

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122120\  
 Data File : VX020251.D  
 Acq On : 21 Dec 2020 15:39  
 Operator : JC/MD  
 Sample : L5145-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-MW009(DOB)-121520

Quant Time: Dec 22 01:34:00 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

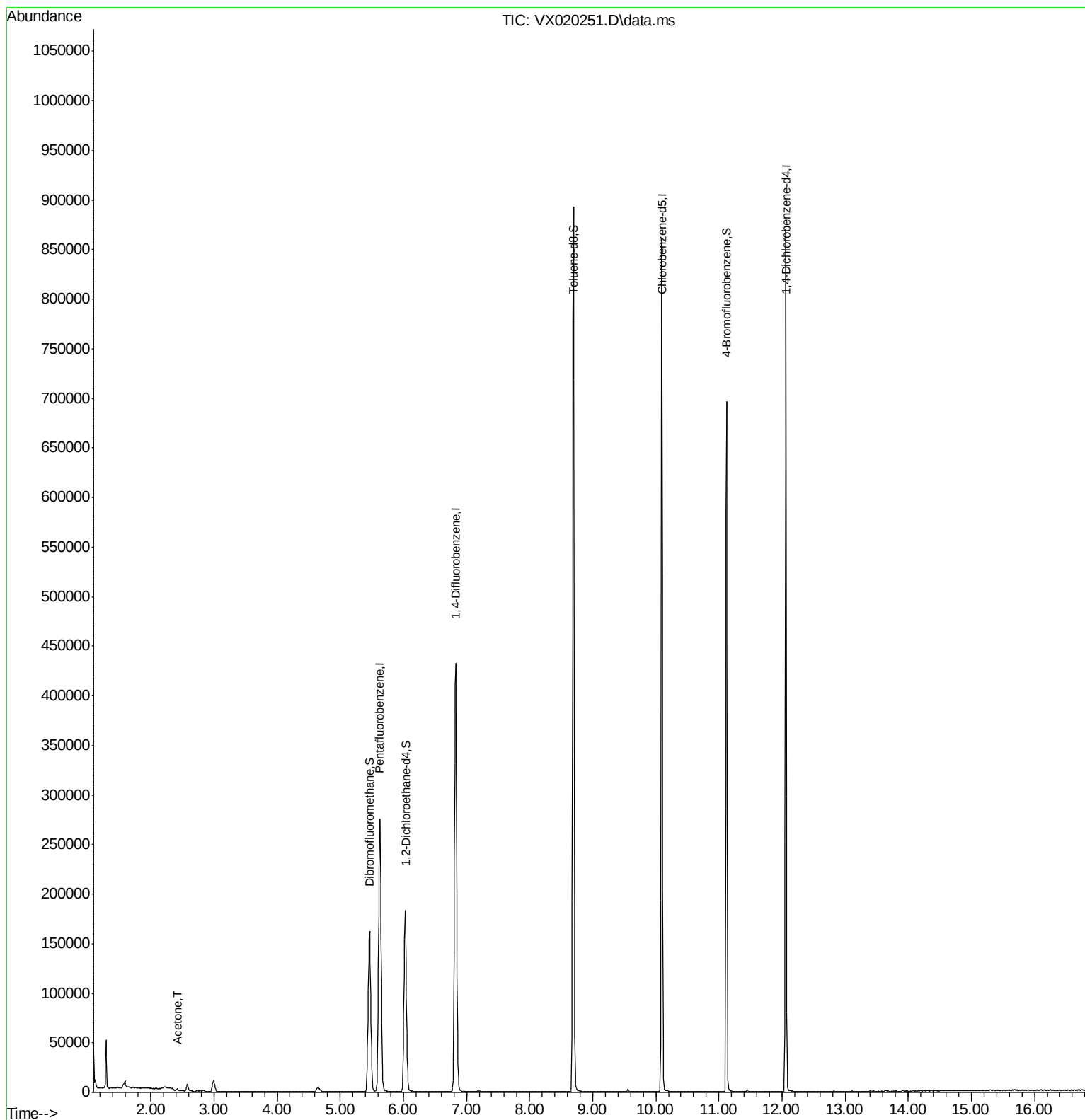
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.629  | 168   | 259557   | 50.00    | ug/l  | 0.01      |
| 34) 1,4-Difluorobenzene     | 6.830  | 114   | 438199   | 50.00    | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.098 | 117   | 409987   | 50.00    | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152   | 175502   | 50.00    | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65    | 176001   | 50.59    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 101.18%   |
| 35) Dibromofluoromethane    | 5.464  | 113   | 140570   | 50.15    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 100.30%   |
| 50) Toluene-d8              | 8.695  | 98    | 530246   | 49.14    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 98.28%    |
| 62) 4-Bromofluorobenzene    | 11.122 | 95    | 186474   | 45.15    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 90.30%    |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.416  | 43    | 1907     | 1.20     | ug/l  | Qvalue 97 |
| -----                       |        |       |          |          |       |           |

