

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX121820\  
 Data File : VX020156.D  
 Acq On : 19 Dec 2020 07:48  
 Operator : JC/MD  
 Sample : L5053-17DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D3-20201210DL

Quant Time: Dec 21 00:12:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

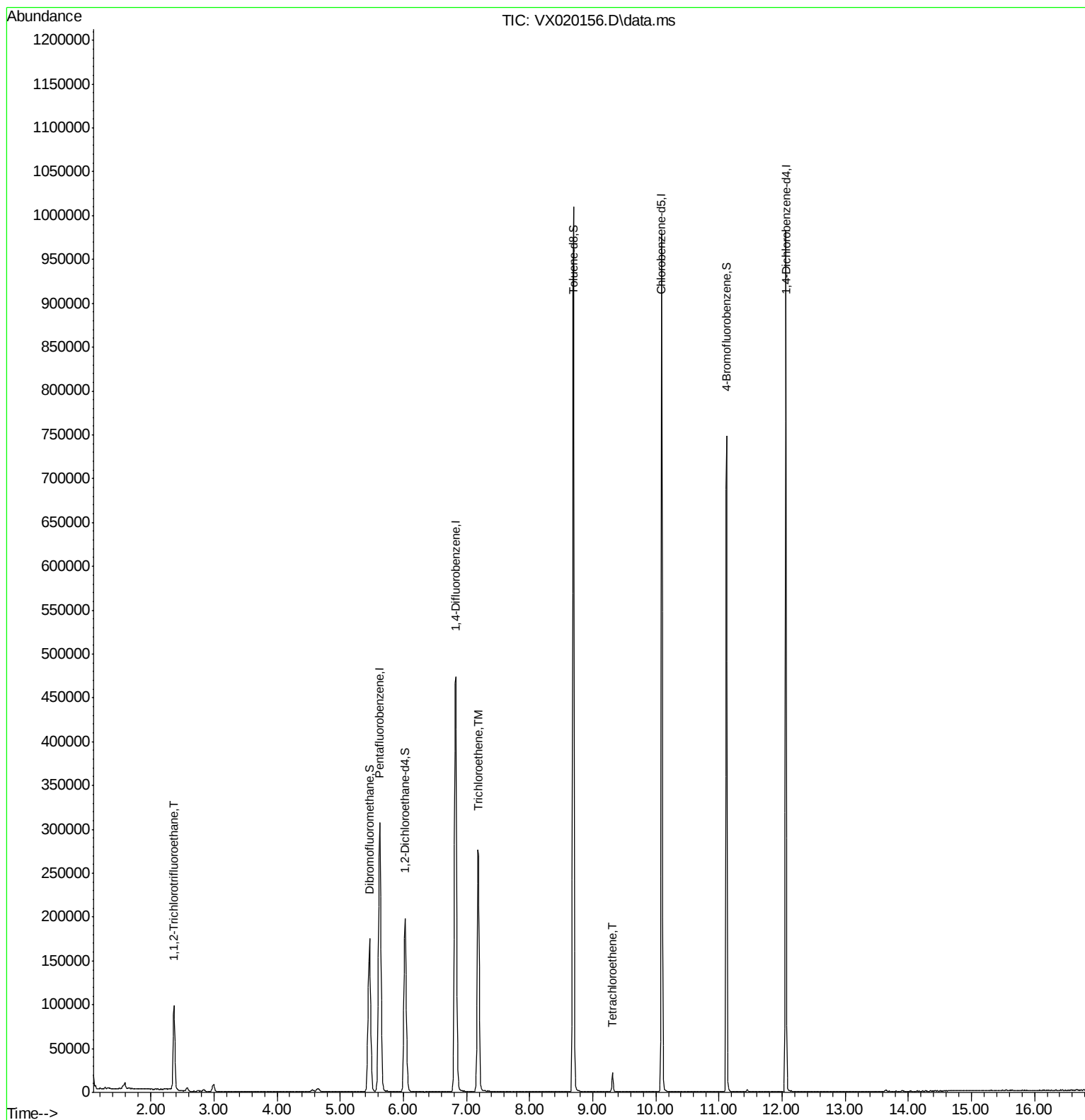
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.629  | 168   | 294130   | 50.00    | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene      | 6.830  | 114   | 489105   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.092 | 117   | 454496   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061 | 152   | 198366   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 6.025  | 65    | 191156   | 48.48    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =     | 96.96%   |
| 35) Dibromofluoromethane     | 5.464  | 113   | 153142   | 48.95    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =     | 97.90%   |
| 50) Toluene-d8               | 8.696  | 98    | 595266   | 49.43    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =     | 98.86%   |
| 62) 4-Bromofluorobenzene     | 11.122 | 95    | 209725   | 45.50    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =     | 91.00%   |
| Target Compounds             |        |       |          |          |       |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.367  | 101   | 37647    | 12.82    | ug/l  | 98       |
| 44) Trichloroethene          | 7.190  | 130   | 108493   | 27.89    | ug/l  | 98       |
| 64) Tetrachloroethene        | 9.317  | 164   | 4184     | 1.22     | ug/l  | 95       |
| -----                        |        |       |          |          |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L5053-17DL 5X  
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ALS Vial : 45 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D3-20201210DL

