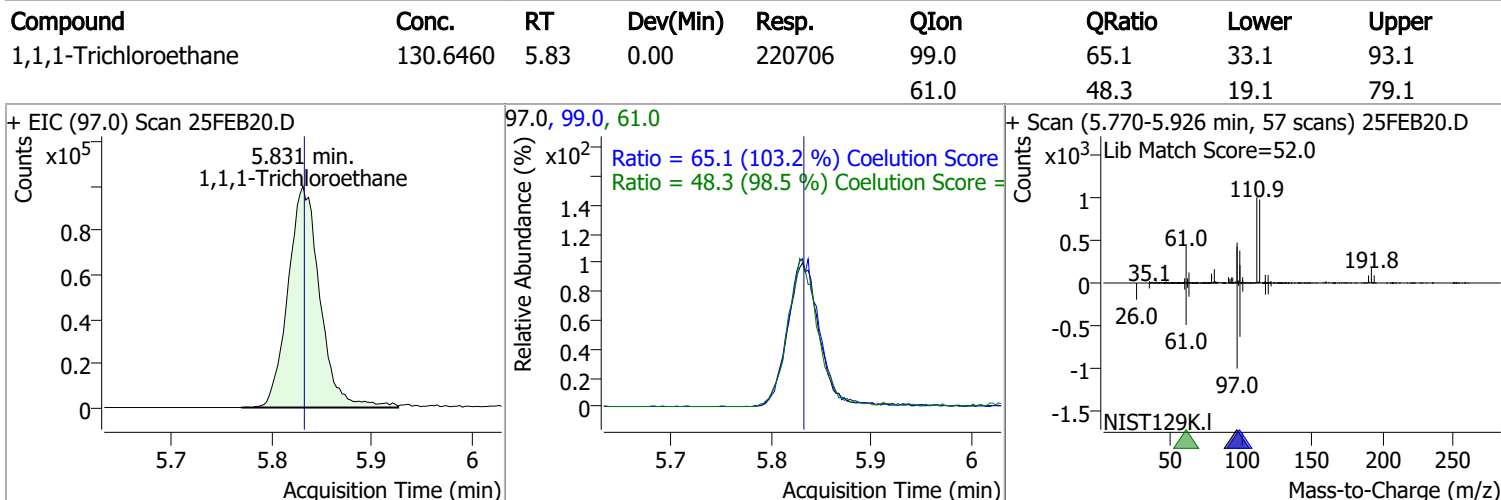
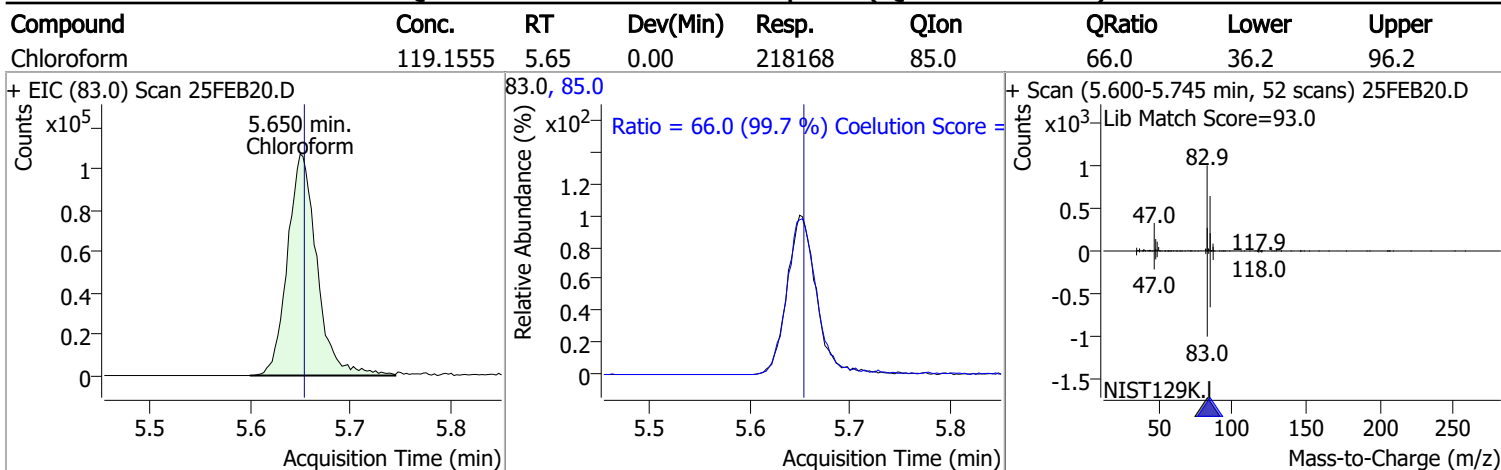
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|-----------|------|----------|--------|------|--------|-------|-------|
| Methyl ethyl ketone | 1017.7554 | 5.28 | 0.00 | 145916 | 72.0 | 21.2 | 0.0 | 50.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|-------|------|--------|-------|-------|
| Bromochloromethane | 116.9149 | 5.52 | 0.00 | 47823 | 49.0 | 180.7 | 152.2 | 212.2 |

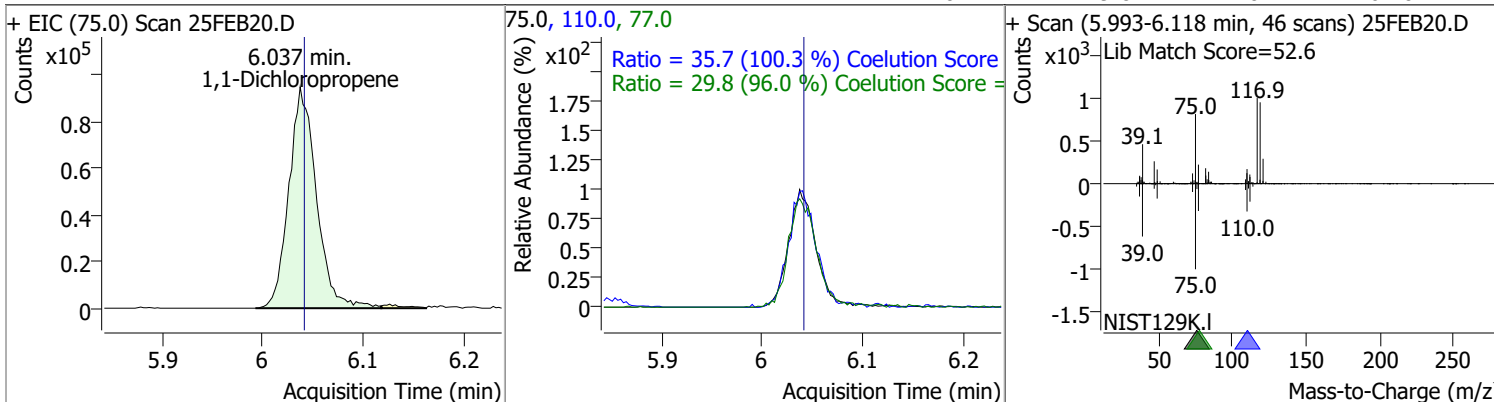


Quantitation Results Report (QT Reviewed)

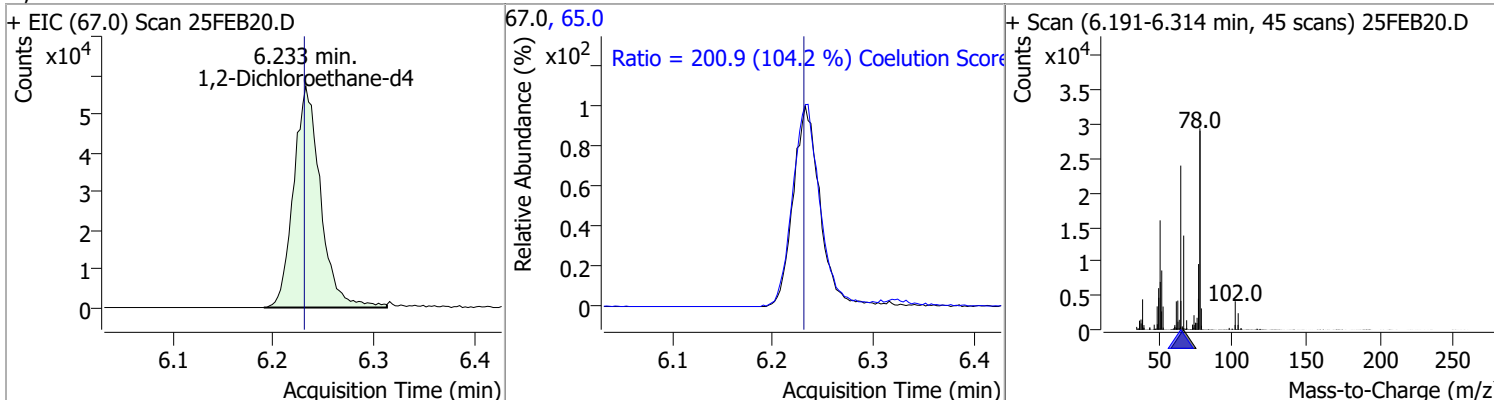


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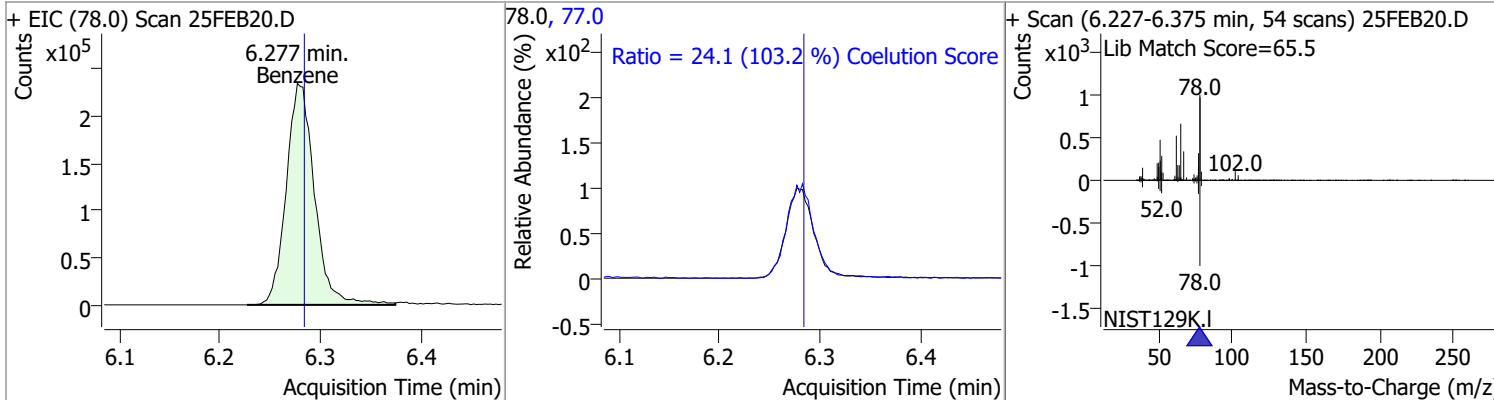
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1-Dichloropropene | 131.7109 | 6.04 | 0.00 | 180431 | 110.0 | 35.7 | 5.6 | 65.6 |
| | | | | | 77.0 | 29.8 | 1.0 | 61.0 |



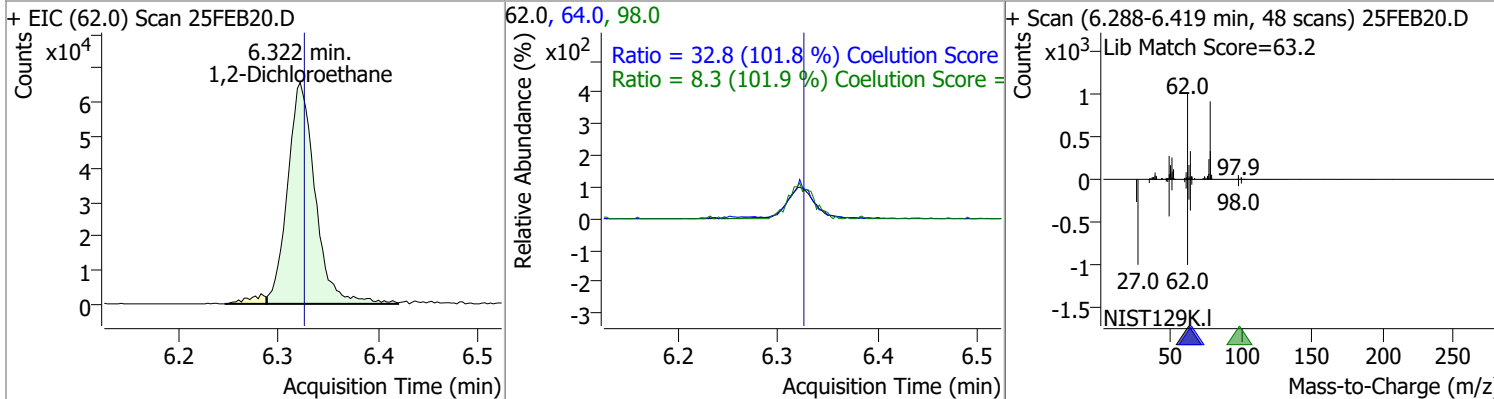
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane-d4 | 270.0363 | 6.23 | 0.00 | 106584 | 65.0 | 200.9 | 162.8 | 222.8 |
| | | | | | 77.0 | 29.8 | 1.0 | 61.0 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|------|----------|--------|------|--------|-------|-------|
| Benzene | 121.6255 | 6.28 | -0.01 | 458352 | 77.0 | 24.1 | 0.0 | 53.3 |
| | | | | | 78.0 | 29.8 | 1.0 | 61.0 |

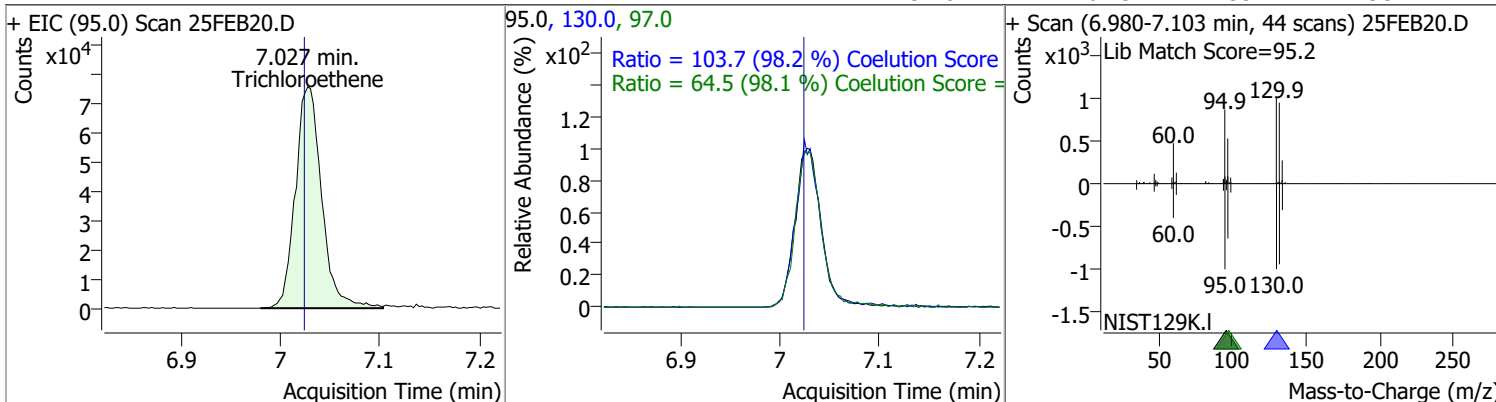


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloroethane | 120.8805 | 6.32 | 0.00 | 125823 | 64.0 | 32.8 | 2.2 | 62.2 |
| | | | | | 98.0 | 8.3 | 0.0 | 38.2 |
| | | | | | 77.0 | 29.8 | 1.0 | 61.0 |

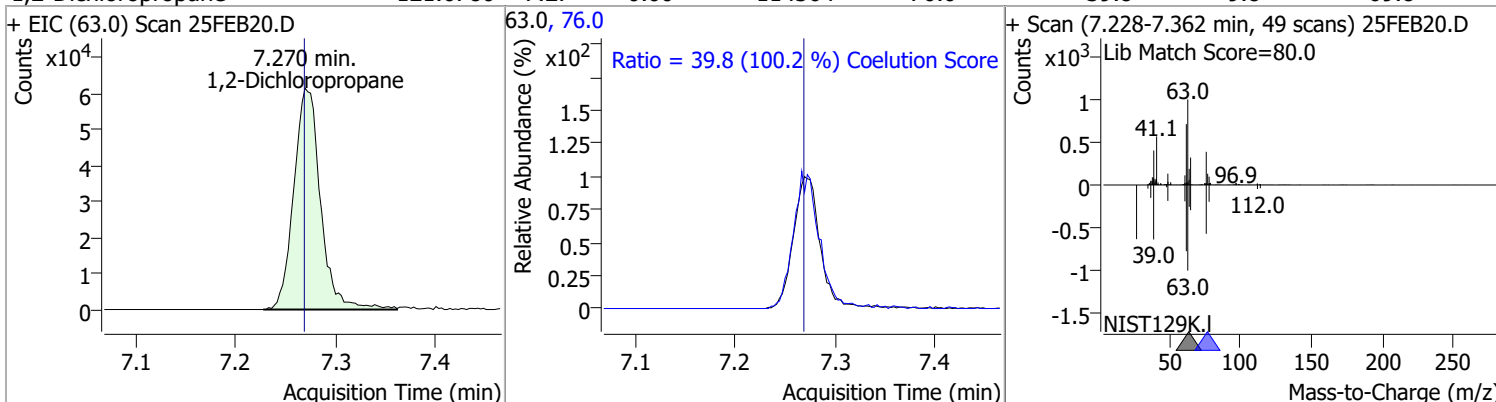


Quantitation Results Report (QT Reviewed)

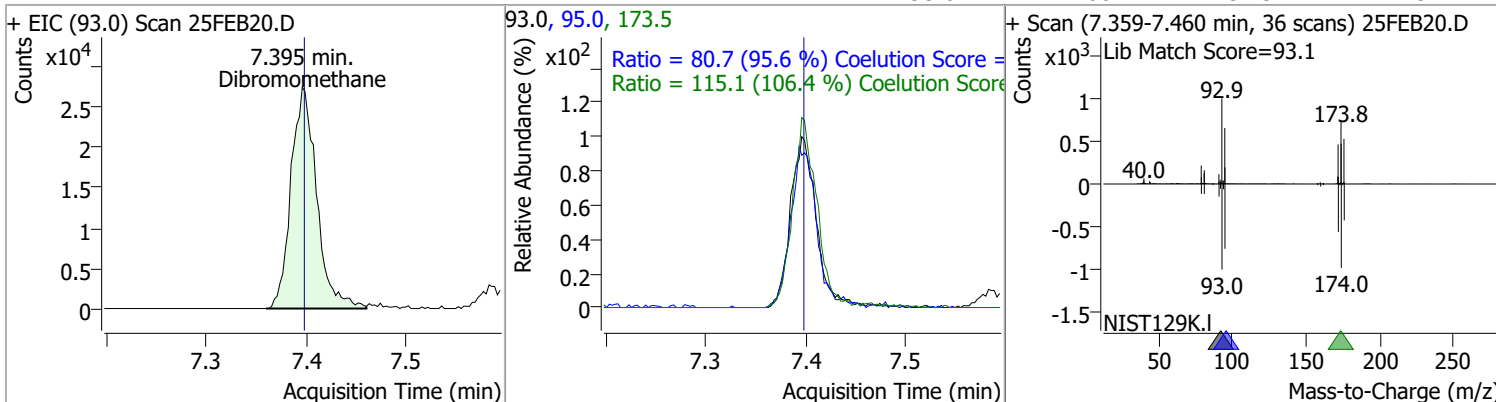
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|------|----------|--------|-------|--------|-------|-------|
| Trichloroethene | 128.6387 | 7.03 | 0.00 | 137516 | 130.0 | 103.7 | 75.6 | 135.6 |
| | | | | | 97.0 | 64.5 | 35.7 | 95.7 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,2-Dichloropropane | 121.6780 | 7.27 | 0.00 | 114364 | 76.0 | 39.8 | 9.8 | 69.8 |

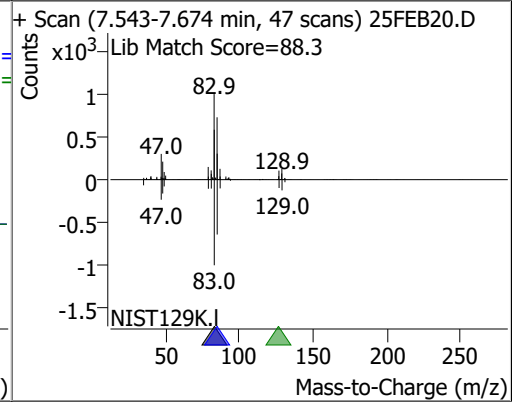
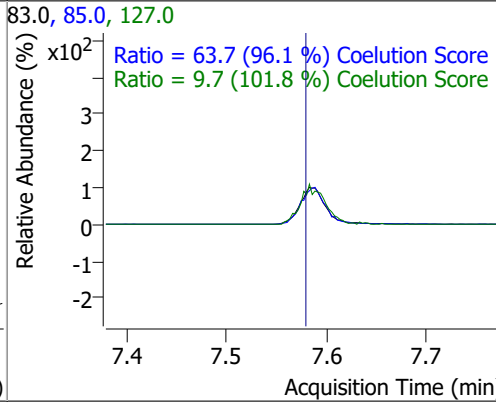
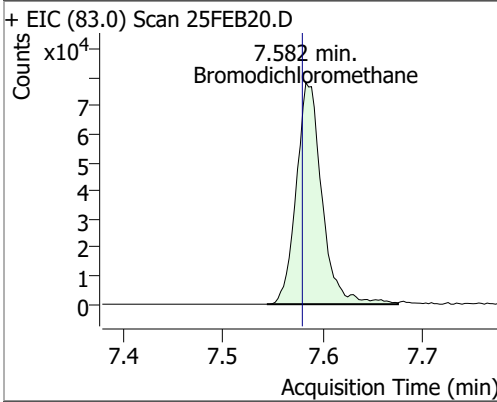


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------|----------|------|----------|-------|-------|--------|-------|-------|
| Dibromomethane | 123.6320 | 7.40 | 0.00 | 48979 | 173.5 | 115.1 | 78.2 | 138.2 |
| | | | | | 95.0 | 80.7 | 54.5 | 114.5 |