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

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49-MW009(DOB)-121520

Quant Time: Dec 22 01:34:00 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

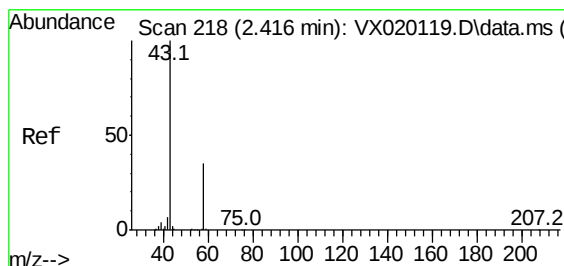
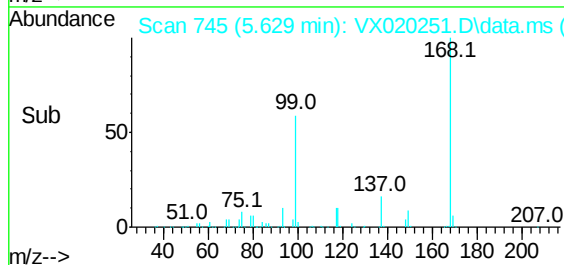
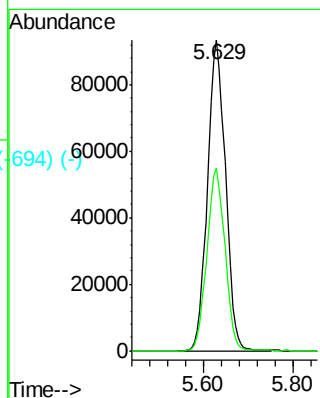
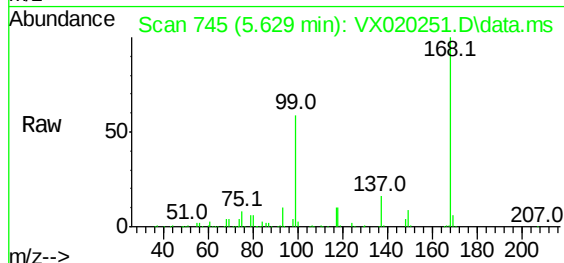




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

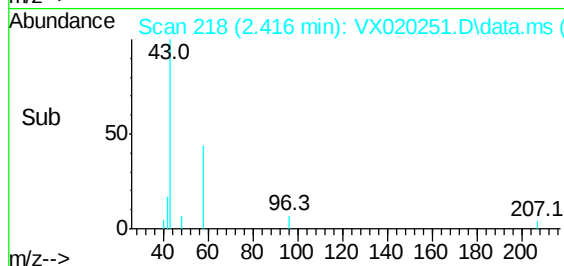
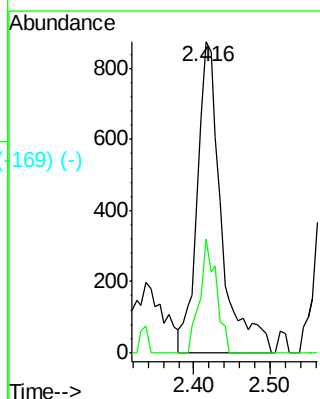
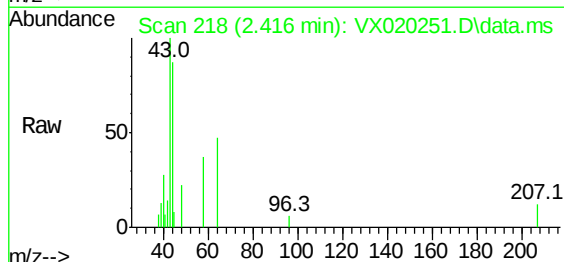
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-MW009(DOB)-121520

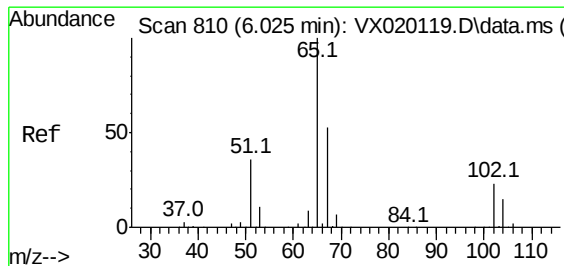
Tgt Ion:168 Resp: 259557  
Ion Ratio Lower Upper  
168 100  
99 58.8 45.8 68.6



Acetone  
Concen: 1.20 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. 0.000 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