Quant Time: Dec 21 00:12:55 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
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QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

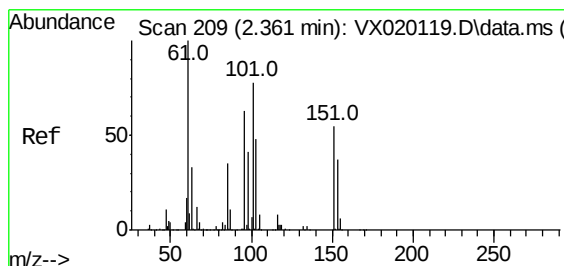
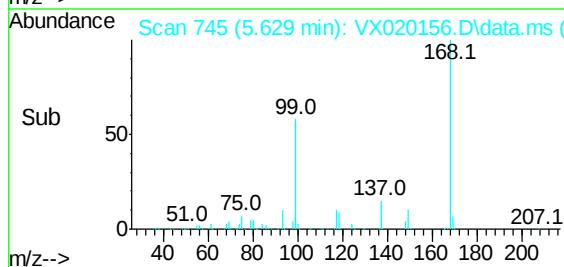
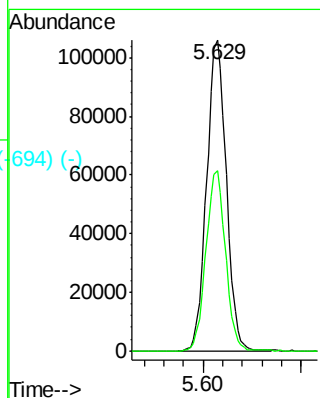
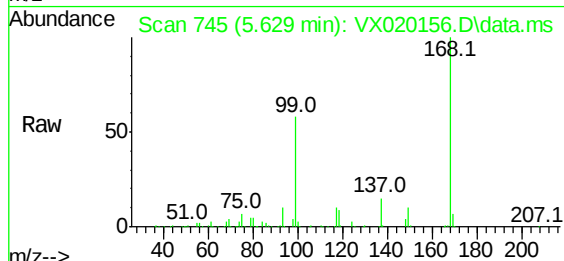




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

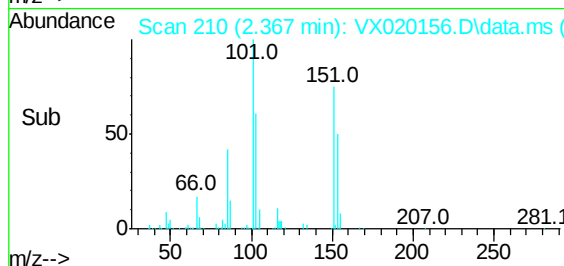
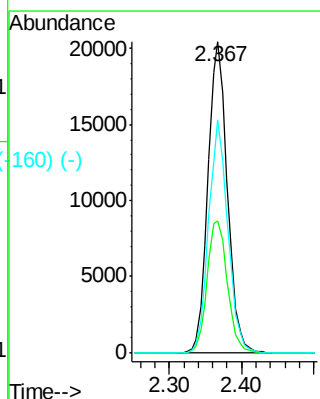
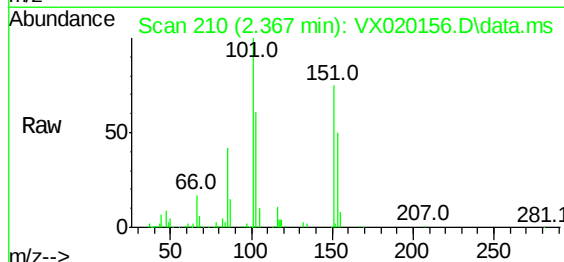
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D3-20201210DL