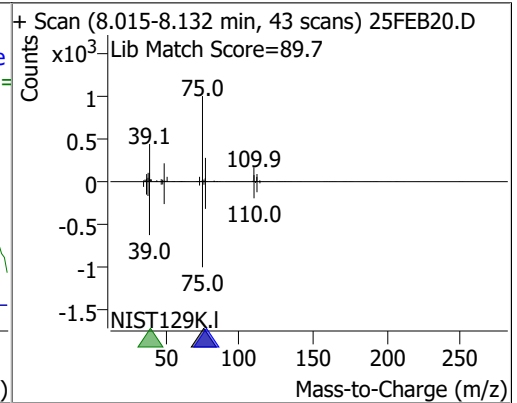
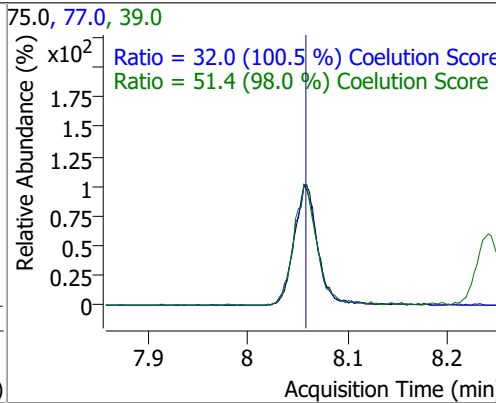
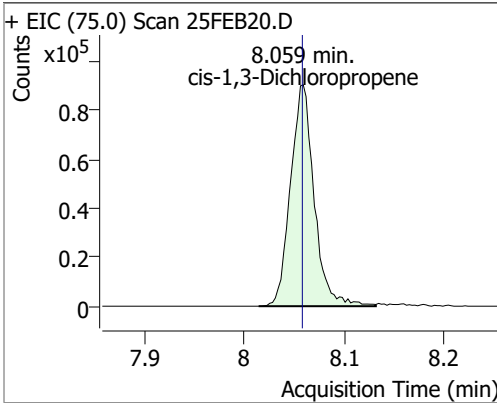


Quantitation Results Report (QT Reviewed)

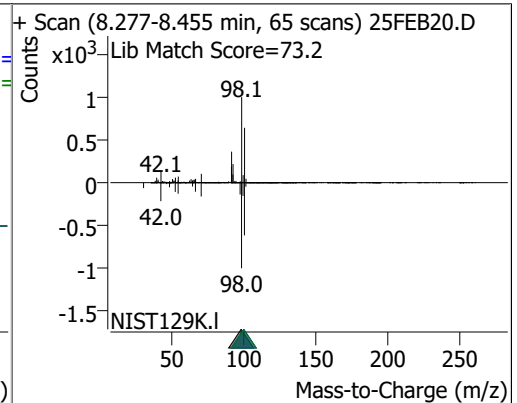
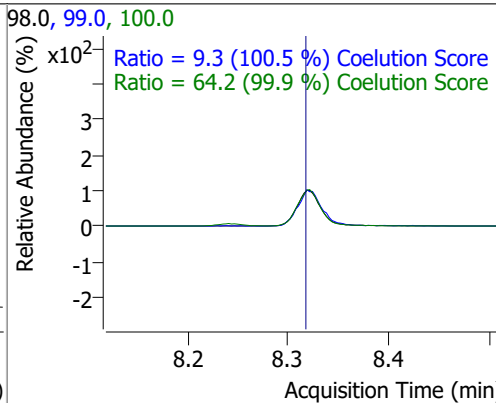
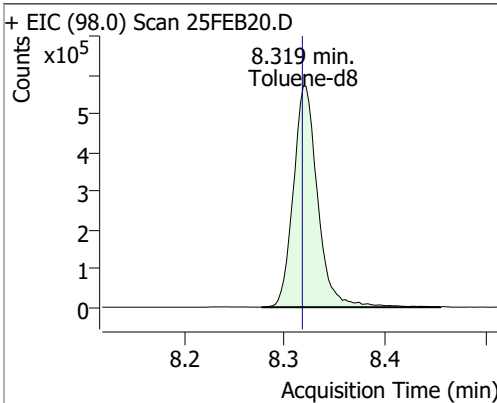
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Bromodichloromethane | 125.1163 | 7.58 | 0.00 | 139381 | 85.0 | 63.7 | 36.3 | 96.3 |
| | | | | | 127.0 | 9.7 | 0.0 | 39.5 |



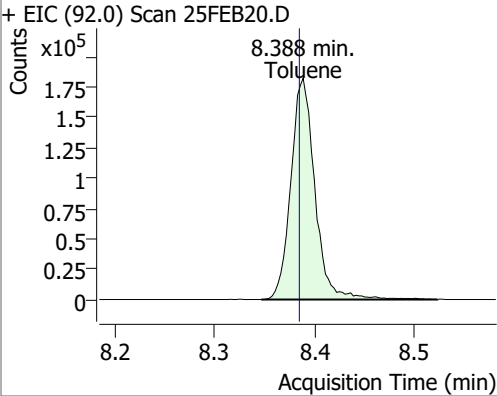
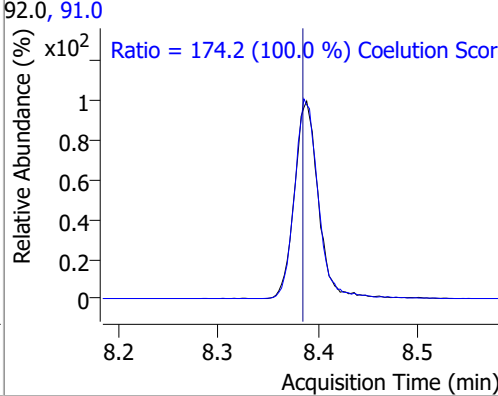
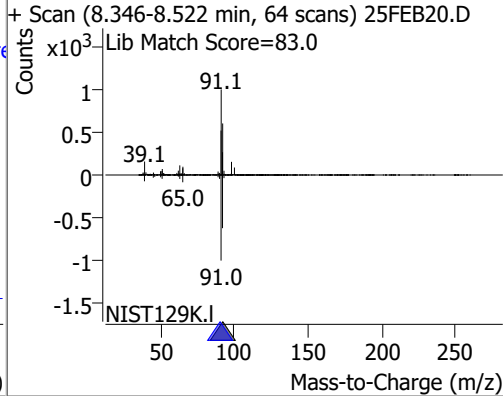
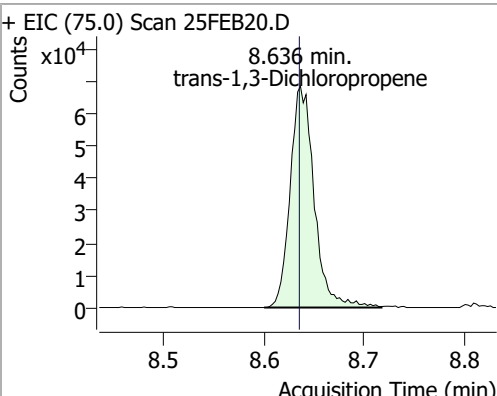
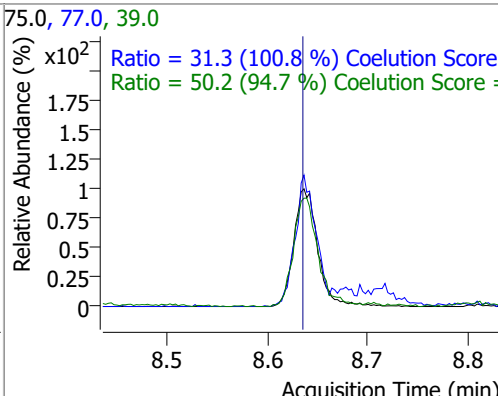
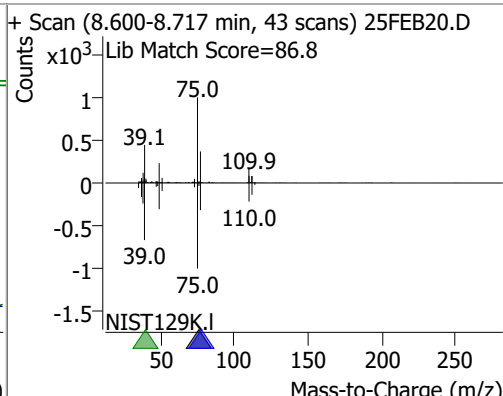
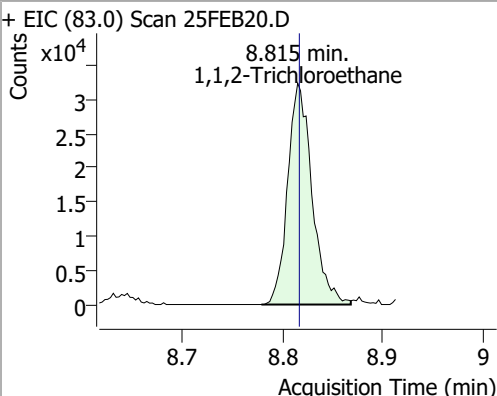
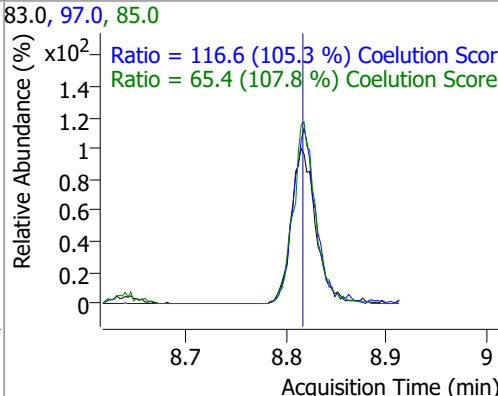
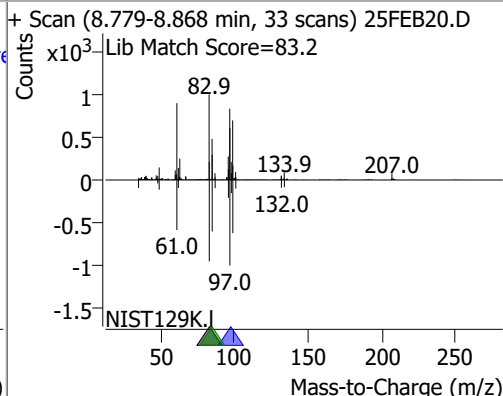
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------------|----------|------|----------|--------|------|--------|-------|-------|
| cis-1,3-Dichloropropene | 121.6936 | 8.06 | 0.00 | 148763 | 39.0 | 51.4 | 22.5 | 82.5 |
| | | | | | 77.0 | 32.0 | 1.8 | 61.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------|----------|------|----------|--------|-------|--------|-------|-------|
| Toluene-d8 | 278.0539 | 8.32 | 0.00 | 968645 | 100.0 | 64.2 | 34.3 | 94.3 |
| | | | | | 99.0 | 9.3 | 0.0 | 39.2 |

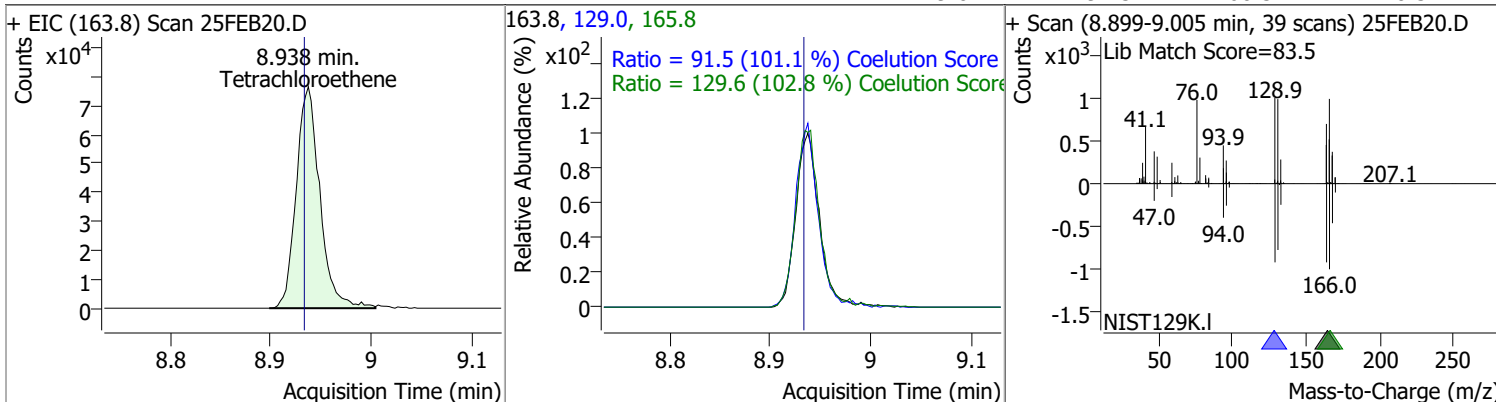


Quantitation Results Report (QT Reviewed)

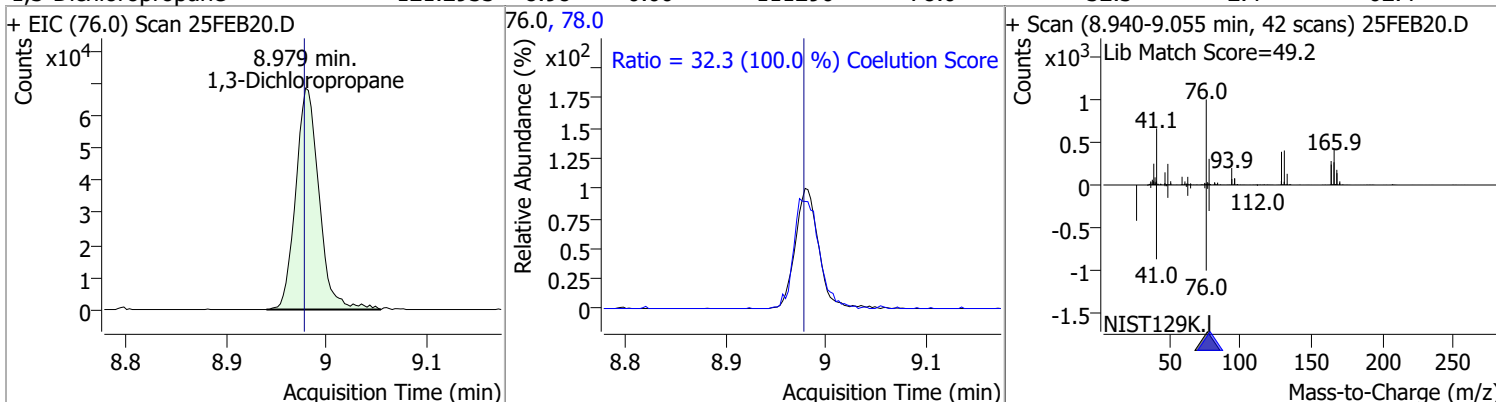
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|----------|------|--|--------|------|---|-------|-------|
| Toluene | 131.2226 | 8.39 | 0.00 | 304708 | 91.0 | 174.2 | 144.1 | 204.1 |
| + EIC (92.0) Scan 25FEB20.D | | | 92.0, 91.0 | | | + Scan (8.346-8.522 min, 64 scans) 25FEB20.D | | |
|  | | |  | | |  | | |
| | | | Ratio = 174.2 (100.0 %) Coelution Score | | | | | |
| trans-1,3-Dichloropropene | 128.3737 | 8.64 | 0.00 | 114468 | 39.0 | 50.2 | 23.0 | 83.0 |
| + EIC (75.0) Scan 25FEB20.D | | | 75.0, 77.0, 39.0 | | | + Scan (8.600-8.717 min, 43 scans) 25FEB20.D | | |
|  | | |  | | |  | | |
| | | | Ratio = 31.3 (100.8 %) Coelution Score | | | | | |
| | | | Ratio = 50.2 (94.7 %) Coelution Score | | | | | |
| 1,1,2-Trichloroethane | 120.3804 | 8.81 | 0.00 | 54581 | 97.0 | 116.6 | 80.7 | 140.7 |
| + EIC (83.0) Scan 25FEB20.D | | | 83.0, 97.0, 85.0 | | | + Scan (8.779-8.868 min, 33 scans) 25FEB20.D | | |
|  | | |  | | |  | | |
| | | | Ratio = 116.6 (105.3 %) Coelution Score | | | | | |
| | | | Ratio = 65.4 (107.8 %) Coelution Score | | | | | |

Quantitation Results Report (QT Reviewed)

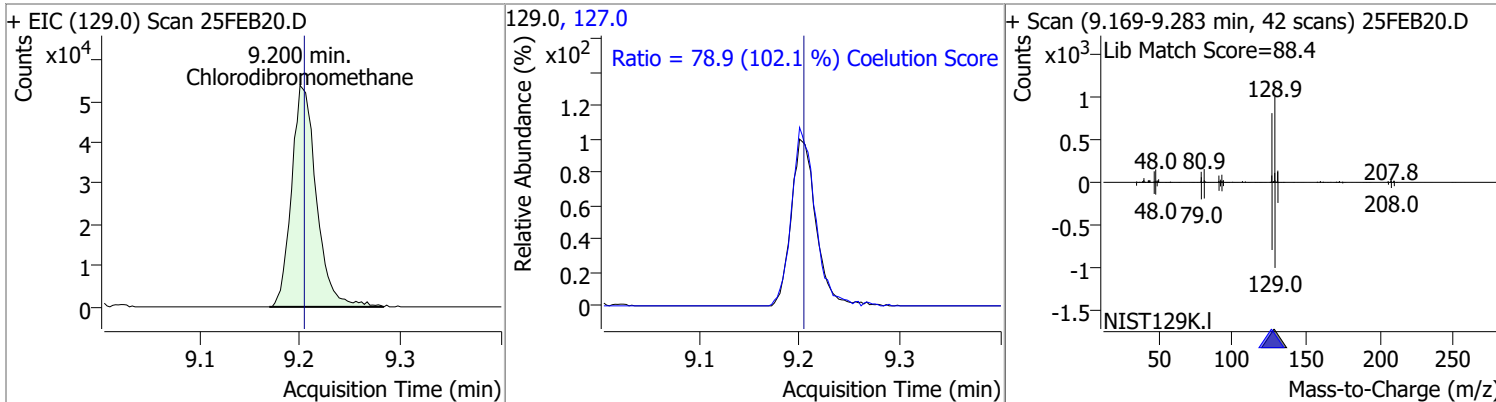
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|--------|-------|--------|-------|-------|
| Tetrachloroethene | 132.8117 | 8.94 | 0.00 | 125057 | 165.8 | 129.6 | 96.1 | 156.1 |
| | | | | | 129.0 | 91.5 | 60.5 | 120.5 |



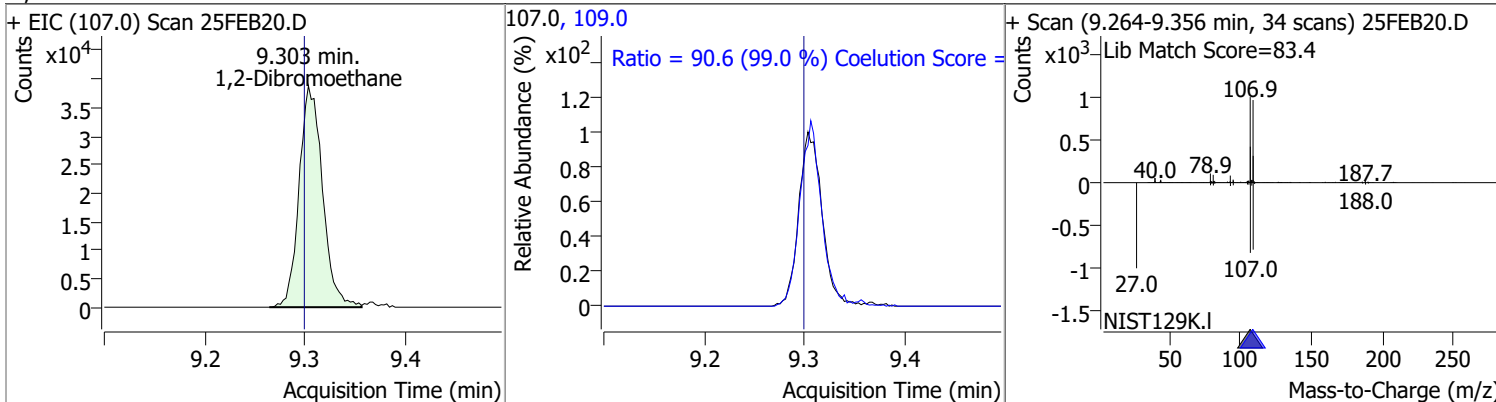
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|------|----------|--------|------|--------|-------|-------|
| 1,3-Dichloropropane | 121.2933 | 8.98 | 0.00 | 111290 | 78.0 | 32.3 | 2.4 | 62.4 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|------|----------|-------|-------|--------|-------|-------|
| Chlorodibromomethane | 126.9695 | 9.20 | -0.01 | 92715 | 127.0 | 78.9 | 47.2 | 107.2 |

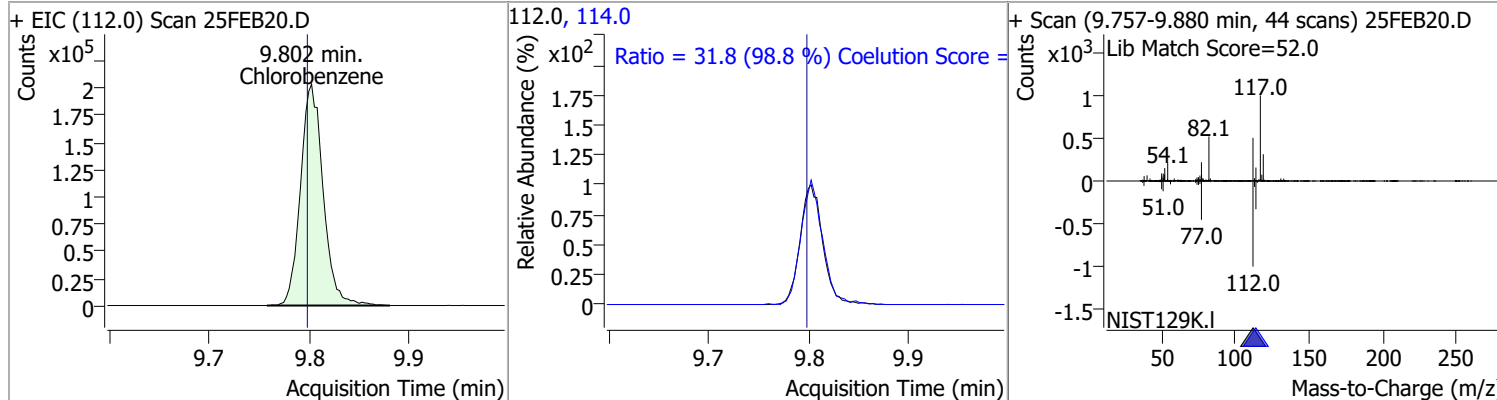


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------------|----------|------|----------|-------|-------|--------|-------|-------|
| 1,2-Dibromoethane | 125.3320 | 9.30 | 0.00 | 62762 | 109.0 | 90.6 | 61.5 | 121.5 |

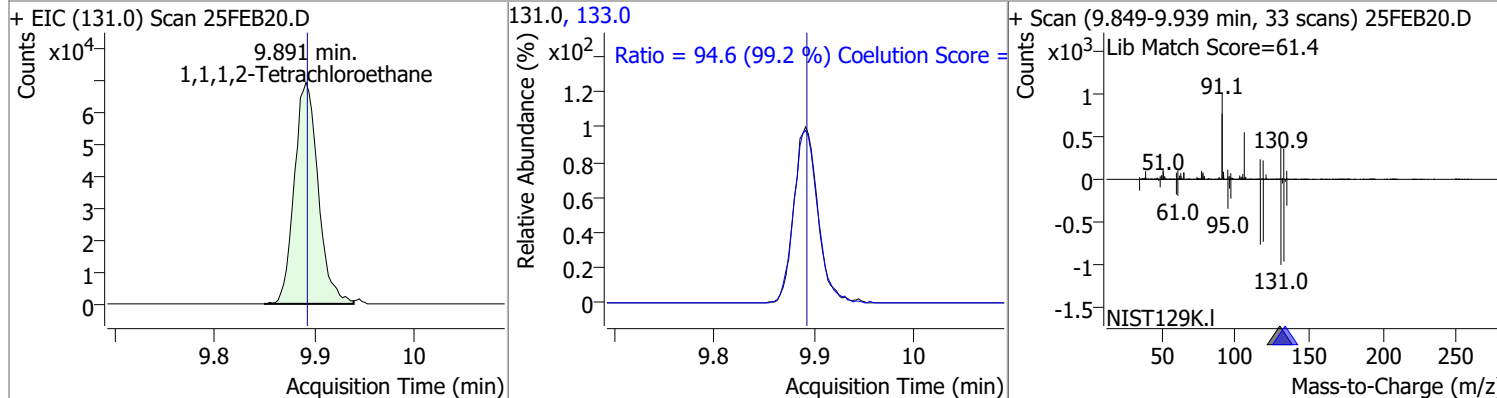


Quantitation Results Report (QT Reviewed)

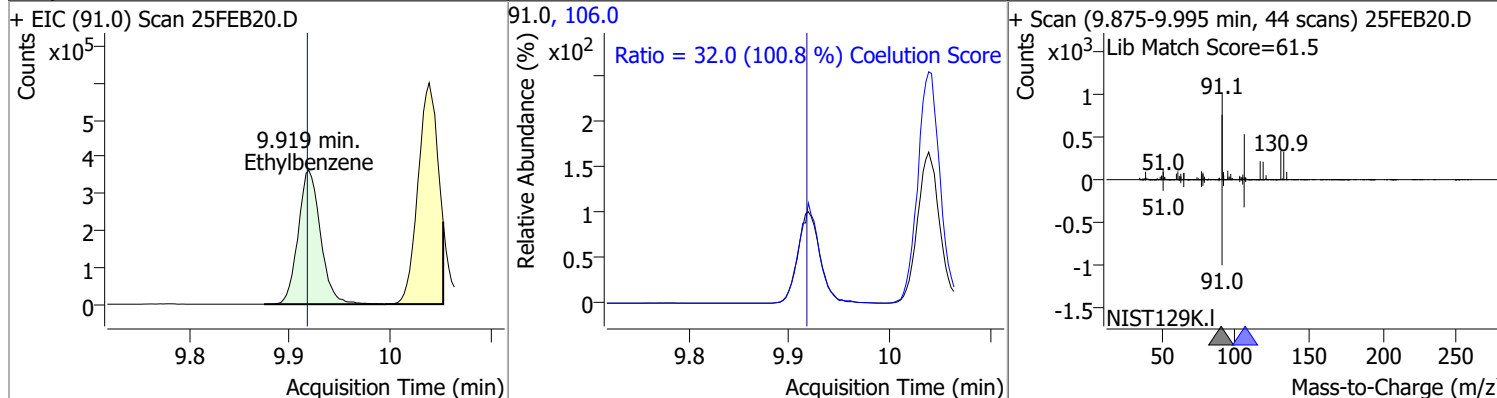
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------|----------|------|----------|--------|-------|--------|-------|-------|
| Chlorobenzene | 125.3319 | 9.80 | 0.00 | 319038 | 114.0 | 31.8 | 2.2 | 62.2 |



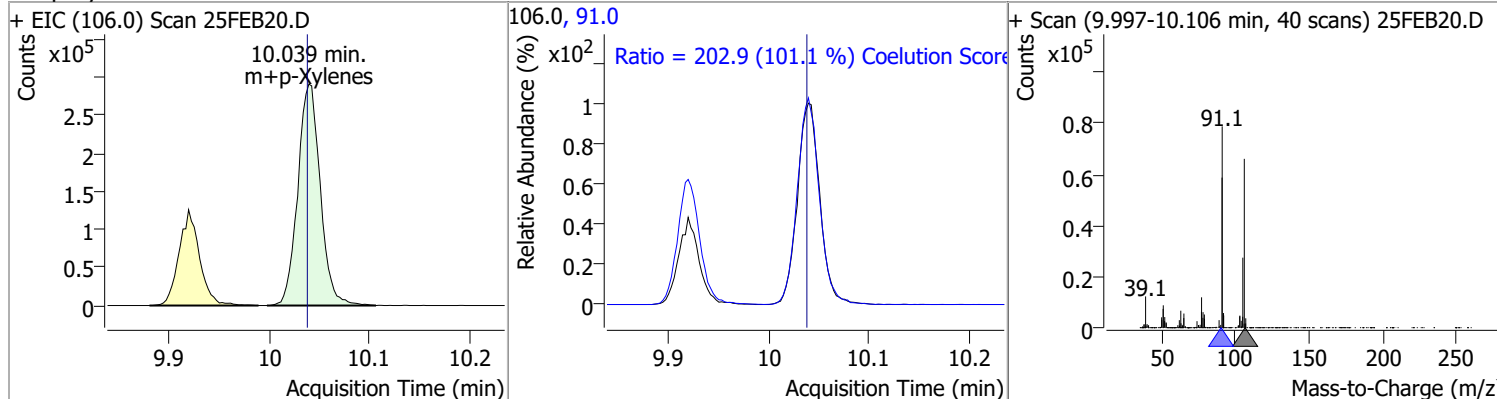
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|------|----------|--------|-------|--------|-------|-------|
| 1,1,1,2-Tetrachloroethane | 128.5281 | 9.89 | 0.00 | 114794 | 133.0 | 94.6 | 65.3 | 125.3 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|------|----------|--------|-------|--------|-------|-------|
| Ethylbenzene | 126.4422 | 9.92 | 0.00 | 561196 | 106.0 | 32.0 | 1.7 | 61.7 |

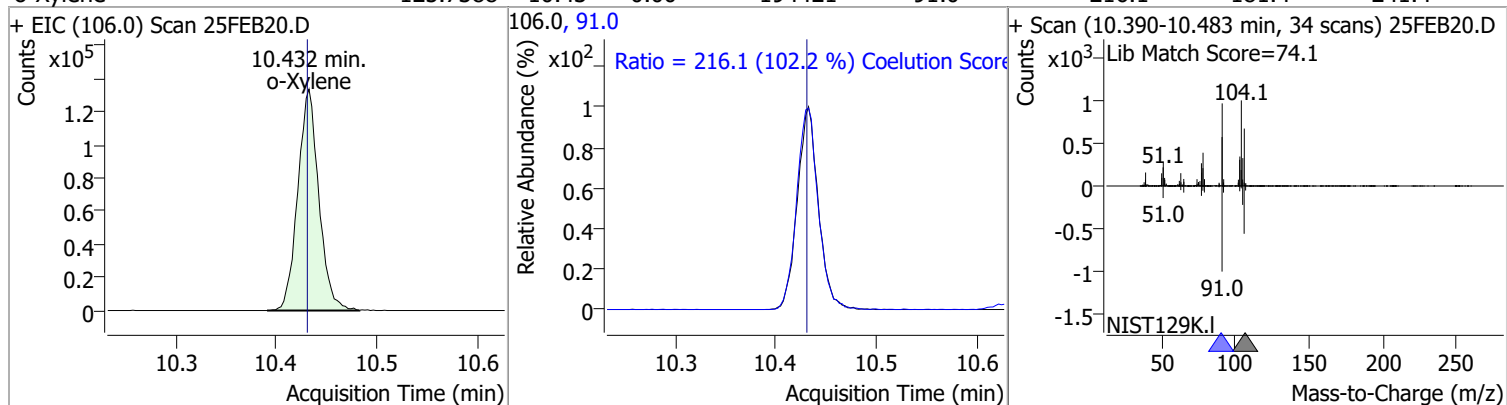


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-------------|----------|-------|----------|--------|------|--------|-------|-------|
| m+p-Xylenes | 256.6674 | 10.04 | 0.00 | 454047 | 91.0 | 202.9 | 170.7 | 230.7 |

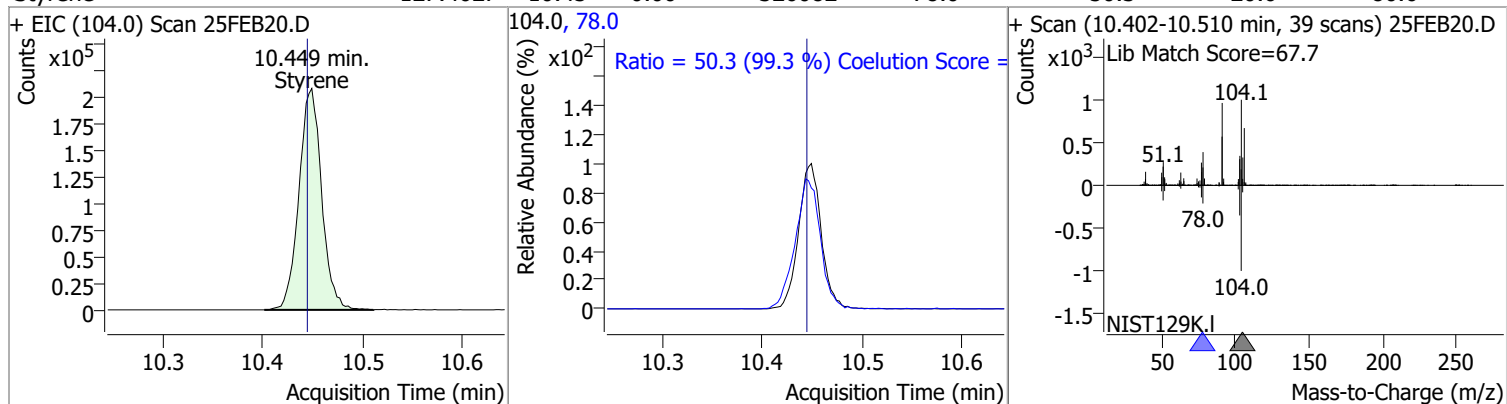


Quantitation Results Report (QT Reviewed)

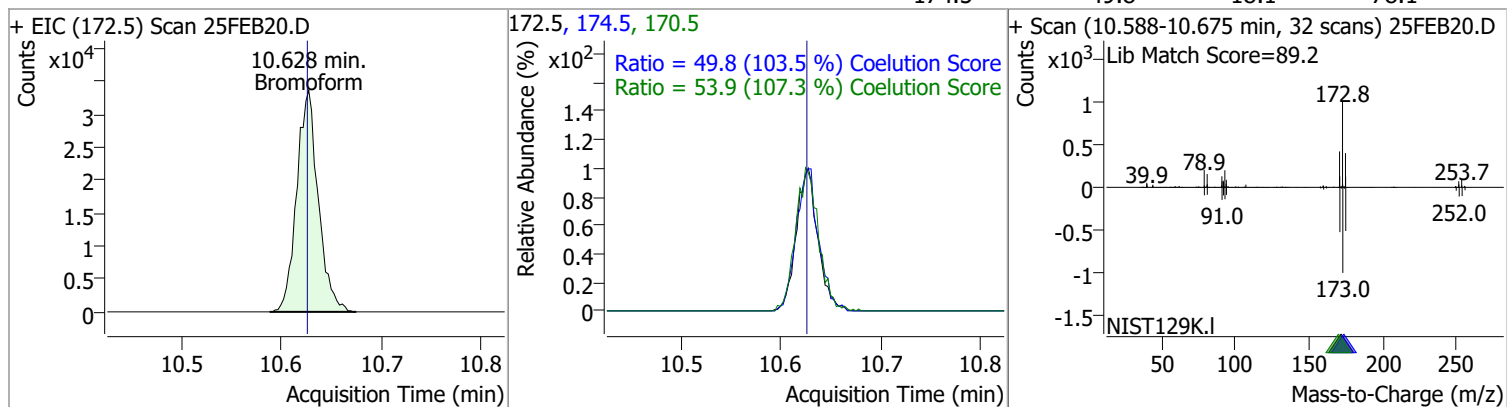
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| o-Xylene | 125.7388 | 10.43 | 0.00 | 194421 | 91.0 | 216.1 | 181.4 | 241.4 |



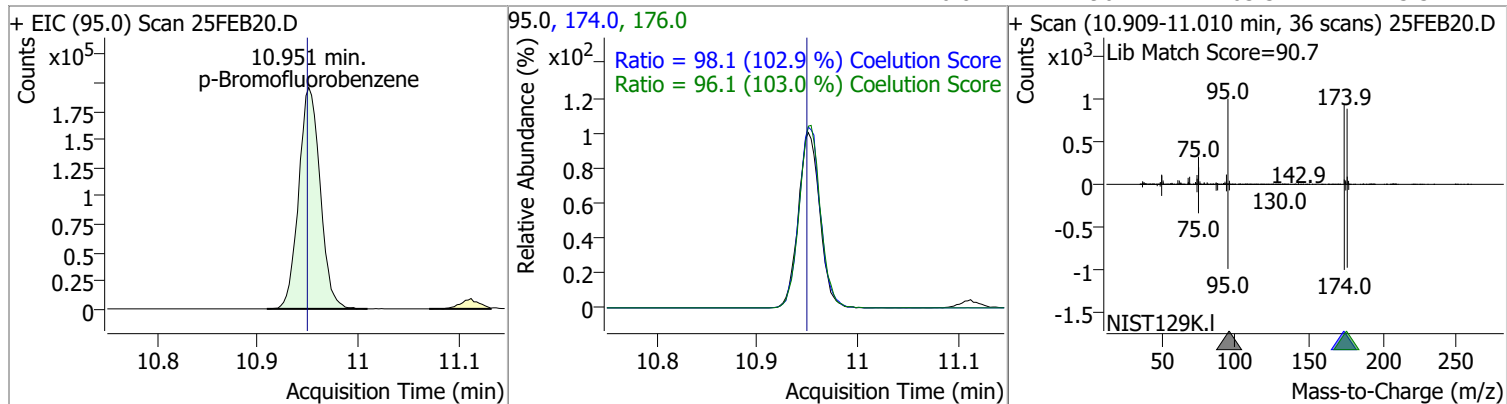
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------|----------|-------|----------|--------|------|--------|-------|-------|
| Styrene | 127.4627 | 10.45 | 0.00 | 326082 | 78.0 | 50.3 | 20.6 | 80.6 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------|----------|-------|----------|-------|-------|--------|-------|-------|
| Bromoform | 119.5284 | 10.63 | 0.00 | 50064 | 170.5 | 53.9 | 20.3 | 80.3 |
| | | | | | 174.5 | 49.8 | 18.1 | 78.1 |

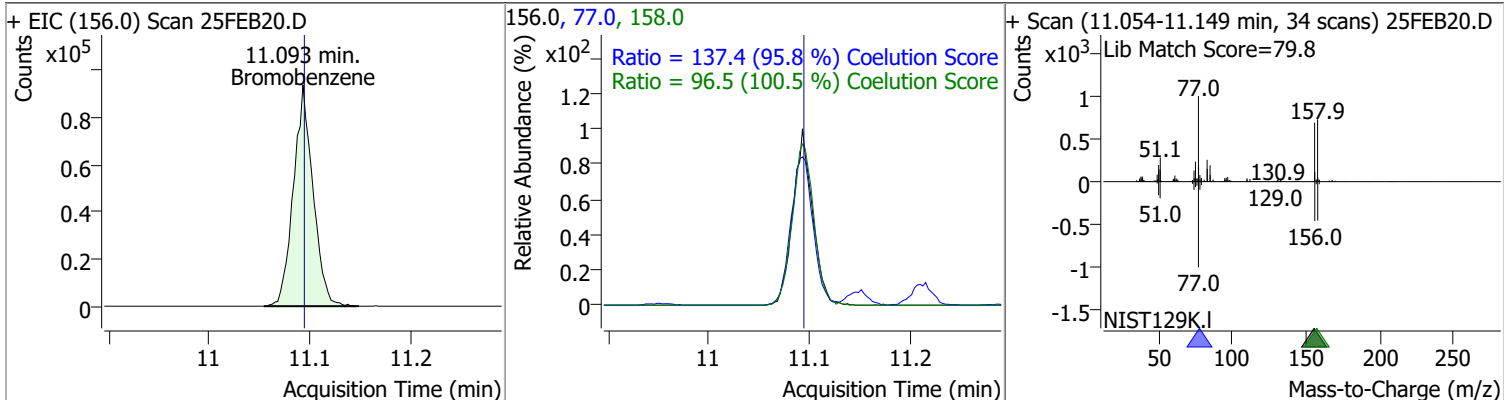


| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|----------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| p-Bromofluorobenzene | 252.3656 | 10.95 | 0.00 | 291255 | 174.0 | 98.1 | 65.3 | 125.3 |
| | | | | | 176.0 | 96.1 | 63.3 | 123.3 |

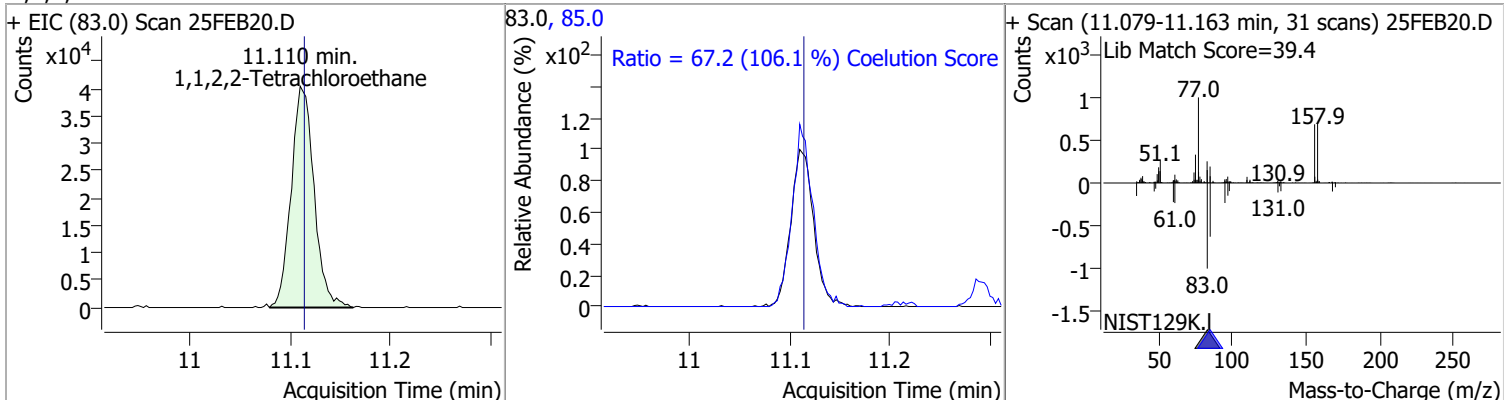


Quantitation Results Report (QT Reviewed)

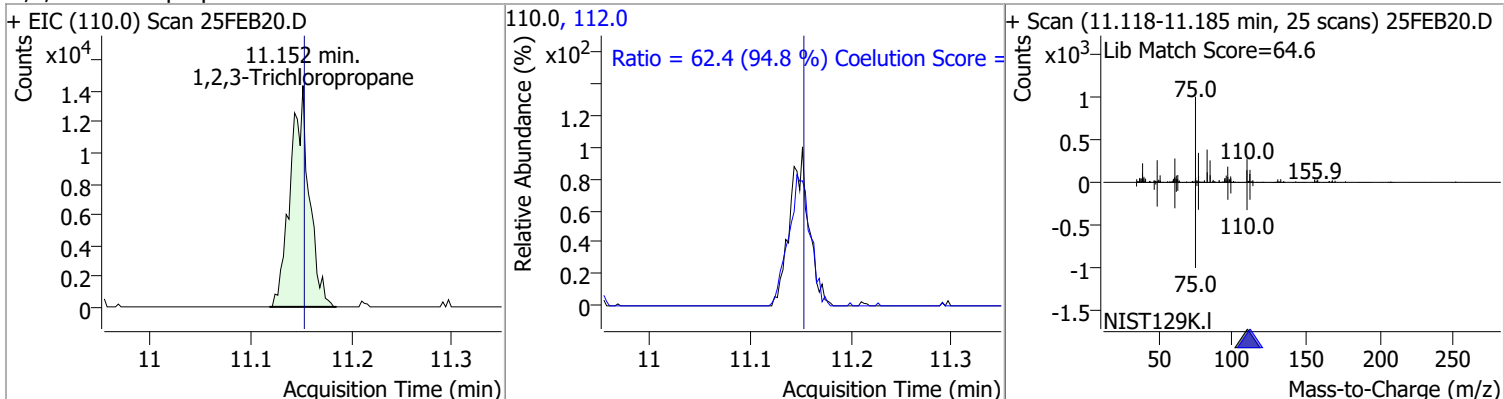
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--------------|----------|-------|----------|--------|-------|--------|-------|-------|
| Bromobenzene | 125.1268 | 11.09 | 0.00 | 127349 | 77.0 | 137.4 | 113.5 | 173.5 |
| | | | | | 158.0 | 96.5 | 66.1 | 126.1 |