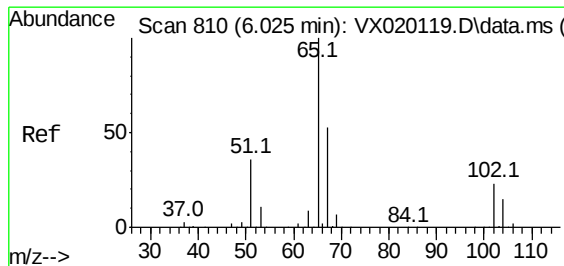
Tgt Ion:168 Resp: 294130  
Ion Ratio Lower Upper  
168 100  
99 58.2 45.8 68.6



1,1,2-Trichlorotrifluoroethane  
Concen: 12.82 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

Tgt Ion:101 Resp: 37647  
Ion Ratio Lower Upper  
101 100  
85 44.1 34.9 52.3  
151 74.1 61.4 92.2

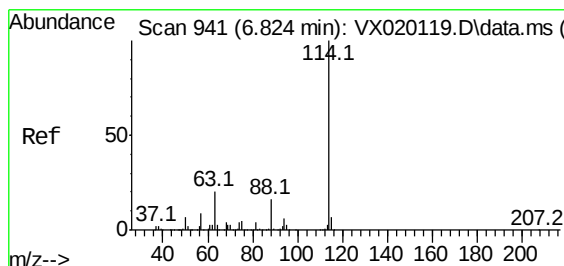
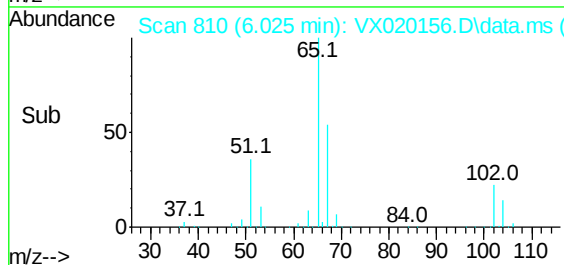
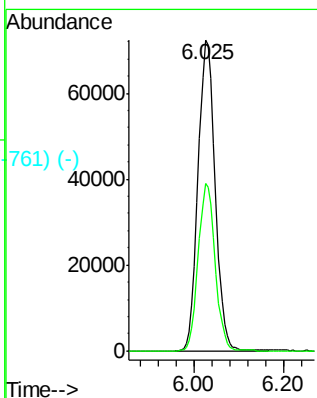
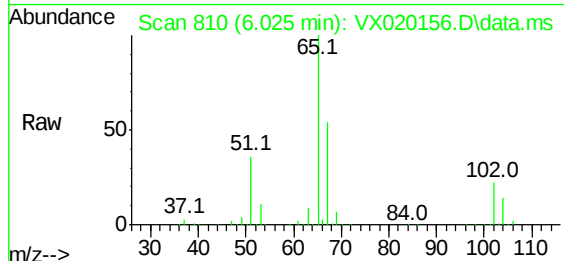




1,2-Dichloroethane-d4  
Concen: 48.48 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