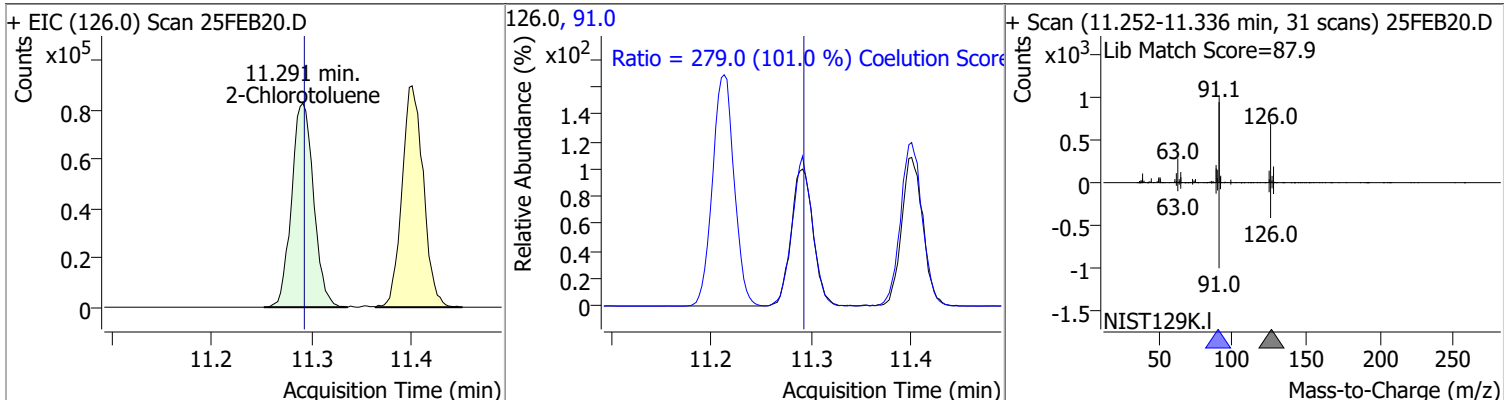
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------------|----------|-------|----------|-------|------|--------|-------|-------|
| 1,1,2,2-Tetrachloroethane | 110.4631 | 11.11 | 0.00 | 64126 | 85.0 | 67.2 | 33.3 | 93.3 |



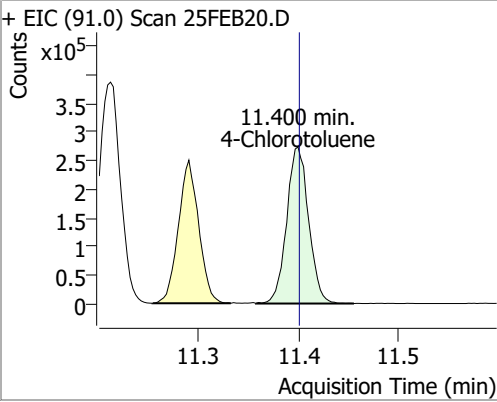
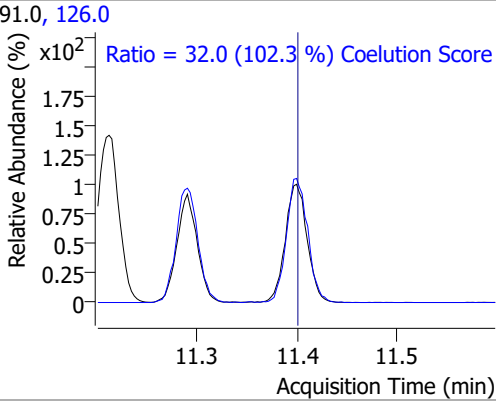
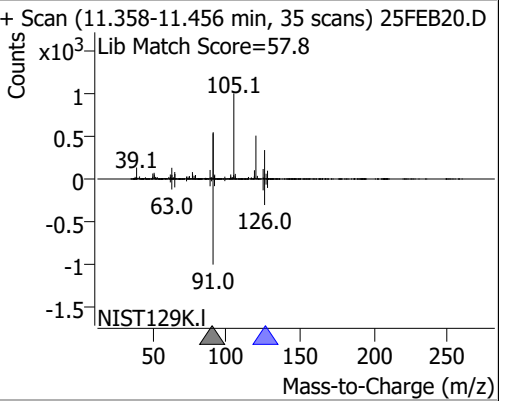
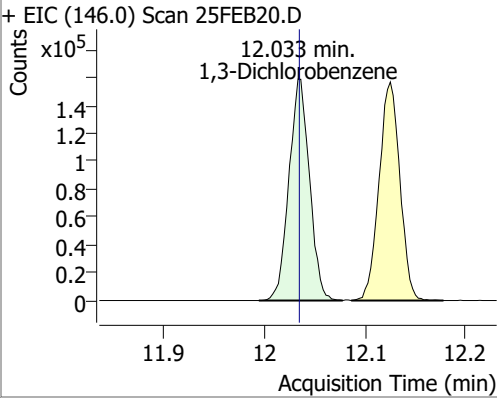
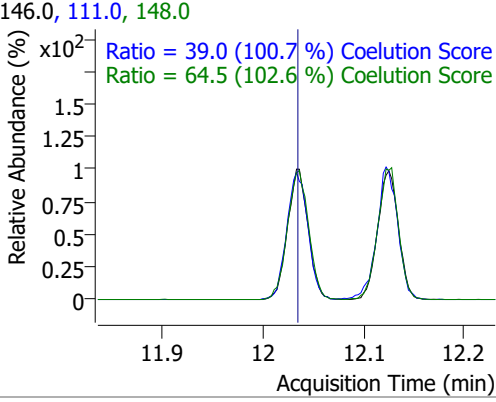
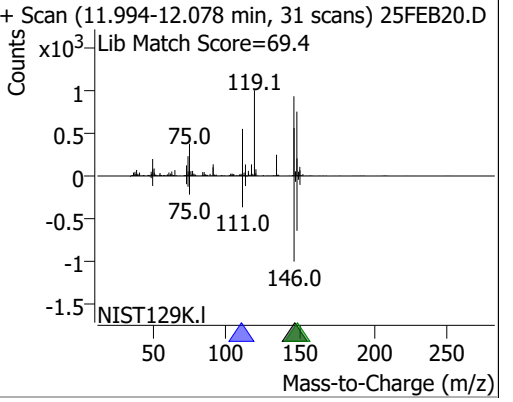
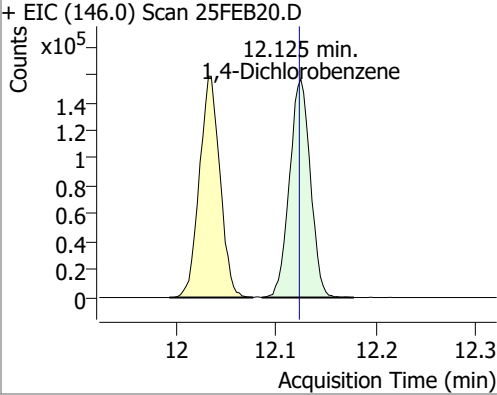
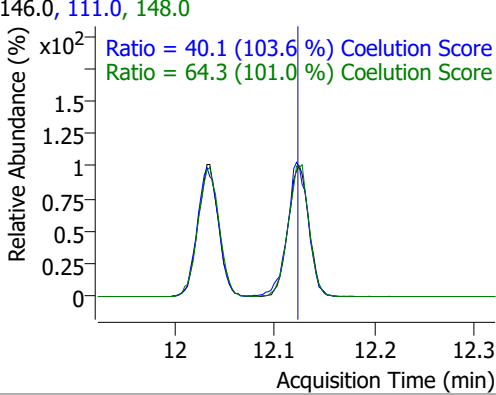
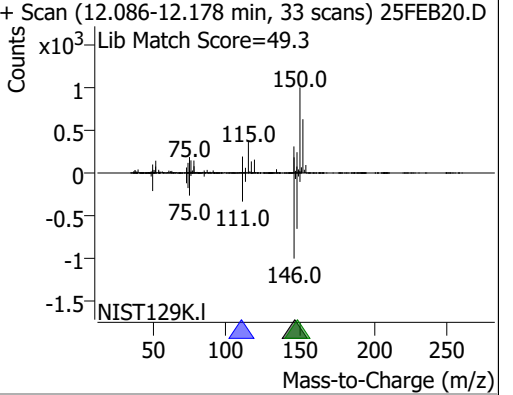
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|------------------------|----------|-------|----------|-------|-------|--------|-------|-------|
| 1,2,3-Trichloropropane | 123.5226 | 11.15 | 0.00 | 18840 | 112.0 | 62.4 | 35.8 | 95.8 |



| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|-----------------|----------|-------|----------|--------|------|--------|-------|-------|
| 2-Chlorotoluene | 125.2805 | 11.29 | 0.00 | 126194 | 91.0 | 279.0 | 246.2 | 306.2 |

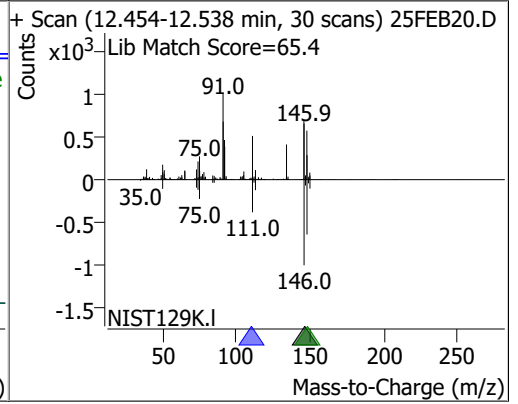
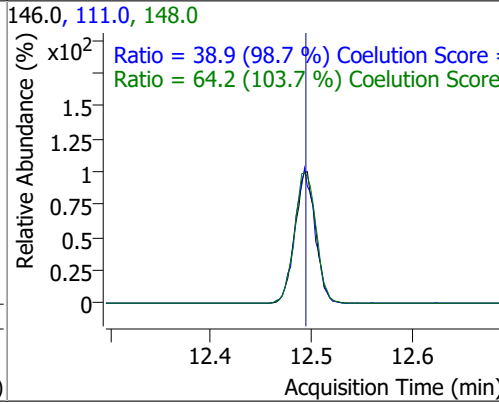
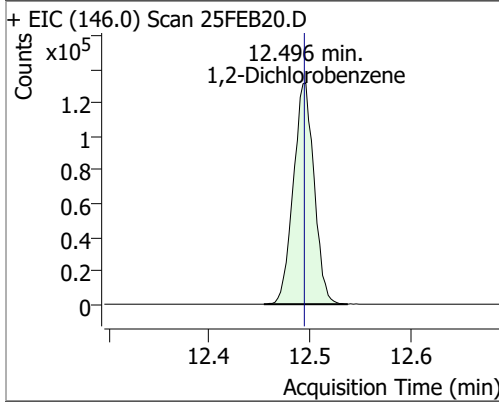


Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|--|----------|-------|---|--------|-------|---|-------|-------|
| 4-Chlorotoluene | 127.1122 | 11.40 | 0.00 | 414707 | 126.0 | 32.0 | 1.3 | 61.3 |
| + EIC (91.0) Scan 25FEB20.D  | | | 91.0, 126.0  | | | + Scan (11.358-11.456 min, 35 scans) 25FEB20.D Lib Match Score=57.8  | | |
| 1,3-Dichlorobenzene | 122.6529 | 12.03 | 0.00 | 226170 | 148.0 | 64.5 | 32.8 | 92.8 |
| + EIC (146.0) Scan 25FEB20.D  | | | 146.0, 111.0, 148.0  | | | + Scan (11.994-12.078 min, 31 scans) 25FEB20.D Lib Match Score=69.4  | | |
| 1,4-Dichlorobenzene | 120.5293 | 12.13 | 0.00 | 226584 | 148.0 | 64.3 | 33.7 | 93.7 |
| + EIC (146.0) Scan 25FEB20.D  | | | 146.0, 111.0, 148.0  | | | + Scan (12.086-12.178 min, 33 scans) 25FEB20.D Lib Match Score=49.3  | | |

Quantitation Results Report (QT Reviewed)

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---------------------|----------|-------|----------|--------|-------|--------|-------|-------|
| 1,2-Dichlorobenzene | 123.2679 | 12.50 | 0.00 | 189772 | 148.0 | 64.2 | 31.9 | 91.9 |
| | | | | | 111.0 | 38.9 | 9.5 | 69.5 |