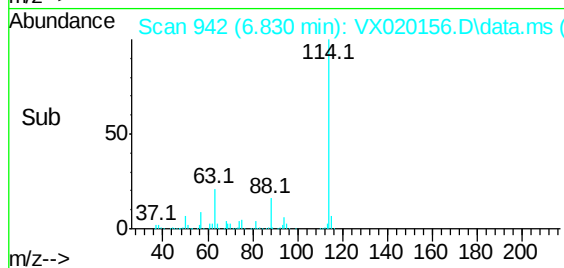
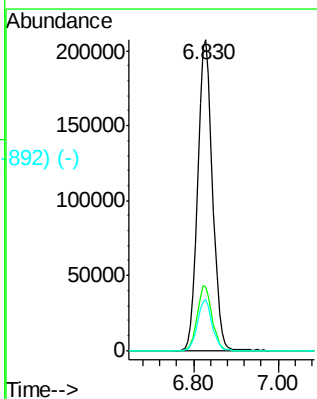
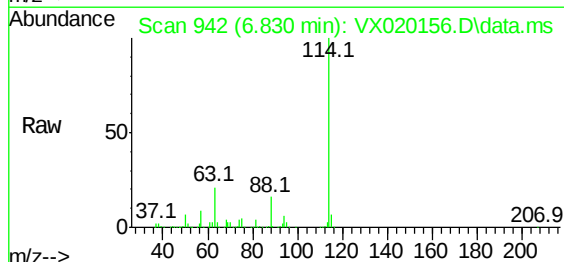
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D3-20201210DL

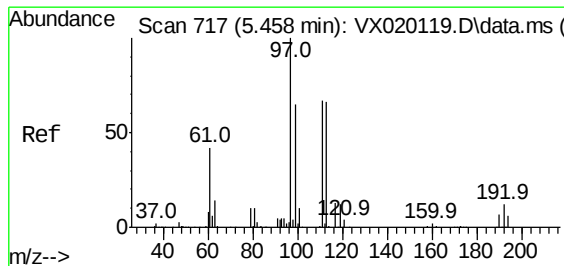
Tgt Ion: 65 Resp: 191156  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 105.4



1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

Tgt Ion: 114 Resp: 489105  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.8  
88 16.5 0.0 32.8

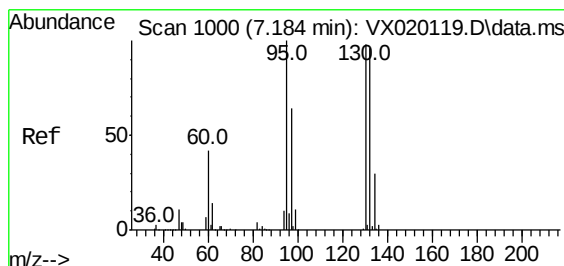
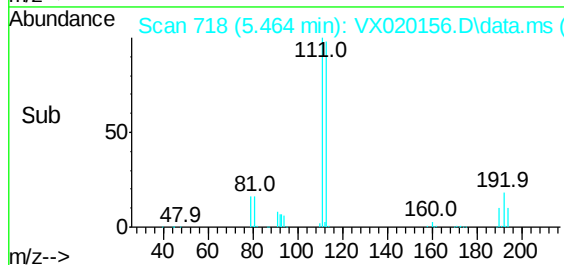
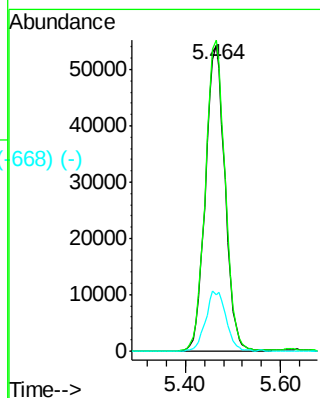
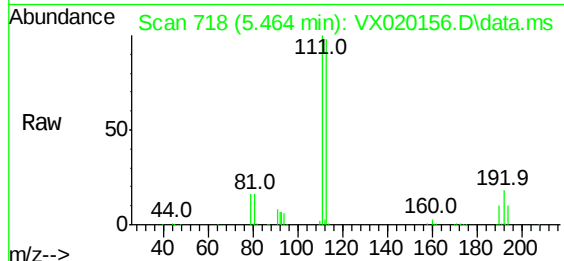




Dibromofluoromethane  
Concen: 48.95 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