Audit Trail report

Batch name and path: D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|-----------------------|---|--------|---------|---------|-----------|
| CmdNewBatchTable | BL2000\mchavez | 2/25/2022 9:46:09 AM | Create new batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 9:46:18 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB01.D | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 9:50:11 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB02.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 9:50:16 AM | Set SampleType = TuneCheck for sample 25FEB02.D; previous value = Sample | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 9:50:18 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\mchavez | 2/25/2022 9:54:41 AM | Start method editing | | | ✓ | |
| CmdImportMethodFromFile | BL2000\mchavez | 2/25/2022 9:54:41 AM | Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CALL\VOA5975C_8260B_SHT_DoD_L4_011922.m | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\mchavez | 2/25/2022 9:54:45 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\mchavez | 2/25/2022 9:54:46 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\mchavez | 2/25/2022 9:54:46 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 9:54:50 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 9:55:21 AM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 10:27:11 AM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 10:27:57 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB03.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 10:28:04 AM | Set SampleType = TuneCheck for sample 25FEB03.D; previous value = Sample | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 10:28:07 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 10:30:10 AM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 10:31:16 AM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|-----------------------|---|--------|---------|---------|-----------|
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 11:22:16 AM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 11:22:32 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB04.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 11:22:37 AM | Set SampleType = CC for sample 25FEB04.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 11:22:41 AM | Set LevelName = CC for sample 25FEB04.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 11:22:44 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 11:27:52 AM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 1:07:30 PM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 1:07:57 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB07.D, D:\Org\Data\VOA5975C\VG022522\25FEB06.D, D:\Org\Data\VOA5975C\VG022522\25FEB05.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 1:08:53 PM | Set SampleType = QC for sample 25FEB05.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 1:08:59 PM | Set LevelName = QC for sample 25FEB05.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 1:09:03 PM | Set SampleInformation = LCSA for sample 25FEB05.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/25/2022 1:09:08 PM | Set SampleType = Blank for sample 25FEB07.D; previous value = Sample | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 1:09:14 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 1:14:55 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 2:08:37 PM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 2:09:10 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB08.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 2:09:18 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 2:19:16 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB09.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 2:19:24 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 2:26:42 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 2:41:36 PM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 2:42:36 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB10.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 2:43:05 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 2:47:00 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/25/2022 2:53:27 PM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 3:31:10 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB11.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 3:34:06 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 4:08:32 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB13.D, D:\Org\Data\VOA5975C\VG022522\25FEB12.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 4:08:43 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/25/2022 4:39:05 PM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB14.D | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/25/2022 4:39:17 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/25/2022 4:51:01 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 2/28/2022 8:07:07 AM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|------------------------------|----------------|----------------------|---|--------|---------|---------|-----------|
| CmdImportSamplesFromWorklist | BL2000\mchavez | 2/28/2022 8:08:38 AM | Add samples from worklist: D:\Org\Data\VOA5975C\VG022522\25FEB21.D, D:\Org\Data\VOA5975C\VG022522\25FEB20.D, D:\Org\Data\VOA5975C\VG022522\25FEB19.D, D:\Org\Data\VOA5975C\VG022522\25FEB18.D, D:\Org\Data\VOA5975C\VG022522\25FEB17.D, D:\Org\Data\VOA5975C\VG022522\25FEB16.D, D:\Org\Data\VOA5975C\VG022522\25FEB15.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:08:47 AM | Set SampleType = CC for sample 25FEB20.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:11:35 AM | Set LevelName = CC for sample 25FEB20.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/28/2022 8:11:51 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:23 AM | Set SampleType = Matrix for sample 25FEB17.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:29 AM | Set SampleType = MatrixDup for sample 25FEB18.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:36 AM | Set SampleInformation = MatrixA for sample 25FEB17.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:39 AM | Set SampleInformation = MatrixA for sample 25FEB18.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:44 AM | Set MatrixSpikeGroup = 11 for sample 25FEB17.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:46 AM | Set MatrixSpikeGroup = 11 for sample 25FEB18.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:55 AM | Set SampleType = MatrixBlank for sample 25FEB10.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 2/28/2022 8:12:58 AM | Set MatrixSpikeGroup = 11 for sample 25FEB10.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 2/28/2022 8:13:15 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 2/28/2022 9:44:07 AM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\mchavez | 3/1/2022 8:35:51 PM | Open batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:36:16 PM | Set SampleApproved = True for sample 25FEB03.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:37:19 PM | Set SampleApproved = True for sample 25FEB04.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:38:08 PM | Set SampleApproved = True for sample 25FEB05.D; previous value = False | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:40:47 PM | Manually integrate compound Methylene chloride in sample 25FEB07.D from x, y = 3.330, 1220 to 3.361, 380; result = -264 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:40:48 PM | Manually integrate compound Methylene chloride in sample 25FEB07.D, from x, y = 3.294, 0 to 3.377, 0, result = 2491; previous integration is from x, y = 3.330, 1220 to 3.361, 380 and previous response = -264. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:40:53 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB07.D from x, y = 3.274, 0 to 3.389, 0; result = 2077 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:40:56 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB07.D from x, y = 3.294, 0 to 3.377, 0; result = 1154 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:41:16 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB07.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:41:28 PM | Manually integrate compound Chloroform in sample 25FEB07.D from x, y = 5.622, 0 to 5.698, 0; result = 491 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:41:30 PM | Manually integrate qualifier85.0 of compound Chloroform in sample 25FEB07.D from x, y = 5.647, 0 to 5.678, 0; result = 133 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:41:37 PM | Zero out qualifier peak of compound Chloroform 85.0 in sample 25FEB07.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:41:42 PM | Zero out qualifier peak of compound Chloroform 85.0 in sample 25FEB07.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:41:45 PM | Zero out primary peak of compound Chloroform in sample 25FEB07.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:42:03 PM | Manually integrate compound Toluene in sample 25FEB07.D from x, y = 8.363, 0 to 8.405, 0; result = 153 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:42:05 PM | Manually integrate qualifier91.0 of compound Toluene in sample 25FEB07.D from x, y = 8.352, 0 to 8.416, 0; result = 276 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:42:12 PM | Set UserAnnotation = NI for compound Toluene in sample 25FEB07.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:42:39 PM | Manually integrate compound 4-Chlorotoluene in sample 25FEB07.D from x, y = 11.378, 0 to 11.442, 0; result = 202 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:42:41 PM | Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 25FEB07.D from x, y = 11.378, 0 to 11.448, 0; result = 52 | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:42:47 PM | Set SampleApproved = True for sample 25FEB07.D; previous value = False | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:43:15 PM | Set UserAnnotation = NI for compound 4-Chlorotoluene in sample 25FEB07.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 8:43:30 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:44:01 PM | Manually integrate compound Toluene in sample 25FEB08.D from x, y = 8.374, 0 to 8.419, 0; result = 568 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:44:05 PM | Manually integrate qualifier91.0 of compound Toluene in sample 25FEB08.D from x, y = 8.347, 0 to 8.439, 0; result = 1122 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:44:08 PM | Set UserAnnotation = NI for compound Toluene in sample 25FEB08.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:44:13 PM | Manually integrate compound Chloroform in sample 25FEB08.D from x, y = 5.605, 0 to 5.700, 0; result = 1981 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:44:16 PM | Manually integrate qualifier85.0 of compound Chloroform in sample 25FEB08.D from x, y = 5.617, 0 to 5.709, 0; result = 1065 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:44:22 PM | Manually integrate compound Methylene chloride in sample 25FEB08.D from x, y = 3.285, 0 to 3.383, 0; result = 1700 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:44:25 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB08.D from x, y = 3.266, 0 to 3.391, 0; result = 1221 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:44:27 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB08.D from x, y = 3.305, 0 to 3.366, 0; result = 505 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:44:47 PM | Manually integrate compound o-Xylene in sample 25FEB08.D from x, y = 10.407, 0 to 10.455, 0; result = 97 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:44:49 PM | Manually integrate qualifier91.0 of compound o-Xylene in sample 25FEB08.D from x, y = 10.399, 0 to 10.499, 0; result = 617 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:45:01 PM | Zero out primary peak of compound o-Xylene in sample 25FEB08.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:45:31 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB08.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:46:13 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB07.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:46:30 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform for sample 25FEB07.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:46:49 PM | Manually integrate compound Ethylbenzene in sample 25FEB08.D from x, y = 9.891, 0 to 9.947, 0; result = 384 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:46:51 PM | Manually integrate qualifier106.0 of compound Ethylbenzene in sample 25FEB08.D from x, y = 9.897, 0 to 9.944, 0; result = 36 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:46:55 PM | Set UserAnnotation = NI for compound Ethylbenzene in sample 25FEB08.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:47:04 PM | Manually integrate compound Chlorobenzene in sample 25FEB08.D from x, y = 9.766, 0 to 9.827, 0; result = 195 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:47:07 PM | Manually integrate qualifier114.0 of compound Chlorobenzene in sample 25FEB08.D from x, y = 9.786, 0 to 9.819, 0; result = 99 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:47:11 PM | Set UserAnnotation = NI for compound Chlorobenzene in sample 25FEB08.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:47:53 PM | Manually integrate compound Chloromethane in sample 25FEB08.D from x, y = 1.372, 0 to 1.436, 0; result = 647 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:47:55 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB08.D from x, y = 1.383, 0 to 1.445, 0; result = 144 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:48:15 PM | Set UserAnnotation = NI for compound Chloroform in sample 25FEB08.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:48:19 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB08.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:48:22 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB08.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:48:37 PM | Manually integrate compound Chloromethane in sample 25FEB09.D from x, y = 1.381, 0 to 1.453, 0; result = 923 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:48:40 PM | Manually integrate qualifier 52.0 of compound Chloromethane in sample 25FEB09.D from x, y = 1.372, 0 to 1.425, 0; result = 147 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:48:47 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB09.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:48:55 PM | Manually integrate compound Methylene chloride in sample 25FEB09.D from x, y = 3.288, 0 to 3.360, 0; result = 1112 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:48:57 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB09.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:49:02 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 25FEB09.D from x, y = 3.285, 0 to 3.360, 0; result = 449 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:49:05 PM | Manually integrate qualifier 86.0 of compound Methylene chloride in sample 25FEB09.D from x, y = 3.294, 0 to 3.383, 0; result = 302 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:49:12 PM | Manually integrate qualifier 85.0 of compound Chloroform in sample 25FEB09.D, from x, y = 5.572, 0 to 5.686, 0, result = 3549; previous integration is from x, y = 5.644, 0 to 5.686, 0 and previous response = 2361. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:49:20 PM | Manually integrate compound Toluene in sample 25FEB09.D from x, y = 8.355, 0 to 8.436, 0; result = 1317 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:49:39 PM | Zero out primary peak of compound Toluene in sample 25FEB09.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:49:48 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB09.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:49:58 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 25FEB09.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:50:04 PM | Set SampleApproved = True for sample 25FEB08.D; previous value = False | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:51:17 PM | Manually integrate qualifier106.0 of compound Ethylbenzene in sample 25FEB09.D from x, y = 9.877, 0 to 9.950, 0; result = 835 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:51:34 PM | Manually integrate compound Bromoform in sample 25FEB09.D from x, y = 10.594, 0 to 10.678, 0; result = 214 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:51:36 PM | Manually integrate qualifier174.5 of compound Bromoform in sample 25FEB09.D from x, y = 10.605, 0 to 10.653, 0; result = 75 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:51:39 PM | Manually integrate qualifier170.5 of compound Bromoform in sample 25FEB09.D from x, y = 10.603, 0 to 10.658, 0; result = 60 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:51:42 PM | Set UserAnnotation = NI for compound Bromoform in sample 25FEB09.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:51:53 PM | Set SampleApproved = True for sample 25FEB09.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 8:52:10 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:52:41 PM | Manually integrate compound Bromoform in sample 25FEB10.D from x, y = 10.580, 0 to 10.642, 0; result = 35 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:52:44 PM | Manually integrate qualifier174.5 of compound Bromoform in sample 25FEB10.D from x, y = 10.594, 0 to 10.669, 0; result = 35 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:52:48 PM | Manually integrate qualifier170.5 of compound Bromoform in sample 25FEB10.D from x, y = 10.616, 0 to 10.678, 0; result = 33 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:52:52 PM | Zero out primary peak of compound Bromoform in sample 25FEB10.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:53:06 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB10.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:53:26 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Bromoform for sample 25FEB10.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:53:42 PM | Manually integrate compound Toluene in sample 25FEB10.D from x, y = 8.366, 0 to 8.402, 0; result = 81 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:53:45 PM | Manually integrate qualifier 91.0 of compound Toluene in sample 25FEB10.D from x, y = 8.374, 0 to 8.422, 0; result = 641 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:53:49 PM | Zero out primary peak of compound Toluene in sample 25FEB10.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:54:01 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Bromoform, Toluene for sample 25FEB10.D; previous value = Qualifier ratio did not meet method criteria for Bromoform | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:54:18 PM | Manually integrate compound Chloroform in sample 25FEB10.D from x, y = 5.602, 0 to 5.711, 0; result = 800 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:54:20 PM | Manually integrate qualifier 85.0 of compound Chloroform in sample 25FEB10.D from x, y = 5.602, 0 to 5.686, 0; result = 430 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:54:24 PM | Set UserAnnotation = NI for compound Chloroform in sample 25FEB10.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:54:38 PM | Manually integrate compound Methylene chloride in sample 25FEB10.D from x, y = 3.305, 0 to 3.360, 0; result = 730 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:54:39 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 25FEB10.D from x, y = 3.238, 0 to 3.266, 0; result = 0 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:54:43 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 25FEB10.D, from x, y = 3.313, 0 to 3.369, 0, result = 225; previous integration is from x, y = 3.238, 0 to 3.266, 0 and previous response = 0. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:54:46 PM | Manually integrate qualifier 86.0 of compound Methylene chloride in sample 25FEB10.D from x, y = 3.293, 0 to 3.352, 0; result = 37 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 8:54:55 PM | Zero out primary peak of compound Methylene chloride in sample 25FEB10.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:55:10 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Bromoform, Toluene, Methylene chloride for sample 25FEB10.D; previous value = Qualifier ratio did not meet method criteria for Bromoform, Toluene | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:55:22 PM | Manually integrate compound Chloromethane in sample 25FEB10.D from x, y = 1.369, 0 to 1.425, -1; result = 654 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:55:25 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB10.D from x, y = 1.364, 0 to 1.447, 0; result = 169 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:55:32 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB10.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 8:55:38 PM | Set SampleApproved = True for sample 25FEB10.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 8:55:52 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:57:50 PM | Manually integrate compound Chloromethane in sample 25FEB11.D from x, y = 1.367, 0 to 1.436, 0; result = 1013 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:57:54 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB11.D from x, y = 1.389, 0 to 1.434, 0; result = 340 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:58:07 PM | Manually integrate compound Methylene chloride in sample 25FEB11.D from x, y = 3.291, 0 to 3.377, 0; result = 1137 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:58:10 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB11.D from x, y = 3.282, 0 to 3.388, 0; result = 927 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:58:12 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB11.D from x, y = 3.294, 0 to 3.366, 0; result = 278 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:58:24 PM | Manually integrate compound Chloroform in sample 25FEB11.D from x, y = 5.605, 0 to 5.697, 0; result = 1857 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:58:27 PM | Manually integrate qualifier85.0 of compound Chloroform in sample 25FEB11.D from x, y = 5.600, 0 to 5.711, 0; result = 1254 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:58:44 PM | Set UserAnnotation = NI for compound Chloroform in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:59:00 PM | Manually integrate compound Toluene in sample 25FEB11.D from x, y = 8.355, 0 to 8.425, 0; result = 1056 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:59:03 PM | Manually integrate qualifier91.0 of compound Toluene in sample 25FEB11.D from x, y = 8.358, 0 to 8.422, 0; result = 1657 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 8:59:17 PM | Manually integrate compound m+p-Xylenes in sample 25FEB11.D from x, y = 10.011, 0 to 10.070, 0; result = 386 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 8:59:20 PM | Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 25FEB11.D from x, y = 10.003, 0 to 10.084, 0; result = 648 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 8:59:22 PM | Set UserAnnotation = NI for compound m+p-Xylenes in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:00:31 PM | Set UserAnnotation = for compound m+p-Xylenes in sample 25FEB11.D; previous value = NI | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:00:34 PM | Zero out primary peak of compound m+p-Xylenes in sample 25FEB11.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:00:36 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB11.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:00:52 PM | Set UserDefined = Qualifier ratio did not meet method criteria for m+p-Xylenes for sample 25FEB11.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:01:00 PM | Manually integrate compound o-Xylene in sample 25FEB11.D from x, y = 10.396, 0 to 10.458, 0; result = 316 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:01:03 PM | Manually integrate qualifier91.0 of compound o-Xylene in sample 25FEB11.D from x, y = 10.399, 0 to 10.466, 0; result = 634 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:01:50 PM | Set UserAnnotation = NI for compound o-Xylene in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:01:53 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:01:57 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:02:01 PM | Set UserAnnotation = NI for compound Toluene in sample 25FEB11.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:02:24 PM | Quantitate all compounds in all samples | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:02:27 PM | Set SampleApproved = True for sample 25FEB11.D; previous value = False | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:03:28 PM | Manually integrate compound Chloromethane in sample 25FEB12.D from x, y = 1.381, 0 to 1.436, 0; result = 1099 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:03:33 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB12.D from x, y = 1.372, 0 to 1.445, 0; result = 308 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:03:37 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB12.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:03:47 PM | Manually integrate compound Methylene chloride in sample 25FEB12.D from x, y = 3.277, 0 to 3.369, 0; result = 919 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:03:50 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB12.D from x, y = 3.285, 0 to 3.377, 0; result = 596 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:03:53 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB12.D from x, y = 3.277, 0 to 3.383, 0; result = 315 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:03:58 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB12.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:04:10 PM | Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 25FEB12.D from x, y = 5.229, 0 to 5.335, 0; result = 191 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:04:22 PM | Manually integrate compound Chloroform in sample 25FEB12.D, from x, y = 5.614, 0 to 5.711, 0, result = 5508; previous integration is from x, y = 5.614, 0 to 5.658, 0 and previous response = 3703. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:04:41 PM | Manually integrate compound Benzene in sample 25FEB12.D from x, y = 6.236, 0 to 6.328, 0; result = 808 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:04:44 PM | Manually integrate qualifier77.0 of compound Benzene in sample 25FEB12.D from x, y = 6.266, 0 to 6.308, 0; result = 112 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:04:53 PM | Set UserAnnotation = LT for compound Chloroform in sample 25FEB12.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:04:57 PM | Set UserAnnotation = NI for compound Benzene in sample 25FEB12.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:05:11 PM | Manually integrate compound Toluene in sample 25FEB12.D from x, y = 8.352, 0 to 8.428, 0; result = 1798 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:05:18 PM | Manually integrate qualifier 91.0 of compound Toluene in sample 25FEB12.D, from x, y = 8.361, 0 to 8.425, 0, result = 3192; previous integration is from x, y = 8.361, 0 to 8.394, 0 and previous response = 2225. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:05:22 PM | Set UserAnnotation = NI for compound Toluene in sample 25FEB12.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:05:40 PM | Manually integrate qualifier 106.0 of compound Ethylbenzene in sample 25FEB12.D from x, y = 9.883, 0 to 9.956, 0; result = 1421 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:05:58 PM | Zero out primary peak of compound 4-Chlorotoluene in sample 25FEB12.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:06:06 PM | Set SampleApproved = True for sample 25FEB12.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:06:19 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:07:35 PM | Manually integrate compound m+p-Xylenes in sample 25FEB14.D from x, y = 9.997, 0 to 10.070, 0; result = 829 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:07:40 PM | Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 25FEB14.D from x, y = 10.014, 0 to 10.064, 0; result = 1384 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:07:55 PM | Manually integrate compound m+p-Xylenes in sample 25FEB14.D, from x, y = 9.992, 0 to 10.017, 0, result = 38; previous integration is from x, y = 9.997, 0 to 10.070, 0 and previous response = 829. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:08:05 PM | Manually integrate compound m+p-Xylenes in sample 25FEB14.D, from x, y = 10.020, 0 to 10.050, 0, result = 751; previous integration is from x, y = 9.992, 0 to 10.017, 0 and previous response = 38. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:08:19 PM | Set UserAnnotation = NI for compound m+p-Xylenes in sample 25FEB14.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:09:03 PM | Manually integrate compound Methylene chloride in sample 25FEB14.D from x, y = 3.291, 0 to 3.377, 0; result = 2564 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:09:07 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB14.D from x, y = 3.282, 0 to 3.383, 0; result = 1642 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:09:10 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB14.D from x, y = 3.291, 0 to 3.394, 0; result = 1182 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:09:12 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB14.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:09:27 PM | Manually integrate compound Chloromethane in sample 25FEB14.D from x, y = 1.381, 0 to 1.425, 0; result = 284 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:09:29 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB14.D from x, y = 1.392, 0 to 1.434, 0; result = 237 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:09:34 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB14.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:09:39 PM | Set SampleApproved = True for sample 25FEB14.D; previous value = False | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:09:57 PM | Zero out primary peak of compound Chloromethane in sample 25FEB14.D | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:10:00 PM | Set UserAnnotation = for compound Chloromethane in sample 25FEB14.D; previous value = NI | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:10:04 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB14.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:10:15 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Chloromethane for sample 25FEB14.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:10:29 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 3/1/2022 9:10:34 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:11:43 PM | Manually integrate compound Chloromethane in sample 25FEB15.D from x, y = 1.372, 0 to 1.453, 0; result = 840 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:11:46 PM | Manually integrate qualifier52.0 of compound Chloromethane in sample 25FEB15.D from x, y = 1.364, 0 to 1.428, 0; result = 184 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:11:50 PM | Set UserAnnotation = NI for compound Chloromethane in sample 25FEB15.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:12:03 PM | Manually integrate compound Methylene chloride in sample 25FEB15.D from x, y = 3.293, 0 to 3.360, 0; result = 1906 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:12:06 PM | Manually integrate qualifier 84.0 of compound Methylene chloride in sample 25FEB15.D from x, y = 3.277, 0 to 3.402, 0; result = 1498 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:12:09 PM | Manually integrate qualifier 86.0 of compound Methylene chloride in sample 25FEB15.D from x, y = 3.305, 0 to 3.405, 0; result = 757 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:12:12 PM | Set UserAnnotation = NI for compound Methylene chloride in sample 25FEB15.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:12:26 PM | Manually integrate compound Chloroform in sample 25FEB15.D from x, y = 5.622, 0 to 5.681, 0; result = 321 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:12:29 PM | Manually integrate qualifier 85.0 of compound Chloroform in sample 25FEB15.D from x, y = 5.608, 0 to 5.678, 0; result = 145 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:12:32 PM | Set UserAnnotation = NI for compound Chloroform in sample 25FEB15.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:12:45 PM | Manually integrate compound Benzene in sample 25FEB15.D from x, y = 6.238, 0 to 6.288, 0; result = 341 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:12:47 PM | Manually integrate qualifier 77.0 of compound Benzene in sample 25FEB15.D from x, y = 6.263, 0 to 6.308, 0; result = 40 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:12:54 PM | Set UserAnnotation = NI for compound Benzene in sample 25FEB15.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:13:37 PM | Manually integrate compound Chlorobenzene in sample 25FEB15.D from x, y = 9.752, 0 to 9.838, 0; result = 929 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:13:40 PM | Manually integrate qualifier 114.0 of compound Chlorobenzene in sample 25FEB15.D from x, y = 9.777, 0 to 9.836, 0; result = 426 | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:13:45 PM | Set UserAnnotation = NI for compound Chlorobenzene in sample 25FEB15.D; previous value = | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|--|--------|---------|---------|-----------|
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:13:55 PM | Manually integrate compound m+p-Xylenes in sample 25FEB15.D from x, y = 10.011, 0 to 10.053, 0; result = 754 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:13:58 PM | Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 25FEB15.D from x, y = 10.014, 0 to 10.095, 0; result = 1640 | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:14:07 PM | Manually integrate compound o-Xylene in sample 25FEB15.D from x, y = 10.416, 0 to 10.449, 0; result = 30 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:14:12 PM | Manually integrate qualifier91.0 of compound o-Xylene in sample 25FEB15.D from x, y = 10.402, 0 to 10.449, 0; result = 358 | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:14:19 PM | Zero out primary peak of compound o-Xylene in sample 25FEB15.D | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:14:24 PM | Set UserAnnotation = NI for compound m+p-Xylenes in sample 25FEB15.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:14:42 PM | Set SampleApproved = True for sample 25FEB15.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:14:55 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:15:16 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB15.D; previous value = | | | ✓ | |
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:16:17 PM | Zero out primary peak of compound Toluene in sample 25FEB16.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:16:22 PM | Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylene for sample 25FEB16.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:16:33 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Tolene for sample 25FEB16.D; previous value = Qualifier ratio did not meet method criteria for o-Xylene | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:16:46 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 25FEB16.D; previous value = Qualifier ratio did not meet method criteria for Tolene | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:17:07 PM | Manually integrate compound Chloroform in sample 25FEB16.D from x, y = 5.605, 0 to 5.697, 0; result = 200 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:17:09 PM | Manually integrate qualifier85.0 of compound Chloroform in sample 25FEB16.D from x, y = 5.602, 0 to 5.708, 0; result = 344 | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-----------------------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdZeroOutPeak | BL2000\mchavez | 3/1/2022 9:17:15 PM | Zero out primary peak of compound Chloroform in sample 25FEB16.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\mchavez | 3/1/2022 9:17:29 PM | Manually integrate compound Methylene chloride in sample 25FEB16.D, from x, y = 3.310, 0 to 3.391, 0, result = 3488; previous integration is from x, y = 3.310, 0 to 3.338, 0 and previous response = 2113. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\mchavez | 3/1/2022 9:17:33 PM | Set UserAnnotation = LT for compound Methylene chloride in sample 25FEB16.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:17:35 PM | Manually integrate qualifier84.0 of compound Methylene chloride in sample 25FEB16.D from x, y = 3.271, 0 to 3.411, 0; result = 2368 | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\mchavez | 3/1/2022 9:17:37 PM | Manually integrate qualifier86.0 of compound Methylene chloride in sample 25FEB16.D from x, y = 3.282, 0 to 3.377, 0; result = 1326 | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:17:56 PM | Set UserDefined = Qualifier ratio did not meet method criteria for Toluene, Chloroform for sample 25FEB16.D; previous value = Qualifier ratio did not meet method criteria for Toluene | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:18:22 PM | Set SampleApproved = True for sample 25FEB16.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:18:45 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:19:45 PM | Set SampleApproved = True for sample 25FEB17.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:20:32 PM | Set SampleApproved = True for sample 25FEB18.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\mchavez | 3/1/2022 9:21:32 PM | Set SampleApproved = True for sample 25FEB20.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:21:51 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:22:43 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 3/1/2022 9:22:47 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|--------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdCalibrate | BL2000\mchavez | 3/1/2022 9:23:08 PM | Replace level QC with QC sample 25FEB05.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; Replace level CC with CC sample 25FEB04.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| | | | Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:23:22 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 3/1/2022 9:23:29 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 3/1/2022 9:24:43 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG022522\QuantReports\VG022522_8260B | | | ✓ | |
| CmdCalibrate | BL2000\mchavez | 3/1/2022 9:26:01 PM | Replace level CC with CC sample 25FEB20.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | ✓ | |

Audit Trail report

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|-------------------|----------------|---------------------|---|--------|---------|---------|-----------|
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:26:16 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdCalibrate | BL2000\mchavez | 3/1/2022 9:27:06 PM | Replace level CC with CC sample 25FEB20.D for compounds {1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichlorobenzene}; | | | ✓ | |
| CmdQuantitate | BL2000\mchavez | 3/1/2022 9:27:19 PM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\mchavez | 3/1/2022 9:27:41 PM | Save batch D:\Org\Data\VOA5975C\VG022522\QuantResults\VG022522_8260B.batch.bin | | | ✓ | |
| GenerateReport | BL2000\mchavez | 3/1/2022 9:28:19 PM | Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG022522\QuantReports\VG022522_8260B-1 | | | ✓ | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0313

Standard Name: Liquids

Prep Date: 6/23/2020

Exp Date: 4/13/2023

Department: gcmsvoa

Vendor: AccuStd

Lot Number: 220041126

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match Cl. MSC 01/14/2022

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------------|--------------|-----|-------|-----------|
| Volatile Organic Compounds - Liquids | <u>12797</u> | 1 | mL | 4/13/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0313 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF0352

Spike Name: 2nd Source Liquids

Prep Date: 11/23/2020

Exp Date: 12/31/2023

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006570990

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|------------|
| VOC Standard | <u>13292</u> | 1 | mL | 12/31/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0352 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0373

Standard Name: MtBE (Methy tert-Butyl Ether)

Prep Date: 2/26/2021

Exp Date: 8/31/2022

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006555762

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|-----------|-----|-------|-----------|
| Methyl tert-Butyl Ether Standard | 13578 | 1 | mL | 8/31/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0373 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF0401

Spike Name: 2nd Source MtBE

Prep Date: 6/7/2021

Exp Date: 12/11/2029

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 220051182

Balance ID:

Comments: Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|-----------|-----|-------|------------|
| MTBE | 13920 | 1 | mL | 12/11/2029 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0401 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF0417

Spike Name: Chem Service Gases

Prep Date: 8/3/2021

Exp Date: 2/28/2022

Department: gcmsvoa

Vendor: Chemservice

Lot Number: 11882100

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|---|--------------|-----|-------|-----------|
| Volatile Organics High Concentration Mixture #6 | <u>14142</u> | 5 | mL | 2/28/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0417 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0425

Standard Name: Internals

Prep Date: 9/8/2021

Exp Date: 12/31/2022

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006582580

Balance ID:

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Type: Primary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|--------------|-------|------------|
| Internal Standard | <u>14251</u> | 1 | mL | 12/31/2022 |
| Stock Source | Base Units | Amount Added | | |
| VOCF0425 | ug/mL | | | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF0426

Spike Name: Surrogates 2.0 mg/mL

Prep Date: 9/14/2021

Exp Date: 4/18/2029

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 219041458

Balance ID:

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Type: Primary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|------------------------|--------------|-----|-------|-----------|
| Surrogate Standard Mix | <u>14269</u> | 1 | mL | 4/18/2029 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0426 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0427

Standard Name: Gases

Prep Date: 9/17/2021

Exp Date: 8/3/2024

Department: gcmsvoa

Vendor: Absolute

Lot Number: 080321

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--|--------------|-----|-------|----------|
| EPA Method 502-524 - Volatile Gases Mix #1 | <u>14285</u> | 1 | mL | 8/3/2024 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0427 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0434

Standard Name: Ketones

Prep Date: 10/26/2021

Exp Date: 6/30/2023

Department: gcmsvoa

Vendor: Chem Service

Lot Number: 10251200

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in 90:10 MeOH:H2O. Catalog # M-TCL-1AN5-5ML.

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|-----------|
| TCL Ketone Mix | <u>14443</u> | 1 | mL | 6/30/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0434 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF0440

Standard Name: 2nd Source High Concentration Ketones

Prep Date: 12/3/2021

Exp Date: 1/1/2023

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 221111486

Balance ID:

Comments: Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

Type: Primary

Prep By: Melissa Chavez

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|----------|
| TCL Ketone Mix | <u>14585</u> | 1 | mL | 1/1/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0440 | ug/mL | |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3517

Spike Name: Internal Standard / Surrogates (INT/SURR)

Type: Secondary

Prep Date: 11/10/2021

Prep By: Alethea M. Shaules

Exp Date: 12/31/2022

Status: New

Department: gcmsvoa

Vendor:

Final Volume: 100 mL

Lot Number:

Balance ID:

Comments: Final Concentration 0.05 ug/uL in MeOH.

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|------|-------|------------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 95.5 | mL | 12/31/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0425 | ug/mL | 2 mL |
| VOCF0426 | ug/mL | 2.5 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3529B

Spike Name: 2nd Source MtBE

Prep Date: 11/29/2021

Exp Date: 1/29/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2 ug/uL

Type: Secondary

Prep By: Alethea M. Shaules

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 9 | mL | 1/29/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0401 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF3546B

Standard Name: Liquids

Prep Date: 12/13/2021

Exp Date: 2/13/2022

Department: GCMSVOA

Vendor:

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Type: Secondary

Prep By: Alethea M. Shaules

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EA899 | <u>13926</u> | 9 | mL | 2/13/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0313 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3558B

Spike Name: 2nd Source Liquids

Prep Date: 12/27/2021

Exp Date: 2/27/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2ug/uL.

Type: Secondary

Prep By: Steve Dilts

Status: Open

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 9 | mL | 2/27/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0352 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF3559A

Standard Name: MtBE

Prep Date: 12/27/2021

Exp Date: 1/27/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2 ug/uL.

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 9 | mL | 1/27/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0373 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOFC3563

Standard Name: Internals

Prep Date: 1/3/2022

Exp Date: 7/3/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.05 ug/uL.

Type: Secondary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 50 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 49 | mL | 7/3/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0425 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3567A

Spike Name: 2nd Source Ketones

Prep Date: 1/12/2022

Exp Date: 2/12/2022

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 221111486

Balance ID:

Comments: 2.0 ug/uL in 90:10 MeOH:H2O

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 9 | mL | 2/12/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0440 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOFC3569

Standard Name: Ketones

Prep Date: 1/17/2022

Exp Date: 2/17/2022

Department: gcmsvoa

Vendor: Chem Service

Lot Number: 10251200

Balance ID:

Comments: Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

Type: Primary

Prep By: Melissa Chavez

Status: Open

Final Volume: 1 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|-----------|
| TCL Ketone Mix | <u>14443</u> | 1 | mL | 2/17/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0434 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOFC3570A

Standard Name: Gases

Prep Date: 1/18/2022

Exp Date: 1/25/2022

Department: GCMSVOA

Vendor:

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 9 | mL | 1/25/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0427 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3571A

Spike Name: 2nd Source Gases

Prep Date: 1/19/2022

Exp Date: 1/26/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 9 | mL | 1/26/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0417 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOFC3573

Standard Name: Calibration Surrogates

Prep Date: 1/19/2022

Exp Date: 7/19/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2 ug/uL in MeOH

Type: Secondary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB679 | <u>14746</u> | 4.5 | mL | 7/19/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0426 | ug/mL | 0.5 mL |

CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: Refer to SDS for complete safety information

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % (GC/MS) | Prepared Concentration* (µg/mL) | Certified Analyte Concentration¹ (µg/mL) |
|------------------------------|------------|---------------------|---------------------------------------|--|
| Benzene | 71-43-2 | 100.0 | 2002 | 2002 |
| Bromobenzene | 108-86-1 | 100.0 | 2003 | 2003 |
| Bromochloromethane | 74-97-5 | 99.1 | 2001 | 1983 |
| Bromodichloromethane | 75-27-4 | 99.0 | 2002 | 1982 |
| Bromoform | 75-25-2 | 99.2 | 2001 | 1985 |
| n-Butylbenzene | 104-51-8 | 100.0 | 2002 | 2002 |
| sec-Butylbenzene | 135-98-8 | 100.0 | 2001 | 2001 |
| tert-Butylbenzene | 98-06-6 | 99.0 | 2003 | 1983 |
| Carbon tetrachloride | 56-23-5 | 100.0 | 2003 | 2003 |
| Chlorobenzene | 108-90-7 | 99.6 | 2001 | 1993 |
| Chloroform | 67-66-3 | 99.2 | 2004 | 1988 |
| 2-Chlorotoluene | 95-49-8 | 99.0 | 2003 | 1983 |
| 4-Chlorotoluene | 106-43-4 | 99.8 | 2002 | 1998 |
| Dibromochloromethane | 124-48-1 | 97.8 | 2049* | 2004 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 99.2 | 2001 | 1985 |
| 1,2-Dibromoethane | 106-93-4 | 100.0 | 2006 | 2006 |
| Dibromomethane | 74-95-3 | 99.0 | 2002 | 1982 |
| 1,2-Dichlorobenzene | 95-50-1 | 98.2 | 2003 | 1967 |
| 1,3-Dichlorobenzene | 541-73-1 | 100.0 | 2000 | 2000 |
| 1,4-Dichlorobenzene | 106-46-7 | 100.0 | 2002 | 2002 |
| 1,1-Dichloroethane | 75-34-3 | 98.6 | 2001 | 1973 |
| 1,2-Dichloroethane | 107-06-2 | 99.8 | 2010 | 2006 |
| 1,1-Dichloroethene | 75-35-4 | 99.0 | 2000 | 1980 |
| cis-1,2-Dichloroethene | 156-59-2 | 99.0 | 2002 | 1982 |
| trans-1,2-Dichloroethene | 156-60-5 | 99.5 | 2001 | 1991 |
| 1,2-Dichloropropane | 78-87-5 | 99.5 | 2003 | 1993 |
| 1,3-Dichloropropane | 142-28-9 | 96.7 | 2073* | 2005 |
| 2,2-Dichloropropane | 594-20-7 | 99.9 | 2012 | 2010 |
| 1,1-Dichloropropene | 563-58-6 | 98.9 | 2001 | 1979 |
| cis-1,3-Dichloropropene ** | 10061-01-5 | 93.9 | 2041* | 1916 |
| trans-1,3-Dichloropropene ** | 10061-02-6 | 93.9 | 1968* | 1848 |
| Ethylbenzene | 100-41-4 | 99.7 | 2000 | 1994 |
| Hexachlorobutadiene | 87-68-3 | 98.0 | 2003 | 1963 |
| Isopropylbenzene | 98-82-8 | 100.0 | 2002 | 2002 |
| p-Isopropyltoluene | 99-87-6 | 99.4 | 2000 | 1988 |
| Methylene chloride | 75-09-2 | 99.9 | 2001 | 1999 |
| Naphthalene | 91-20-3 | 100.0 | 2002 | 2002 |
| n-Propylbenzene | 103-65-1 | 100.0 | 2001 | 2001 |
| Styrene | 100-42-5 | 100.0 | 2003 | 2003 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 98.9 | 2005 | 1983 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 96.0 | 2087* | 2004 |
| Tetrachloroethene | 127-18-4 | 99.4 | 2017 | 2005 |
| Toluene | 108-88-3 | 100.0 | 2001 | 2001 |
| 1,2,3-Trichlorobenzene | 87-61-6 | 100.0 | 2002 | 2002 |

CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

| Component - <i>continued</i> | CAS # | Purity % | Prepared Concentration ² | Certified Analyte Concentration ¹ |
|------------------------------|----------|----------|-------------------------------------|--|
| | | (GC/MS) | (µg/mL) | (µg/mL) |
| 1,2,4-Trichlorobenzene | 120-82-1 | 99.6 | 2001 | 1993 |
| 1,1,1-Trichloroethane | 71-55-6 | 100.0 | 2002 | 2002 |
| 1,1,2-Trichloroethane | 79-00-5 | 98.6 | 2000 | 1972 |
| Trichloroethene | 79-01-6 | 100.0 | 2003 | 2003 |
| 1,2,3-Trichloropropane | 96-18-4 | 97.5 | 2055* | 2004 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 98.2 | 2001 | 1965 |
| 1,3,5-Trimethylbenzene | 108-67-8 | 98.8 | 2001 | 1977 |
| o-Xylene | 95-47-6 | 99.0 | 2000 | 1980 |
| m-Xylene | 108-38-3 | 99.2 | 2002 | 1986 |
| p-Xylene | 106-42-3 | 95.4 | 2097* | 2001 |

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Certified By: 

Larry Decker, Organic QC Manager

ID #: 12797

Opened: _____

Volatile Organic Compounds - Liquids

Expires: 4/13/2023

Rec'd: 6/23/2020

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|---------------------------|-------------|-------------|-----------------------------|
| bromochloromethane | 000074-97-5 | RM00009 | 2010 ± 10 µg/mL |
| bromodichloromethane | 000075-27-4 | RM12585 | 2009 ± 10 µg/mL |
| bromoform | 000075-25-2 | RM13987 | 2010 ± 10 µg/mL |
| carbon tetrachloride | 000056-23-5 | RM07576 | 2010 ± 10 µg/mL |
| chloroform | 000067-66-3 | RM13988 | 2009 ± 10 µg/mL |
| dibromochloromethane | 000124-48-1 | RM14843 | 2009 ± 10 µg/mL |
| dibromomethane | 000074-95-3 | RM12878 | 2009 ± 10 µg/mL |
| methylene chloride | 000075-09-2 | RM11650 | 2009 ± 10 µg/mL |
| 1,2-dibromoethane | 000106-93-4 | RM00018 | 2010 ± 10 µg/mL |
| 1,1-dichloroethane | 000075-34-3 | RM16217 | 2006 ± 10 µg/mL |
| 1,2-dichloroethane | 000107-06-2 | RM04655 | 2005 ± 10 µg/mL |
| 1,1-dichloroethene | 000075-35-4 | RM14486 | 2010 ± 10 µg/mL |
| cis-1,2-dichloroethene | 000156-59-2 | RM15008 | 2007 ± 10 µg/mL |
| trans-1,2-dichloroethene | 000156-60-5 | RM07565 | 2008 ± 10 µg/mL |
| 1,1,1,2-tetrachloroethane | 000630-20-6 | RM12632 | 2005 ± 10 µg/mL |
| 1,1,2,2-tetrachloroethane | 000079-34-5 | RM02540 | 2009 ± 10 µg/mL |
| tetrachloroethene | 000127-18-4 | RM06491 | 2008 ± 10 µg/mL |

Certificate of Analysis

| | | | |
|-----------------------------|-------------|--------------------|-----------------|
| Product Number: | DWM-589N-1 | Lot Number: | 0006570990 |
| 1,1,1-trichloroethane | 000071-55-6 | RM16539 | 2004 ± 10 µg/mL |
| 1,1,2-trichloroethane | 000079-00-5 | RM01175 | 2009 ± 10 µg/mL |
| trichloroethene | 000079-01-6 | RM14232 | 2009 ± 10 µg/mL |
| 1,2-dibromo-3-chloropropane | 000096-12-8 | RM13666 | 2009 ± 10 µg/mL |
| 1,2-dichloropropane | 000078-87-5 | RM12821 | 2008 ± 10 µg/mL |
| 1,3-dichloropropane | 000142-28-9 | RM02080 | 2008 ± 10 µg/mL |
| 2,2-dichloropropane | 000594-20-7 | RM12927 | 2005 ± 10 µg/mL |
| 1,1-dichloropropene | 000563-58-6 | RM16190 | 2010 ± 10 µg/mL |
| cis-1,3-dichloropropene | 010061-01-5 | RM12891 | 2007 ± 10 µg/mL |
| trans-1,3-dichloropropene | 010061-02-6 | RM12254 | 2006 ± 10 µg/mL |
| hexachlorobutadiene | 000087-68-3 | RM09157 | 2005 ± 10 µg/mL |
| 1,2,3-trichloropropane | 000096-18-4 | RM13082 | 2004 ± 10 µg/mL |
| benzene | 000071-43-2 | RM12931 | 2009 ± 10 µg/mL |
| n-butylbenzene | 000104-51-8 | RM03651 | 2008 ± 10 µg/mL |
| sec-butylbenzene | 000135-98-8 | RM10905 | 2005 ± 10 µg/mL |
| tert-butylbenzene | 000098-06-6 | RM14040 | 2007 ± 10 µg/mL |
| ethylbenzene | 000100-41-4 | RM12195 | 2006 ± 10 µg/mL |
| isopropylbenzene | 000098-82-8 | RM00835 | 2009 ± 10 µg/mL |
| 4-isopropyltoluene | 000099-87-6 | RM09747 | 2009 ± 10 µg/mL |
| naphthalene | 000091-20-3 | NT00970 | 2006 ± 10 µg/mL |
| n-propylbenzene | 000103-65-1 | RM12785 | 2010 ± 10 µg/mL |
| styrene | 000100-42-5 | RM13393 | 2010 ± 10 µg/mL |



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 4

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

| | | | |
|------------------------|-------------|---------|-----------------|
| toluene | 000108-88-3 | RM06650 | 2008 ± 10 µg/mL |
| 1,2,4-trimethylbenzene | 000095-63-6 | RM06731 | 2002 ± 10 µg/mL |
| 1,3,5-trimethylbenzene | 000108-67-8 | RM12905 | 2009 ± 10 µg/mL |
| o-xylene | 000095-47-6 | RM15639 | 2005 ± 10 µg/mL |
| m-xylene | 000108-38-3 | RM15919 | 2006 ± 10 µg/mL |
| p-xylene | 000106-42-3 | RM02647 | 2009 ± 10 µg/mL |
| bromobenzene | 000108-86-1 | RM10227 | 2008 ± 10 µg/mL |
| chlorobenzene | 000108-90-7 | RM01874 | 2008 ± 10 µg/mL |
| 2-chlorotoluene | 000095-49-8 | RM13774 | 2007 ± 10 µg/mL |
| 4-chlorotoluene | 000106-43-4 | RM11750 | 2009 ± 10 µg/mL |
| 1,2-dichlorobenzene | 000095-50-1 | RM13636 | 2005 ± 10 µg/mL |
| 1,3-dichlorobenzene | 000541-73-1 | NT00356 | 2009 ± 10 µg/mL |
| 1,4-dichlorobenzene | 000106-46-7 | RM12826 | 2009 ± 10 µg/mL |
| 1,2,3-trichlorobenzene | 000087-61-6 | RM10193 | 2007 ± 10 µg/mL |
| 1,2,4-trichlorobenzene | 000120-82-1 | RM09454 | 2009 ± 10 µg/mL |

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 3 of 4

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:



Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 4 of 4

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Name: Methyl tert-Butyl Ether Standard**Product Number:** STS-440-1**Lot Number:** 0006555762**Lot Issue Date:** 19-Aug-2020**Expiration Date:** 31-Aug-2022**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system, and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte**CAS#****Analyte Lot****Concentration ± Uncertainty**

tert-butylmethyl ether

001634-04-4

RM06568

2006 ± 10 µg/mL

Matrix: methanol (methyl alcohol)**Storage Conditions:** Store Frozen (-25° to -10°C).**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1ISO 17025 Cert
No. AT-1937

CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X

Description: MtBE

Lot: 220051182

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: May 18, 2020

Expiration: May 18, 2030

Sample Size: 1 mL

Components: 1

Storage Condition: Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % (GC/MS) | Prepared Concentration ² (µg/mL) | Certified Analyte Concentration ¹ (µg/mL) |
|-----------|-----------|---------------------|---|--|
| MtBE | 1634-04-4 | 100.0 | 2002 | 2002 |

ID #: 13920

Opened: _____

MTBE

Expires: 5/18/2030

Rec'd: 6/7/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager

CERTIFICATE OF ANALYSIS

Volatile Organics High Concentration Mixture #6

CONCENTRATION 2000ug/ml in Methanol
CATALOG NUMBER M-VOHC6M5-1ML
LOT NUMBER 11882100
DATE CERTIFIED 05/25/21
EXPIRATION DATE 02/28/22
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.
ISO 17034:2016 CERTIFIED []

ID #: 14142

Opened:

Volatile Organics High Concentration Mixture

Expires: 2/28/2022

Rec'd: 8/3/2021

Energx Laboratories Inc 1120 So. 27th Street
Billings MT 59107

| ID | Analyte | CAS | Weight Analyte (mg) | Lot | Purity | Certified Concentration (ug/mL) |
|---------|-------------------------|---------|---------------------|----------|--------|---------------------------------|
| N-11446 | Chloroethane | 75-00-3 | 96.300 | 00001728 | 100.0 | 2006.3 |
| N-11665 | Dichlorodifluoromethane | 75-71-8 | 96.610 | 00001729 | 100.0 | 2012.7 |
| N-12417 | Methyl bromide | 74-83-9 | 96.910 | 00024694 | 100.0 | 2019.0 |
| N-12421 | Methyl chloride | 74-87-3 | 96.150 | 00001731 | 100.0 | 2003.1 |
| N-13655 | Trichlorofluoromethane | 75-69-4 | 96.300 | 00027239 | 99.4 | 1994.2 |
| N-13748 | Vinyl chloride | 75-01-4 | 96.150 | 00019298 | 100.0 | 2003.1 |

Analytical Test

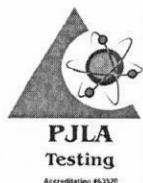
Value

CONCENTRATION (GC/MSD)

VERIFIED

COA Form
Revision 3 (3/2015)

Print Date: 07/28/21



CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

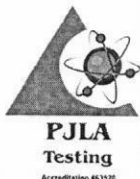
Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

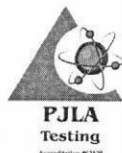
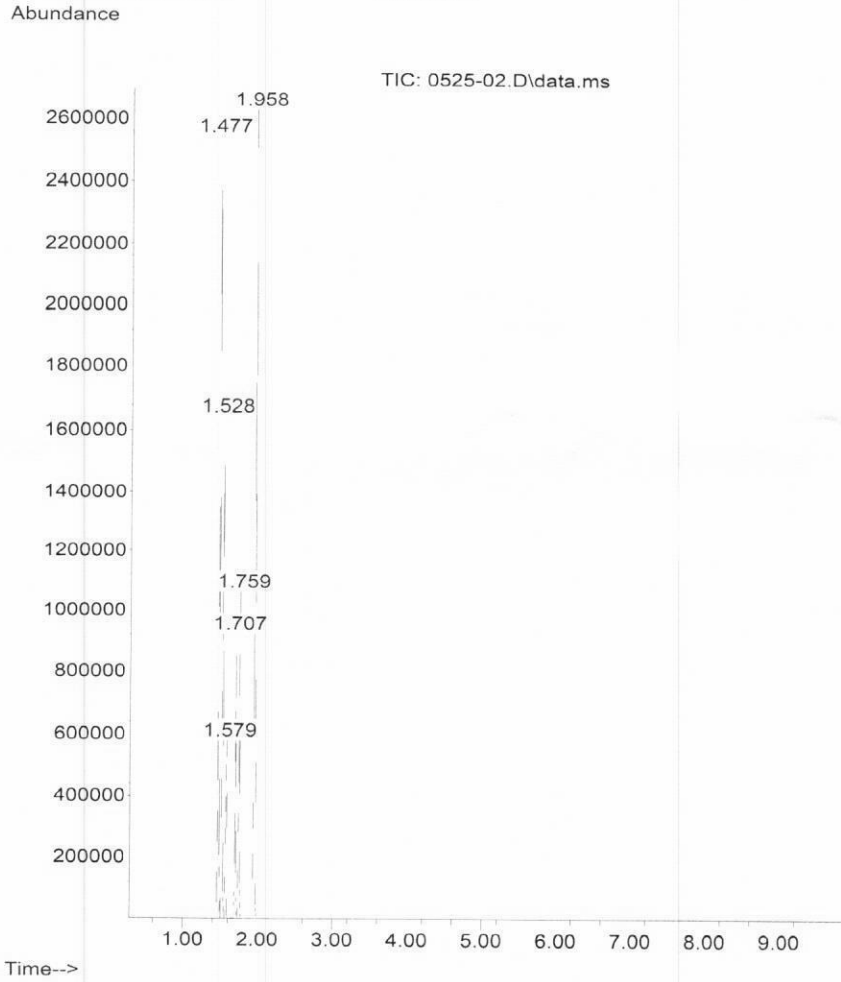
Mary Beth O'Donnell
CSM/TC



CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number: M-VOHC6M5-1ML
Description: Volatile Organics High Concentration Mixture #6
Lot Number: 11882100
Expiration Date: 02/28/22





Certificate of Analysis

ID #: 14251

Opened: _____

Internal Standard

Expires: 12/31/2022

Rec'd: 9/8/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Product Name: Internal Standard

Product Number: STM-520-1

Lot Issue Date: 05-Jan-2021

Lot Number: 0006582580

Expiration Date: 31-Dec-2022

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|------------------------|-------------|-------------|-----------------------------|
| chlorobenzene-d5 | 003114-55-4 | RM12274 | 2501 ± 13 µg/mL |
| 1,4-dichlorobenzene-d4 | 003855-82-1 | RM12517 | 2501 ± 13 µg/mL |
| fluorobenzene | 000462-06-6 | RM13378 | 2512 ± 13 µg/mL |

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025 and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.



ISO 17034
REFERENCE MATERIAL
PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 1 of 2

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: STM-520-1

Lot Number: 0006582580

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 2

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: Apr 18, 2019

Expiration: Apr 18, 2029

Sample Size: 1 mL

Components: 4

Storage Condition: Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % (GC/MS) | Prepared Concentration ² (µg/mL) | Certified Analyte Concentration ¹ (µg/mL) |
|-----------------------|------------|---------------------|---|--|
| p-Bromofluorobenzene | 460-00-4 | 99.9 | 2004 | 2002 |
| Dibromofluoromethane | 1868-53-7 | 99.8 | 2005 | 2001 |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 100.0 | 2001 | 2001 |
| Toluene-d8 | 2037-26-5 | 100.0 | 2000 | 2000 |

ID #: 14269

Opened: _____

Surrogate Standard Mix

Expires: 4/18/2029

Rec'd: 9/14/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

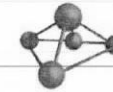
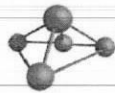
The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager



CERTIFIED WEIGHT REPORT

Part Number: 30058
Lot Number: 080321
Description: EPA Method 502/524 - Volatile Gases Mix #1

Expiration Date: 080324
Recommended Storage: Freezer (0 °C)

Solvent: Methanol
Lot#: EA783-US

Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 500.0
0.058 Balance Uncertainty
0.058 Flask Uncertainty

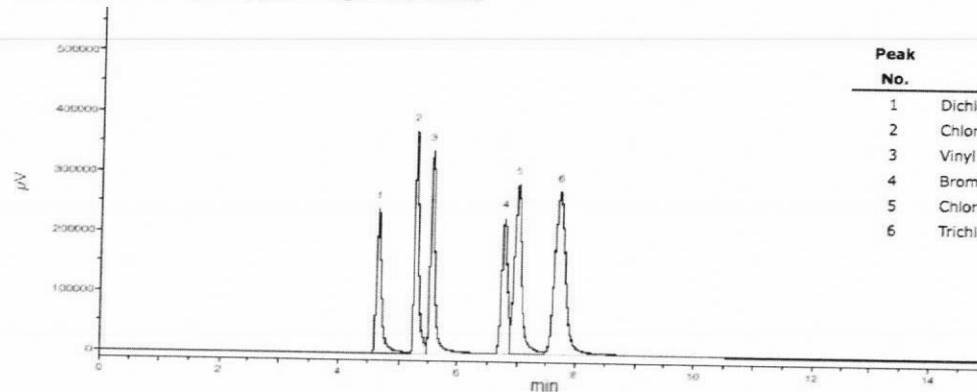
| | | |
|----------------|-----------------|--------|
| | | 080321 |
| Formulated By: | Mario Luis | DATE |
| | | 080321 |
| Reviewed By: | Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) | | |
|----------------------------|-----|------------|----------------------|------------|------------------------|-------------------|-------------------|--------------------|------------------------------------|--|---------------------------|-------------------|
| | | | | | | | | | | CAS# | OSHA PEL (TWA) | LD50 |
| 1. Bromomethane | 50 | 01611JX | 2000 | 99.5 | 0.2 | 1.00508 | 1.0098 | 2009.4 | 8.1 | 74-83-9 | 5 ppm (20mg/m3/8H) (skin) | ori-rat 214mg/kg |
| 2. Chloroethane | 72 | 062617 | 2000 | 99 | 0.2 | 1.01016 | 1.0146 | 2008.8 | 8.1 | 75-00-3 | 1000 ppm (2600mg/m3/8H) | N/A |
| 3. Chloromethane | 79 | 06908MS | 2000 | 99.5 | 0.2 | 1.00508 | 1.0154 | 2020.5 | 8.1 | 74-87-3 | 100 ppm | ori-rat 1800mg/kg |
| 4. Dichlorodifluoromethane | 134 | 92-0487 | 2000 | 99 | 0.2 | 1.01016 | 1.0224 | 2024.2 | 8.2 | 75-71-8 | 1000 ppm (4950mg/m3/8H) | N/A |
| 5. Trichlorofluoromethane | 294 | 01823MW | 2000 | 99 | 0.2 | 1.01016 | 1.0110 | 2001.7 | 8.1 | 75-69-4 | 1000 ppm (5600mg/m3/8H) | ipr-mus 1743mg/kg |
| 6. Vinyl chloride | 305 | 04854EA | 2000 | 99.5 | 0.2 | 1.00508 | 1.0071 | 2004.0 | 8.1 | 75-01-4 | N/A | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC15-M9 Analysis by Melissa Stonier
Column ID SPB-Vocool 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=150mL/min., Helium (carrier)=10mL/min., Helium(make-up)=40mL/min., Hydrogen(make-up)=100mL/min.
Oven Profile: Temp. 1=35°C (Time 1=9 min.), Temp 2=200°C (Time 2=1 min.), Rate = 33°C/min., Total run time=15 min. Injector temp.=200°C, FID Temp.=200°C.
ELCD Signal = Edaq Channel 1 PID Signal = Edaq Channel 2
Standard injection = 0.5µL, Range=3 Purge Valve = 0 min.