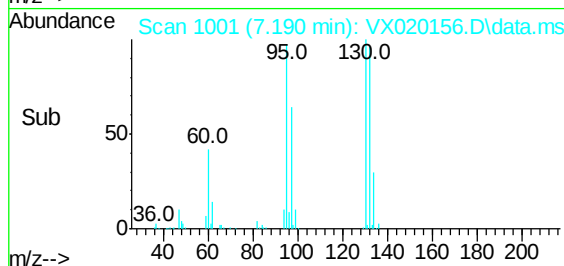
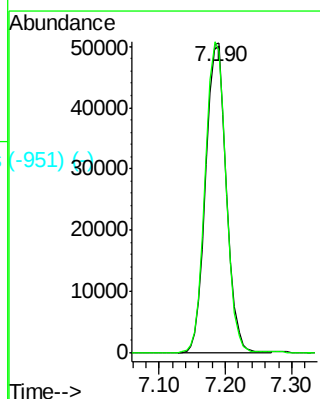
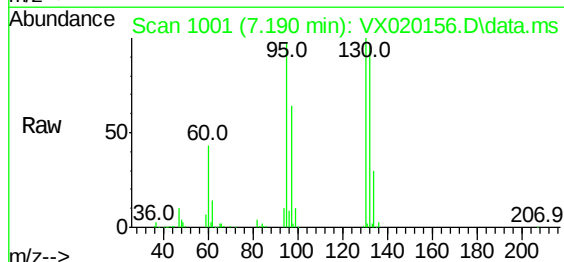
Instrument :  
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ClientSampleId :  
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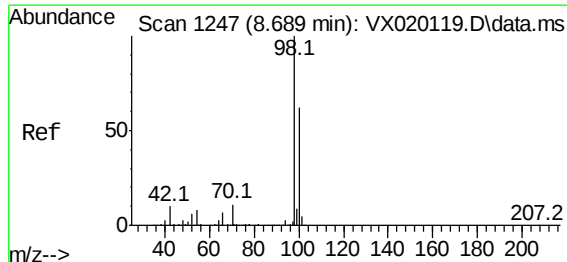
Tgt Ion:113 Resp: 153142  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.9 122.9  
192 20.1 16.7 25.1



Trichloroethene  
Concen: 27.89 ug/l  
RT: 7.190 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

Tgt Ion:130 Resp: 108493  
Ion Ratio Lower Upper  
130 100  
95 97.5 0.0 198.0

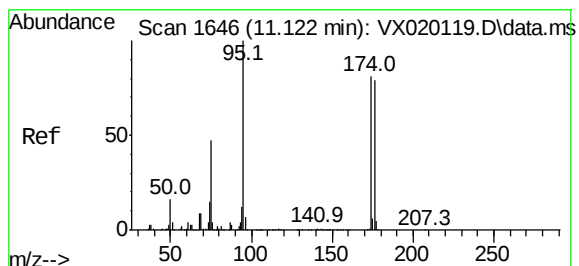
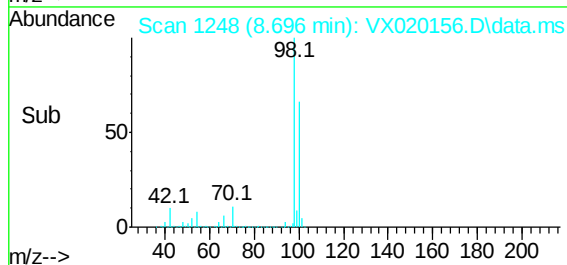
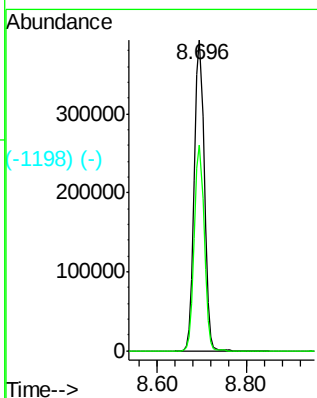
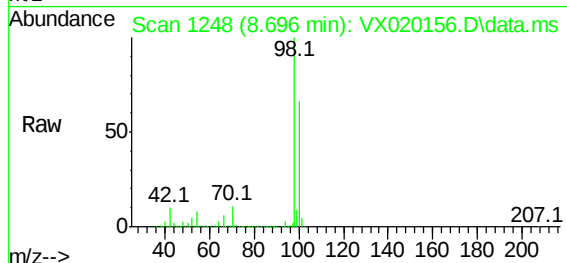




#599 (-)  
Toluene-d8  
Concen: 49.43 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

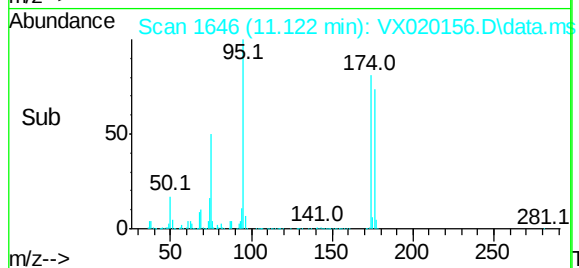
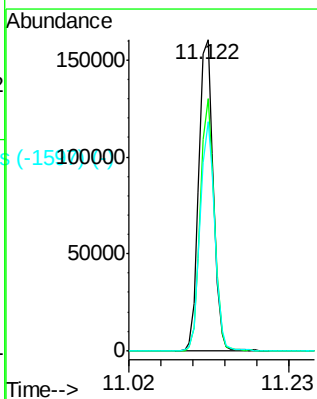
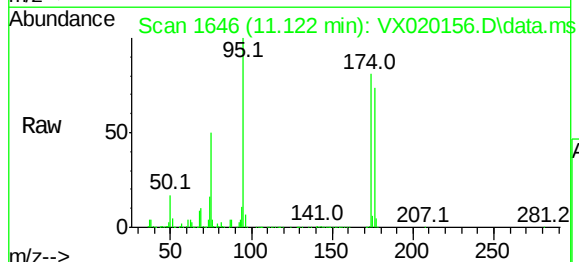
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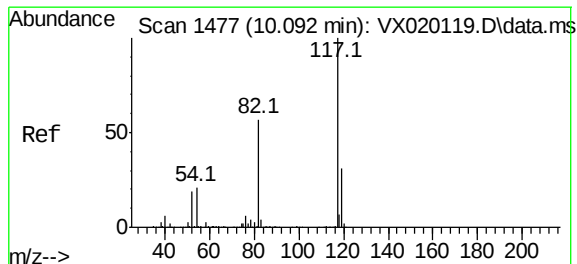
Tgt Ion: 98 Resp: 595266  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.9 77.9



#639 (-)  
4-Bromofluorobenzene  
Concen: 45.50 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

Tgt Ion: 95 Resp: 209725  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 154.6  
176 73.6 0.0 155.8

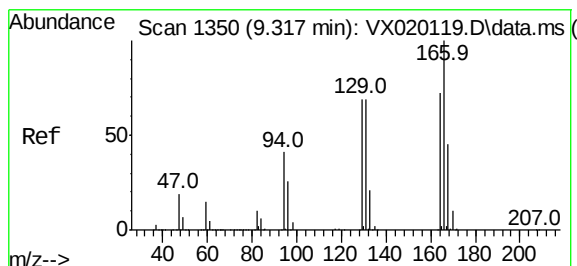
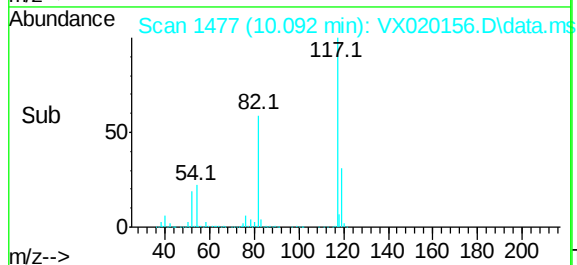
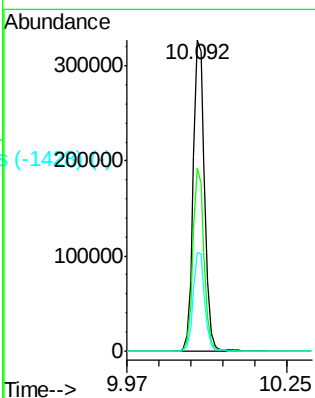
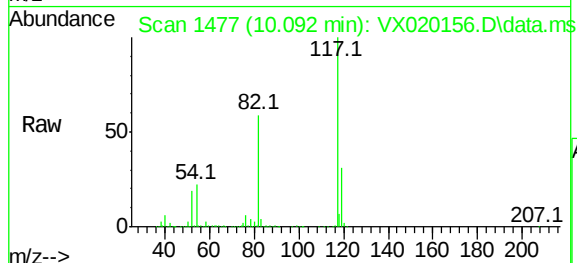