| Peak No. | Analyte | ELCD RT (min.) |
|----------|-------------------------|----------------|
| 1 | Dichlorodifluoromethane | 4.67 |
| 2 | Chloromethane | 5.28 |
| 3 | Vinyl chloride | 5.56 |
| 4 | Bromomethane | 6.75 |
| 5 | Chloroethane | 6.99 |
| 6 | Trichlorofluoromethane | 7.72 |

ID #: 14285

Opened: _____
EPA Method 502-524 - Volatile Gases Mix #1
Expires: 8/3/2024
Rec'd: 9/17/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

ID #: 14443

Opened: _____

TCL Ketone Mix

Expires: 6/30/2023

Rec'd: 10/26/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

CERTIFICATE OF ANALYSIS

TCL Ketones Mixture

CONCENTRATION 2000ug/ml in Methanol:Water (90:10)
CATALOG NUMBER M-TCL1AN5-1ML
LOT NUMBER 10251200
DATE CERTIFIED 06/16/20
EXPIRATION DATE 06/30/23
STORAGE Freezer storage (-20 - -25 °C)
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.
ISO 17034:2016 CERTIFIED []

| ID | Analyte | CAS | Weight Analyte (mg) | Lot | Purity | Certified Concentration (ug/mL) |
|---------|----------------------|----------|---------------------|----------|--------|---------------------------------|
| N-11014 | Acetone | 67-64-1 | 203.300 | 00026182 | 98.7 | 2006.6 |
| N-10297 | 2-Butanone | 78-93-3 | 202.800 | 00027454 | 99.5 | 2017.9 |
| N-10369 | 2-Hexanone | 591-78-6 | 202.600 | 00025720 | 99.5 | 2015.9 |
| N-10844 | 4-Methyl-2-pentanone | 108-10-1 | 204.700 | 6403300 | 99.5 | 2036.8 |

| Analytical Test | Value |
|------------------------|----------|
| CONCENTRATION (GC/FID) | VERIFIED |

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form
Revision 3 (3/2015)

Print Date: 10/22/21

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

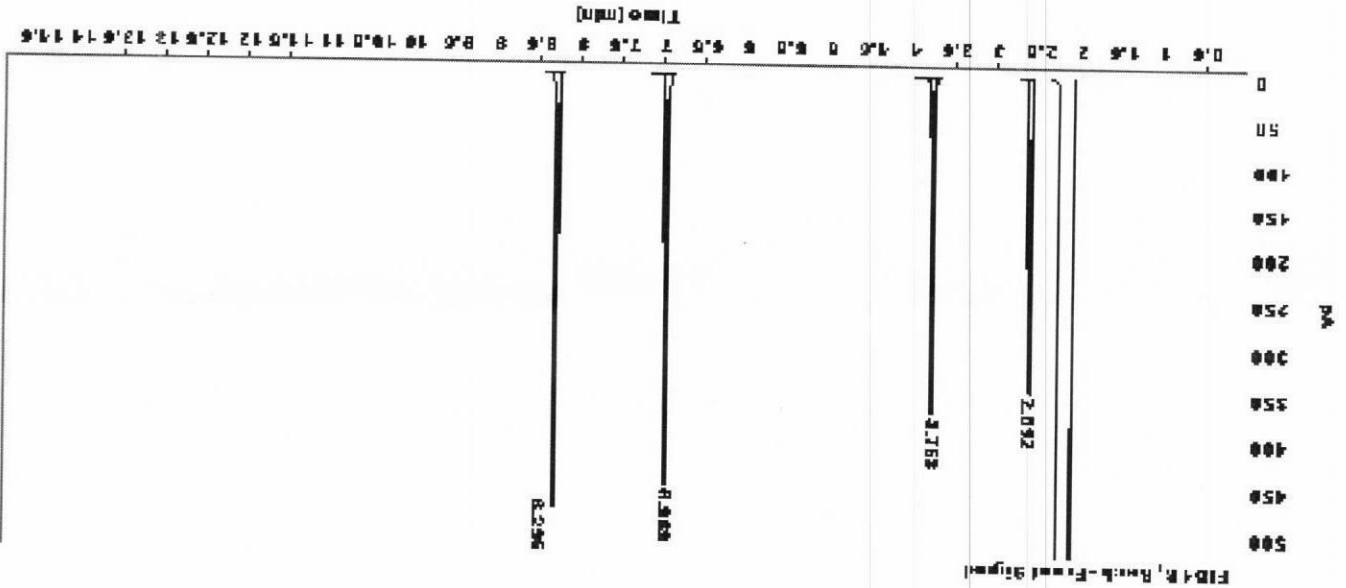


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info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM321\DATA\2020 DATA\0620M-TCL1AN5.D
Sample name: M-TCL1AN5
Acq. method: N-14278.M
Instrument: GC3
Injection date: 6/16/2020 2:52:35 PM
Column name: RTX-5MS (30m x 0.25mm x 0.5µm)
Location: 202
Injection Vol: 1.000
Of Injections: 1



Signal: FID1 B, Back - Front Signal

| RT [min] | Type | Width [min] | Area | Height | Area% |
|-----------|------|-------------|----------|----------|---------|
| 2.592 | BB | 0.0277 | 580.2505 | 343.4986 | 18.4855 |
| 3.763 | BB | 0.0323 | 735.4804 | 387.8491 | 23.4054 |
| 6.969 | BB | 0.0326 | 904.3389 | 447.8770 | 28.7791 |
| 8.295 | BB | 0.0307 | 822.2798 | 474.3798 | 29.3500 |
| Sum | | | | | |
| 3142.3497 | | | | | |

Chem Service, Inc is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-100X
Description: TCL Ketone Mix
Lot: 221111486

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: Dec 1, 2021
Expiration: Jan 1, 2023
Sample Size: 1 mL
Components: 4
Storage Condition: Freeze (<-10 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % | Prepared Concentration ² | Certified Analyte Concentration ¹ |
|----------------------|----------|----------|-------------------------------------|--|
| | | (GC/MS) | (mg/mL) | (mg/mL) |
| Acetone | 67-64-1 | 100.0 | 20.01 | 20.01 |
| Methyl ethyl ketone | 78-93-3 | 100.0 | 20.01 | 20.01 |
| 2-Hexanone | 591-78-6 | 98.7 | 20.01 | 19.75 |
| 4-Methyl-2-pentanone | 108-10-1 | 100.0 | 20.01 | 20.01 |

ID #: 14585

Opened: _____

TCL Ketone Mix

Expires: 1/1/2023

Rec'd: 12/3/2021

Energv Laboratories Inc 1120 So. 27th Street
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0313

Standard Name: Liquids

Prep Date: 6/23/2020

Exp Date: 4/13/2023

Department: gcmsvoa

Vendor: AccuStd

Lot Number: 220041126

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match Cl. MSC 01/14/2022

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------------|--------------|-----|-------|-----------|
| Volatile Organic Compounds - Liquids | <u>12797</u> | 1 | mL | 4/13/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0313 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF0352

Spike Name: 2nd Source Liquids

Prep Date: 11/23/2020

Exp Date: 12/31/2023

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006570990

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|------------|
| VOC Standard | <u>13292</u> | 1 | mL | 12/31/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0352 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0373

Standard Name: MtBE (Methy tert-Butyl Ether)

Prep Date: 2/26/2021

Exp Date: 8/31/2022

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006555762

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|-----------|-----|-------|-----------|
| Methyl tert-Butyl Ether Standard | 13578 | 1 | mL | 8/31/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0373 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF0401

Spike Name: 2nd Source MtBE

Prep Date: 6/7/2021

Exp Date: 12/11/2029

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 220051182

Balance ID:

Comments: Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|-----------|-----|-------|------------|
| MTBE | 13920 | 1 | mL | 12/11/2029 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0401 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0425

Standard Name: Internals

Prep Date: 9/8/2021

Exp Date: 12/31/2022

Department: gcmsvoa

Vendor: Agilent

Lot Number: 0006582580

Balance ID:

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Type: Primary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|------------|
| Internal Standard | <u>14251</u> | 1 | mL | 12/31/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0425 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF0426

Spike Name: Surrogates 2.0 mg/mL

Prep Date: 9/14/2021

Exp Date: 4/18/2029

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 219041458

Balance ID:

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Type: Primary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|------------------------|--------------|-----|-------|-----------|
| Surrogate Standard Mix | <u>14269</u> | 1 | mL | 4/18/2029 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0426 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0427

Standard Name: Gases

Prep Date: 9/17/2021

Exp Date: 8/3/2024

Department: gcmsvoa

Vendor: Absolute

Lot Number: 080321

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

Type: Primary

Prep By: Alethea M. Shaules

Status: New

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--|--------------|-----|-------|----------|
| EPA Method 502-524 - Volatile Gases Mix #1 | <u>14285</u> | 1 | mL | 8/3/2024 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0427 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0434

Standard Name: Ketones

Prep Date: 10/26/2021

Exp Date: 6/30/2023

Department: gcmsvoa

Vendor: Chem Service

Lot Number: 10251200

Balance ID:

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in 90:10 MeOH:H2O. Catalog # M-TCL-1AN5-5ML.

Type: Primary

Prep By: Steve Dilts

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|-----------|
| TCL Ketone Mix | <u>14443</u> | 1 | mL | 6/30/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0434 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF0440

Standard Name: 2nd Source High Concentration Ketones

Prep Date: 12/3/2021

Exp Date: 1/1/2023

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 221111486

Balance ID:

Comments: Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

Type: Primary

Prep By: Melissa Chavez

Status: New

Final Volume: 5 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|----------|
| TCL Ketone Mix | <u>14585</u> | 1 | mL | 1/1/2023 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0440 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF0451

Spike Name: Chem Service Gases

Prep Date: 1/18/2022

Exp Date: 6/30/2022

Department: gcmsvoa

Vendor: Chemservice

Lot Number: 12380600

Balance ID:

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

Type: Primary

Prep By: Melissa Chavez

Status: New

Final Volume: 1 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|---|--------------|-----|-------|-----------|
| Volatile Organics High Concentration Mixture #6 | <u>14783</u> | 1 | mL | 6/30/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0451 | ug/mL | |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF3559B

Standard Name: MtBE

Prep Date: 12/27/2021

Exp Date: 2/27/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2 ug/uL.

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 9 | mL | 2/27/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0373 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF3567B

Spike Name: 2nd Source Ketones

Prep Date: 1/12/2022

Exp Date: 3/12/2022

Department: gcmsvoa

Vendor: AccuStandard

Lot Number: 221111486

Balance ID:

Comments: 2.0 ug/uL in 90:10 MeOH:H2O

Type: Secondary

Prep By: Melissa Chavez

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 9 | mL | 3/12/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0440 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF3579A

Spike Name: 2nd Source Liquids

Type: Secondary

Prep Date: 1/28/2022

Prep By: Steve Dilts

Exp Date: 2/28/2022

Status:

Department: gcmsvoa

Final Volume: 10 mL

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2ug/uL.

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-------------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap - EB199-US | <u>14334</u> | 9 | mL | 2/28/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0352 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF3582A

Spike Name: 2nd Source MtBE

Prep Date: 1/31/2022

Exp Date: 3/1/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.2 ug/uL

Type: Secondary

Prep By: Alethea M. Shaules

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|--------------|-----|-------|----------|
| Methanol, Purge and Trap - EB679 | <u>14746</u> | 9 | mL | 3/1/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0401 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF3590

Spike Name: Internal Standard / Surrogates (INT/SURR)

Prep Date: 2/3/2022

Exp Date: 8/3/2022

Department: gcmsvoa

Vendor:

Lot Number:

Balance ID:

Comments: Final Concentration 0.05 ug/uL in MeOH.

Type: Secondary

Prep By: Jerran D. Brenden

Status: New

Final Volume: 50 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-------|-------|----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 47.75 | mL | 8/3/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0425 | ug/mL | 1 mL |
| VOCF0426 | ug/mL | 1.25 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF3599A

Standard Name: Liquids

Prep Date: 2/14/2022

Exp Date: 3/14/2022

Department: GCMSVOA

Vendor:

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

Type: Secondary

Prep By: Alethea M. Shaules

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|-----------|-----|-------|-----------|
| Methanol, Purge and Trap - EB679 | 14746 | 9 | mL | 3/14/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0313 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOCF3601B

Standard Name: Gases

Prep Date: 2/17/2022

Exp Date: 3/3/2022

Department: GCMSVOA

Vendor:

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

Type: Secondary

Prep By: Steve Dilts

Status:

Final Volume: 10 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|----------------------------------|-----------|-----|-------|----------|
| Methanol, Purge and Trap - EB679 | 14746 | 9 | mL | 3/3/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0427 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Spike ID: VOCF3603A

Spike Name: 2nd Source Gases

Type: Secondary

Prep Date: 2/18/2022

Prep By: Steve Dilts

Exp Date: 2/25/2022

Status:

Department: gcmsvoa

Vendor:

Final Volume: 10 mL

Lot Number:

Balance ID:

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|--------------------------------|--------------|-----|-------|-----------|
| Methanol, Purge and Trap EB373 | <u>14519</u> | 9 | mL | 2/25/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0451 | ug/mL | 1 mL |



Analytical RunID VOA5975C.I_220225A Standards Traceability Report

Standard ID: VOFC3606

Standard Name: Ketones

Prep Date: 2/25/2022

Exp Date: 3/25/2022

Department: gcmsvoa

Vendor: Chem Service

Lot Number: 10251200

Balance ID:

Comments: Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

Type: Primary

Prep By: Melissa Chavez

Status: New

Final Volume: 1 mL

| Chemical/Solvent Used | Bottle No | Amt | Units | Expires |
|-----------------------|--------------|-----|-------|-----------|
| TCL Ketone Mix | <u>14443</u> | 1 | mL | 3/25/2022 |

| Stock Source | Base Units | Amount Added |
|--------------|------------|--------------|
| VOCF0434 | ug/mL | 1 mL |

CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: Refer to SDS for complete safety information

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % (GC/MS) | Prepared Concentration* (µg/mL) | Certified Analyte Concentration* (µg/mL) |
|------------------------------|------------|---------------------|------------------------------------|---|
| Benzene | 71-43-2 | 100.0 | 2002 | 2002 |
| Bromobenzene | 108-86-1 | 100.0 | 2003 | 2003 |
| Bromochloromethane | 74-97-5 | 99.1 | 2001 | 1983 |
| Bromodichloromethane | 75-27-4 | 99.0 | 2002 | 1982 |
| Bromoform | 75-25-2 | 99.2 | 2001 | 1985 |
| n-Butylbenzene | 104-51-8 | 100.0 | 2002 | 2002 |
| sec-Butylbenzene | 135-98-8 | 100.0 | 2001 | 2001 |
| tert-Butylbenzene | 98-06-6 | 99.0 | 2003 | 1983 |
| Carbon tetrachloride | 56-23-5 | 100.0 | 2003 | 2003 |
| Chlorobenzene | 108-90-7 | 99.6 | 2001 | 1993 |
| Chloroform | 67-66-3 | 99.2 | 2004 | 1988 |
| 2-Chlorotoluene | 95-49-8 | 99.0 | 2003 | 1983 |
| 4-Chlorotoluene | 106-43-4 | 99.8 | 2002 | 1998 |
| Dibromochloromethane | 124-48-1 | 97.8 | 2049* | 2004 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 99.2 | 2001 | 1985 |
| 1,2-Dibromoethane | 106-93-4 | 100.0 | 2006 | 2006 |
| Dibromomethane | 74-95-3 | 99.0 | 2002 | 1982 |
| 1,2-Dichlorobenzene | 95-50-1 | 98.2 | 2003 | 1967 |
| 1,3-Dichlorobenzene | 541-73-1 | 100.0 | 2000 | 2000 |
| 1,4-Dichlorobenzene | 106-46-7 | 100.0 | 2002 | 2002 |
| 1,1-Dichloroethane | 75-34-3 | 98.6 | 2001 | 1973 |
| 1,2-Dichloroethane | 107-06-2 | 99.8 | 2010 | 2006 |
| 1,1-Dichloroethene | 75-35-4 | 99.0 | 2000 | 1980 |
| cis-1,2-Dichloroethene | 156-59-2 | 99.0 | 2002 | 1982 |
| trans-1,2-Dichloroethene | 156-60-5 | 99.5 | 2001 | 1991 |
| 1,2-Dichloropropane | 78-87-5 | 99.5 | 2003 | 1993 |
| 1,3-Dichloropropane | 142-28-9 | 96.7 | 2073* | 2005 |
| 2,2-Dichloropropane | 594-20-7 | 99.9 | 2012 | 2010 |
| 1,1-Dichloropropene | 563-58-6 | 98.9 | 2001 | 1979 |
| cis-1,3-Dichloropropene ** | 10061-01-5 | 93.9 | 2041* | 1916 |
| trans-1,3-Dichloropropene ** | 10061-02-6 | 93.9 | 1968* | 1848 |
| Ethylbenzene | 100-41-4 | 99.7 | 2000 | 1994 |
| Hexachlorobutadiene | 87-68-3 | 98.0 | 2003 | 1963 |
| Isopropylbenzene | 98-82-8 | 100.0 | 2002 | 2002 |
| p-Isopropyltoluene | 99-87-6 | 99.4 | 2000 | 1988 |
| Methylene chloride | 75-09-2 | 99.9 | 2001 | 1999 |
| Naphthalene | 91-20-3 | 100.0 | 2002 | 2002 |
| n-Propylbenzene | 103-65-1 | 100.0 | 2001 | 2001 |
| Styrene | 100-42-5 | 100.0 | 2003 | 2003 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 98.9 | 2005 | 1983 |
| 1,1,1,2,2-Tetrachloroethane | 79-34-5 | 96.0 | 2087* | 2004 |
| Tetrachloroethene | 127-18-4 | 99.4 | 2017 | 2005 |
| Toluene | 108-88-3 | 100.0 | 2001 | 2001 |
| 1,2,3-Trichlorobenzene | 87-61-6 | 100.0 | 2002 | 2002 |



CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

| Component - <i>continued</i> | CAS # | Purity % | Prepared Concentration ² | Certified Analyte Concentration ¹ |
|------------------------------|----------|----------|-------------------------------------|--|
| | | (GC/MS) | (µg/mL) | (µg/mL) |
| 1,2,4-Trichlorobenzene | 120-82-1 | 99.6 | 2001 | 1993 |
| 1,1,1-Trichloroethane | 71-55-6 | 100.0 | 2002 | 2002 |
| 1,1,2-Trichloroethane | 79-00-5 | 98.6 | 2000 | 1972 |
| Trichloroethene | 79-01-6 | 100.0 | 2003 | 2003 |
| 1,2,3-Trichloropropane | 96-18-4 | 97.5 | 2055* | 2004 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 98.2 | 2001 | 1965 |
| 1,3,5-Trimethylbenzene | 108-67-8 | 98.8 | 2001 | 1977 |
| o-Xylene | 95-47-6 | 99.0 | 2000 | 1980 |
| m-Xylene | 108-38-3 | 99.2 | 2002 | 1986 |
| p-Xylene | 106-42-3 | 95.4 | 2097* | 2001 |

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Certified By:

Larry Decker, Organic QC Manager

ID #: 12797

Opened: _____

Volatile Organic Compounds - Liquids

Expires: 4/13/2023

Rec'd: 6/23/2020

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|---------------------------|-------------|-------------|-----------------------------|
| bromochloromethane | 000074-97-5 | RM00009 | 2010 ± 10 µg/mL |
| bromodichloromethane | 000075-27-4 | RM12585 | 2009 ± 10 µg/mL |
| bromoform | 000075-25-2 | RM13987 | 2010 ± 10 µg/mL |
| carbon tetrachloride | 000056-23-5 | RM07576 | 2010 ± 10 µg/mL |
| chloroform | 000067-66-3 | RM13988 | 2009 ± 10 µg/mL |
| dibromochloromethane | 000124-48-1 | RM14843 | 2009 ± 10 µg/mL |
| dibromomethane | 000074-95-3 | RM12878 | 2009 ± 10 µg/mL |
| methylene chloride | 000075-09-2 | RM11650 | 2009 ± 10 µg/mL |
| 1,2-dibromoethane | 000106-93-4 | RM00018 | 2010 ± 10 µg/mL |
| 1,1-dichloroethane | 000075-34-3 | RM16217 | 2006 ± 10 µg/mL |
| 1,2-dichloroethane | 000107-06-2 | RM04655 | 2005 ± 10 µg/mL |
| 1,1-dichloroethene | 000075-35-4 | RM14486 | 2010 ± 10 µg/mL |
| cis-1,2-dichloroethene | 000156-59-2 | RM15008 | 2007 ± 10 µg/mL |
| trans-1,2-dichloroethene | 000156-60-5 | RM07565 | 2008 ± 10 µg/mL |
| 1,1,1,2-tetrachloroethane | 000630-20-6 | RM12632 | 2005 ± 10 µg/mL |
| 1,1,2,2-tetrachloroethane | 000079-34-5 | RM02540 | 2009 ± 10 µg/mL |
| tetrachloroethene | 000127-18-4 | RM06491 | 2008 ± 10 µg/mL |