#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

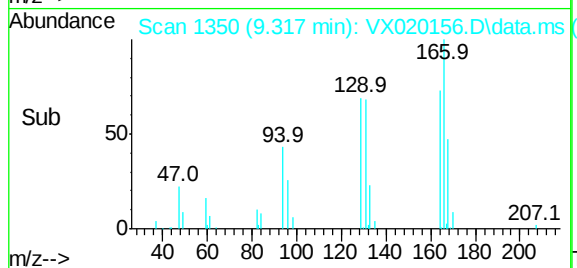
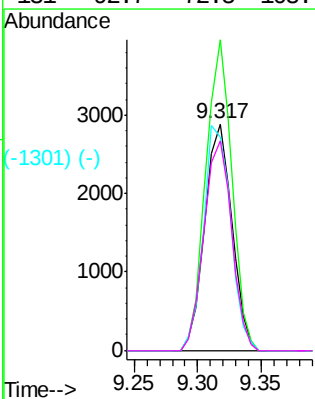
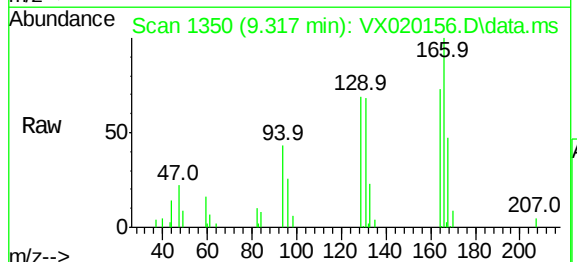
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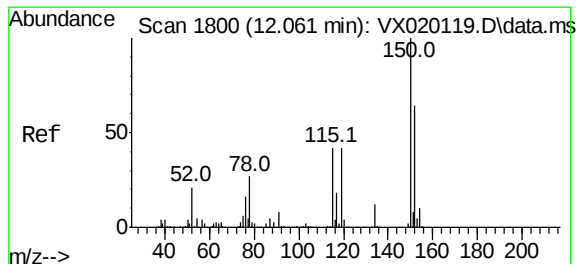
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 454496 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.0  | 47.4  | 71.2   |
| 119      | 31.5  | 26.6  | 39.8   |



#642 (-)  
Tetrachloroethene  
Concen: 1.22 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020156.D  
Acq: 19 Dec 2020 07:48

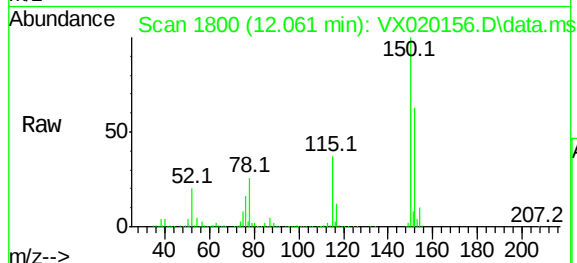
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 4184  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 137.2 | 103.4 | 155.2 |
| 129      | 94.1  | 70.8  | 106.2 |
| 131      | 92.7  | 72.5  | 108.7 |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020156.D  
 Acq: 19 Dec 2020 07:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D3-20201210DL



Tgt Ion:152 Resp: 198366  
 Ion Ratio Lower Upper  
 152 100  
 115 60.2 41.1 123.3  
 150 156.6 0.0 349.0