Certificate of Analysis

| | | | |
|-----------------------------|-------------|--------------------|-----------------|
| Product Number: | DWM-589N-1 | Lot Number: | 0006570990 |
| 1,1,1-trichloroethane | 000071-55-6 | RM16539 | 2004 ± 10 µg/mL |
| 1,1,2-trichloroethane | 000079-00-5 | RM01175 | 2009 ± 10 µg/mL |
| trichloroethene | 000079-01-6 | RM14232 | 2009 ± 10 µg/mL |
| 1,2-dibromo-3-chloropropane | 000096-12-8 | RM13666 | 2009 ± 10 µg/mL |
| 1,2-dichloropropane | 000078-87-5 | RM12821 | 2008 ± 10 µg/mL |
| 1,3-dichloropropane | 000142-28-9 | RM02080 | 2008 ± 10 µg/mL |
| 2,2-dichloropropane | 000594-20-7 | RM12927 | 2005 ± 10 µg/mL |
| 1,1-dichloropropene | 000563-58-6 | RM16190 | 2010 ± 10 µg/mL |
| cis-1,3-dichloropropene | 010061-01-5 | RM12891 | 2007 ± 10 µg/mL |
| trans-1,3-dichloropropene | 010061-02-6 | RM12254 | 2006 ± 10 µg/mL |
| hexachlorobutadiene | 000087-68-3 | RM09157 | 2005 ± 10 µg/mL |
| 1,2,3-trichloropropane | 000096-18-4 | RM13082 | 2004 ± 10 µg/mL |
| benzene | 000071-43-2 | RM12931 | 2009 ± 10 µg/mL |
| n-butylbenzene | 000104-51-8 | RM03651 | 2008 ± 10 µg/mL |
| sec-butylbenzene | 000135-98-8 | RM10905 | 2005 ± 10 µg/mL |
| tert-butylbenzene | 000098-06-6 | RM14040 | 2007 ± 10 µg/mL |
| ethylbenzene | 000100-41-4 | RM12195 | 2006 ± 10 µg/mL |
| isopropylbenzene | 000098-82-8 | RM00835 | 2009 ± 10 µg/mL |
| 4-isopropyltoluene | 000099-87-6 | RM09747 | 2009 ± 10 µg/mL |
| naphthalene | 000091-20-3 | NT00970 | 2006 ± 10 µg/mL |
| n-propylbenzene | 000103-65-1 | RM12785 | 2010 ± 10 µg/mL |
| styrene | 000100-42-5 | RM13393 | 2010 ± 10 µg/mL |



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 4

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

| | | | |
|------------------------|-------------|---------|-----------------|
| toluene | 000108-88-3 | RM06650 | 2008 ± 10 µg/mL |
| 1,2,4-trimethylbenzene | 000095-63-6 | RM06731 | 2002 ± 10 µg/mL |
| 1,3,5-trimethylbenzene | 000108-67-8 | RM12905 | 2009 ± 10 µg/mL |
| o-xylene | 000095-47-6 | RM15639 | 2005 ± 10 µg/mL |
| m-xylene | 000108-38-3 | RM15919 | 2006 ± 10 µg/mL |
| p-xylene | 000106-42-3 | RM02647 | 2009 ± 10 µg/mL |
| bromobenzene | 000108-86-1 | RM10227 | 2008 ± 10 µg/mL |
| chlorobenzene | 000108-90-7 | RM01874 | 2008 ± 10 µg/mL |
| 2-chlorotoluene | 000095-49-8 | RM13774 | 2007 ± 10 µg/mL |
| 4-chlorotoluene | 000106-43-4 | RM11750 | 2009 ± 10 µg/mL |
| 1,2-dichlorobenzene | 000095-50-1 | RM13636 | 2005 ± 10 µg/mL |
| 1,3-dichlorobenzene | 000541-73-1 | NT00356 | 2009 ± 10 µg/mL |
| 1,4-dichlorobenzene | 000106-46-7 | RM12826 | 2009 ± 10 µg/mL |
| 1,2,3-trichlorobenzene | 000087-61-6 | RM10193 | 2007 ± 10 µg/mL |
| 1,2,4-trichlorobenzene | 000120-82-1 | RM09454 | 2009 ± 10 µg/mL |

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:



Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 4 of 4

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Name: Methyl tert-Butyl Ether Standard**Product Number:** STS-440-1**Lot Number:** 0006555762**Lot Issue Date:** 19-Aug-2020**Expiration Date:** 31-Aug-2022**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system, and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte**CAS#****Analyte Lot****Concentration ± Uncertainty**

tert-butylmethyl ether

001634-04-4

RM06568

2006 ± 10 µg/mL

Matrix: methanol (methyl alcohol)**Storage Conditions:** Store Frozen (-25° to -10°C).**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1ISO 17025 Cert
No. AT-1937

CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: Refer to SDS for complete safety information

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)



Signal Word: **Danger**

Certified Reference Material



| Component | CAS # | Purity % (GC/MS) | Prepared Concentration ² (µg/mL) | Certified Analyte Concentration ¹ (µg/mL) |
|-----------|-----------|---------------------|---|--|
| MtBE | 1634-04-4 | 100.0 | 2002 | 2002 |

ID #: 13920

Opened: _____

MTBE

Expires: 5/18/2030

Rec'd: 6/7/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager



Certificate of Analysis

ID #: 14251

Opened: _____

Internal Standard

Expires: 12/31/2022

Rec'd: 9/8/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Product Name: Internal Standard

Product Number: STM-520-1

Lot Issue Date: 05-Jan-2021

Lot Number: 0006582580

Expiration Date: 31-Dec-2022

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|------------------------|-------------|-------------|-----------------------------|
| chlorobenzene-d5 | 003114-55-4 | RM12274 | 2501 ± 13 µg/mL |
| 1,4-dichlorobenzene-d4 | 003855-82-1 | RM12517 | 2501 ± 13 µg/mL |
| fluorobenzene | 000462-06-6 | RM13378 | 2512 ± 13 µg/mL |

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025 and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.



ISO 17034
REFERENCE MATERIAL
PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 1 of 2

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: STM-520-1

Lot Number: 0006582580

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: Apr 18, 2019

Expiration: Apr 18, 2029

Sample Size: 1 mL

Components: 4

Storage Condition: Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % | Prepared Concentration ² | Certified Analyte Concentration ¹ |
|-----------------------|------------|----------|-------------------------------------|--|
| | | (GC/MS) | (µg/mL) | (µg/mL) |
| p-Bromofluorobenzene | 460-00-4 | 99.9 | 2004 | 2002 |
| Dibromofluoromethane | 1868-53-7 | 99.8 | 2005 | 2001 |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 100.0 | 2001 | 2001 |
| Toluene-d8 | 2037-26-5 | 100.0 | 2000 | 2000 |

ID #: 14269

Opened: _____

Surrogate Standard Mix

Expires: 4/18/2029

Rec'd: 9/14/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

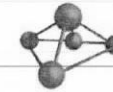
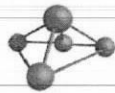
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Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager



CERTIFIED WEIGHT REPORT

Part Number: 30058
Lot Number: 080321
Description: EPA Method 502/524 - Volatile Gases Mix #1

Expiration Date: 080324

Recommended Storage: Freezer (0 °C)

Nominal Concentration (µg/mL): 2000

NIST Test ID#: 6UTB

Solvent: Methanol
Lot#: EA783-US

Weight(s) shown below were combined and diluted to (mL):
500.0 0.058 Balance Uncertainty
0.058 Flask Uncertainty

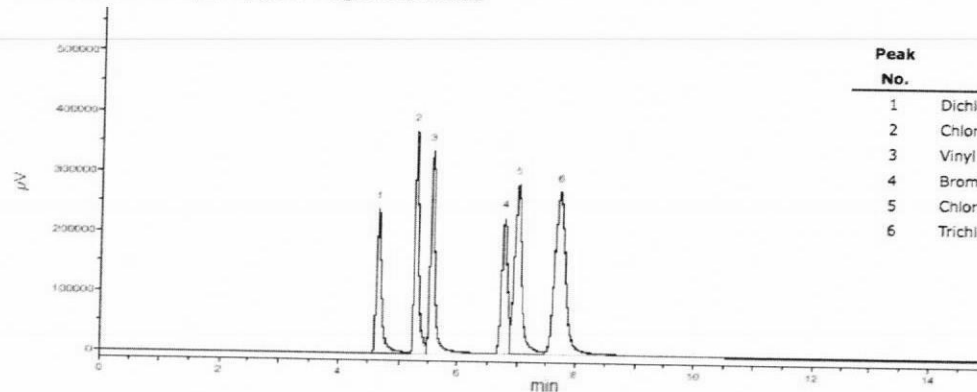
| | | |
|----------------|-----------------|--------|
| | | 080321 |
| Formulated By: | Mario Luis | DATE |
| | | 080321 |
| Reviewed By: | Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) | | |
|----------------------------|-----|------------|----------------------|------------|------------------------|-------------------|-------------------|--------------------|------------------------------------|--|---------------------------|-------------------|
| | | | | | | | | | | CAS# | OSHA PEL (TWA) | LD50 |
| 1. Bromomethane | 50 | 01611JX | 2000 | 99.5 | 0.2 | 1.00508 | 1.0098 | 2009.4 | 8.1 | 74-83-9 | 5 ppm (20mg/m3/8H) (skin) | ori-rat 214mg/kg |
| 2. Chloroethane | 72 | 062617 | 2000 | 99 | 0.2 | 1.01016 | 1.0146 | 2008.8 | 8.1 | 75-00-3 | 1000 ppm (2600mg/m3/8H) | N/A |
| 3. Chloromethane | 79 | 06908MS | 2000 | 99.5 | 0.2 | 1.00508 | 1.0154 | 2020.5 | 8.1 | 74-87-3 | 100 ppm | ori-rat 1800mg/kg |
| 4. Dichlorodifluoromethane | 134 | 92-0487 | 2000 | 99 | 0.2 | 1.01016 | 1.0224 | 2024.2 | 8.2 | 75-71-8 | 1000 ppm (4950mg/m3/8H) | N/A |
| 5. Trichlorofluoromethane | 294 | 01823MW | 2000 | 99 | 0.2 | 1.01016 | 1.0110 | 2001.7 | 8.1 | 75-69-4 | 1000 ppm (5600mg/m3/8H) | ipr-mus 1743mg/kg |
| 6. Vinyl chloride | 305 | 04854EA | 2000 | 99.5 | 0.2 | 1.00508 | 1.0071 | 2004.0 | 8.1 | 75-01-4 | N/A | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC15-M9 Analysis by Melissa Stonier
Column ID SPB-Vocool 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=150mL/min., Helium (carrier)=10mL/min., Helium(make-up)=40mL/min., Hydrogen(make-up)=100mL/min.
Oven Profile: Temp. 1=35°C (Time 1=9 min.), Temp 2=200°C (Time 2=1 min.), Rate = 33°C/min., Total run time=15 min. Injector temp.=200°C, FID Temp.=200°C.
ELCD Signal = Edaq Channel 1 PID Signal = Edaq Channel 2
Standard injection = 0.5µL, Range=3 Purge Valve = 0 min.



| Peak No. | Analyte | ELCD RT (min.) |
|----------|-------------------------|----------------|
| 1 | Dichlorodifluoromethane | 4.67 |
| 2 | Chloromethane | 5.28 |
| 3 | Vinyl chloride | 5.56 |
| 4 | Bromomethane | 6.75 |
| 5 | Chloroethane | 6.99 |
| 6 | Trichlorofluoromethane | 7.72 |

ID #: 14285

Opened: _____

EPA Method 502-524 - Volatile Gases Mix #1

Expires: 8/3/2024

Rec'd: 9/17/2021

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Billings MT 59107

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ID #: 14443

Opened: _____

TCL Ketone Mix

Expires: 6/30/2023

Rec'd: 10/26/2021

Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

CERTIFICATE OF ANALYSIS

TCL Ketones Mixture

CONCENTRATION 2000ug/ml in Methanol:Water (90:10)
CATALOG NUMBER M-TCL1AN5-1ML
LOT NUMBER 10251200
DATE CERTIFIED 06/16/20
EXPIRATION DATE 06/30/23
STORAGE Freezer storage (-20 - -25 °C)
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.
ISO 17034:2016 CERTIFIED []

| ID | Analyte | CAS | Weight Analyte (mg) | Lot | Purity | Certified Concentration (ug/mL) |
|---------|----------------------|----------|---------------------|----------|--------|---------------------------------|
| N-11014 | Acetone | 67-64-1 | 203.300 | 00026182 | 98.7 | 2006.6 |
| N-10297 | 2-Butanone | 78-93-3 | 202.800 | 00027454 | 99.5 | 2017.9 |
| N-10369 | 2-Hexanone | 591-78-6 | 202.600 | 00025720 | 99.5 | 2015.9 |
| N-10844 | 4-Methyl-2-pentanone | 108-10-1 | 204.700 | 6403300 | 99.5 | 2036.8 |

| Analytical Test | Value |
|------------------------|----------|
| CONCENTRATION (GC/FID) | VERIFIED |

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form
Revision 3 (3/2015)

Print Date: 10/22/21

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Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

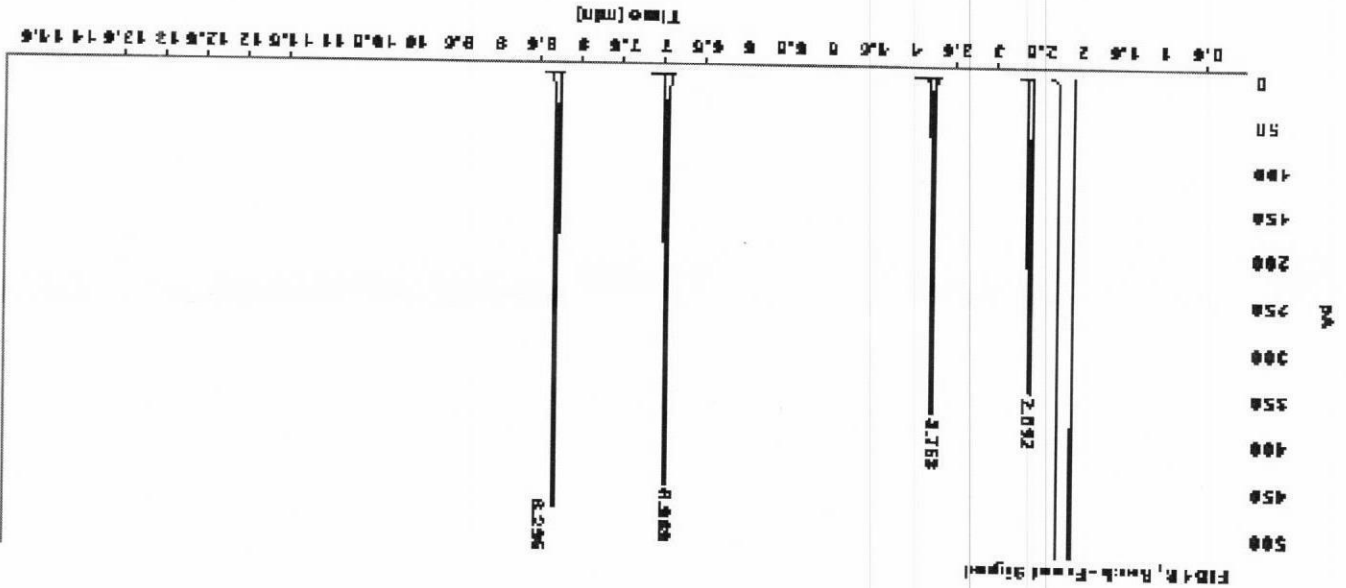


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CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0620M-TCL1AN5.D
 Sample name: M-TCL1AN5
 Acq. method: N-14278.M
 Instrument: GC3
 Injection date: 6/16/2020 2:52:35 PM
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm)
 Location: 202
 Injection Vol: 1.000
 # Of Injections: 1



Signal: FID1 B, Back - Front Signal

| RT [min] | Type | Width [min] | Area | Height | Area% |
|----------|------|-------------|----------|----------|-----------|
| 2.592 | BB | 0.0277 | 580.2505 | 343.4986 | 18.4855 |
| 3.763 | BB | 0.0323 | 735.4804 | 387.8491 | 23.4054 |
| 6.969 | BB | 0.0326 | 904.3389 | 447.8770 | 28.7791 |
| 8.295 | BB | 0.0307 | 822.2798 | 474.3798 | 29.3500 |
| Sum | | | | | 3142.3497 |

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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-100X
Description: TCL Ketone Mix
Lot: 221111486

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: Dec 1, 2021
Expiration: Jan 1, 2023
Sample Size: 1 mL
Components: 4
Storage Condition: Freeze (<-10 °C)



Signal Word: Danger

Certified Reference Material



| Component | CAS # | Purity % | Prepared Concentration ² | Certified Analyte Concentration ¹ |
|----------------------|----------|----------|-------------------------------------|--|
| | | (GC/MS) | (mg/mL) | (mg/mL) |
| Acetone | 67-64-1 | 100.0 | 20.01 | 20.01 |
| Methyl ethyl ketone | 78-93-3 | 100.0 | 20.01 | 20.01 |
| 2-Hexanone | 591-78-6 | 98.7 | 20.01 | 19.75 |
| 4-Methyl-2-pentanone | 108-10-1 | 100.0 | 20.01 | 20.01 |

ID #: 14585

Opened: _____

TCL Ketone Mix

Expires: 1/1/2023

Rec'd: 12/3/2021

Energv Laboratories Inc 1120 So. 27th Street
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____

Larry Decker, Organic QC Manager

CHEM SERVICE INC.

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CERTIFICATE OF ANALYSIS

Volatile Organics High Concentration Mixture #6

CONCENTRATION 2000ug/ml in Methanol
CATALOG NUMBER M-VOHC6M5-1ML
LOT NUMBER 12380600
DATE CERTIFIED 09/16/21
EXPIRATION DATE 06/30/22
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.
ISO 17034:2016 CERTIFIED []

| ID | Analyte | CAS | Weight Analyte (mg) | Lot | Purity | Certified Concentration (ug/mL) |
|---------|-------------------------|---------|---------------------|----------|--------|---------------------------------|
| N-11446 | Chloroethane | 75-00-3 | 94.180 | 00001728 | 100.0 | 1962.1 |
| N-11665 | Dichlorodifluoromethane | 75-71-8 | 98.430 | 00001729 | 100.0 | 2050.6 |
| N-12417 | Methyl bromide | 74-83-9 | 99.040 | 00024694 | 100.0 | 2063.3 |
| N-12421 | Methyl chloride | 74-87-3 | 97.970 | 00001731 | 100.0 | 2041.0 |
| N-13655 | Trichlorofluoromethane | 75-69-4 | 98.890 | 00027239 | 99.4 | 2047.8 |
| N-13748 | Vinyl chloride | 75-01-4 | 97.820 | 00019298 | 100.0 | 2037.9 |

| Analytical Test | Value |
|------------------------|----------|
| CONCENTRATION (GC/MSD) | VERIFIED |

ID #: 14783

Opened:

Volatile Organics High Concentration Mixture

Expires: 6/30/2022

Rec'd: 1/18/2022

Eneray Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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COA Form
Revision 3 (3/2015)

Print Date: 01/11/22

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Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



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CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number: M-VOHC6M5-1ML
Description: Volatile Organics High Concentration Mixture #6
Lot Number: 12380600
Expiration Date: 06/30/22

Chem Service Inc Area Percent Report

Data File: D:\msdchem\2021 DATA\0921\091621\M-VOHC6M5_DIL-1.D
Acq On : 16 Sep 2021 10:30
Operator :
Sample : M-VOHC6M5
Misc :
ALS Vial : 1

Integration Parameters: autoint1.e
Integrator: ChemStation

DataAcq Meth:M-VOHC6M5.M
Method : D:\msdchem\2021 DATA\0321\S-11399U1-01.D\S-11399U1.M

Signal : TIC: M-VOHC6M5_DIL-1.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1 | 1.856 | 167 | 171 | 174 | BV | 43179 | 602007 | 42.31% | 12.962% |
| 2 | 1.920 | 174 | 177 | 180 | VV | 58068 | 833942 | 58.61% | 17.956% |
| 3 | 1.978 | 180 | 183 | 187 | VB | 14247 | 178408 | 12.54% | 3.841% |
| 4 | 2.134 | 193 | 198 | 201 | BV | 50234 | 799854 | 56.22% | 17.222% |
| 5 | 2.204 | 201 | 204 | 210 | VB | 53542 | 807271 | 56.74% | 17.382% |
| 6 | 2.455 | 224 | 228 | 239 | BB | 90821 | 1422800 | 100.00% | 30.636% |

Sum of corrected areas: 4644281

S-11399U1.M Thu Sep 16 11:46:52 2021

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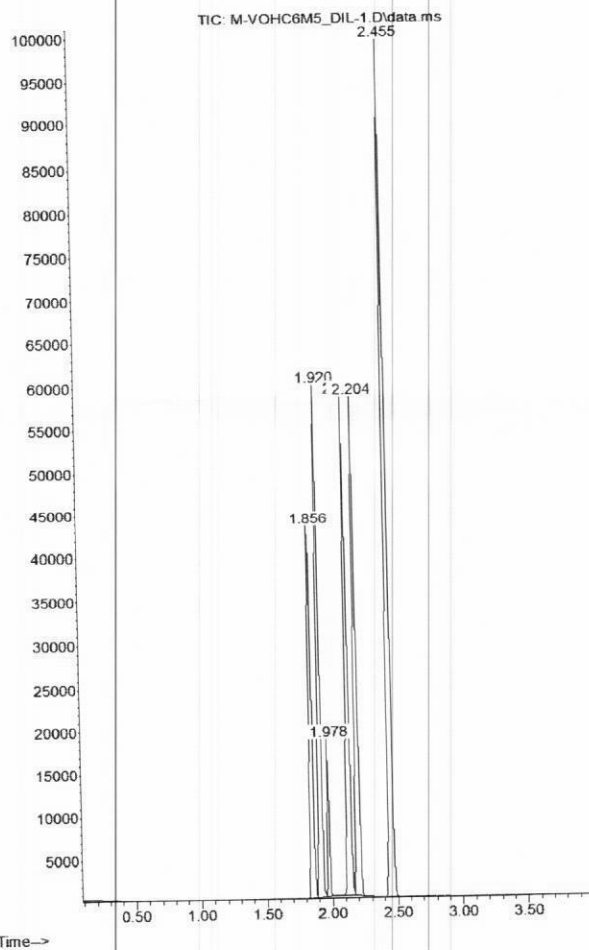
CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:
Description:
Lot Number:
Expiration Date:

M-VOHC6M5-1ML
Volatile Organics High Concentration Mixture #6
12380600
06/30/22

Abundance



Chem Service, Inc. is accredited to ISO 17024:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