Tgt Ion: 43 Resp: 1907  
Ion Ratio Lower Upper  
43 100  
58 36.6 27.8 41.8

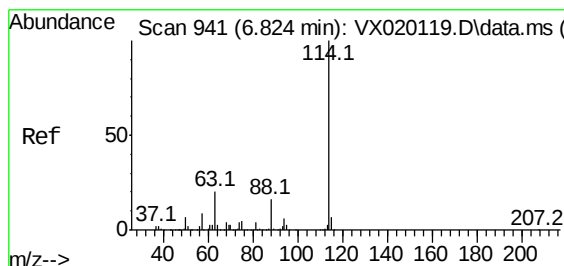
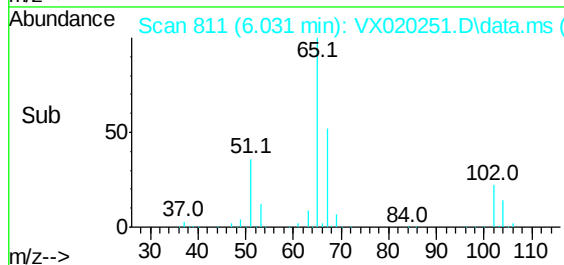
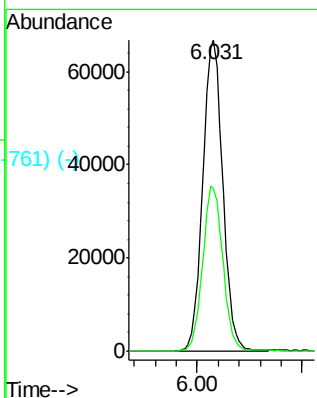
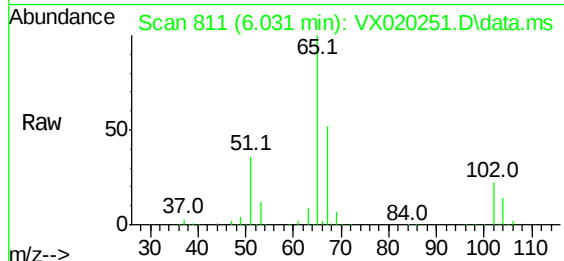




1,2-Dichloroethane-d4  
Concen: 50.59 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

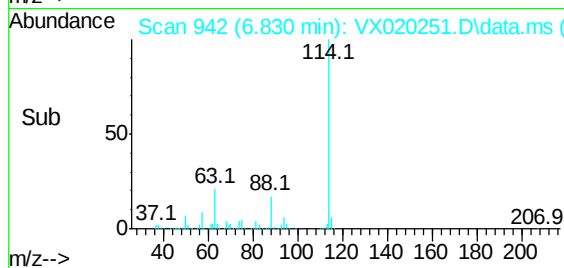
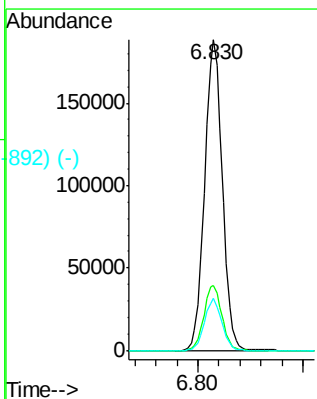
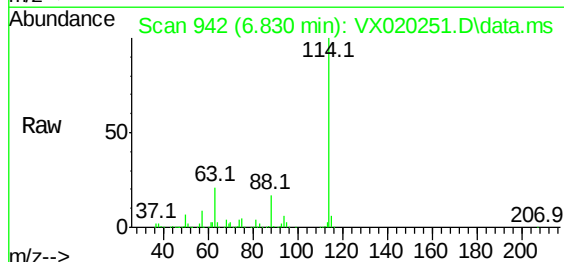
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-MW009(DOB)-121520

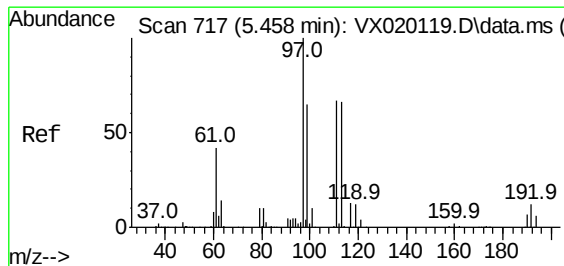
Tgt Ion: 65 Resp: 176001  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 105.4



1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

Tgt Ion: 114 Resp: 438199  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.8  
88 16.7 0.0 32.8

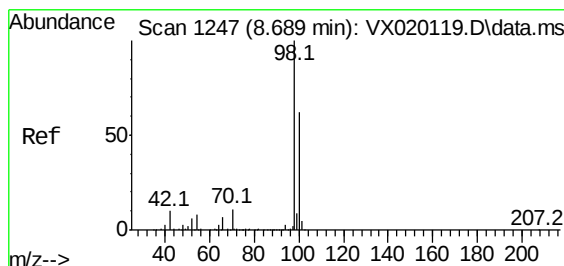
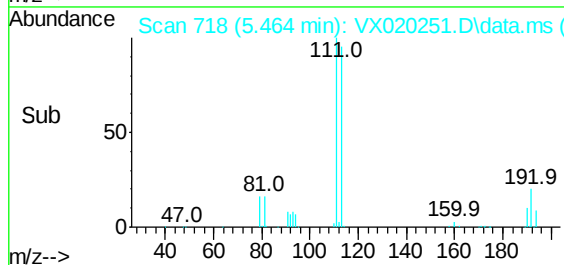
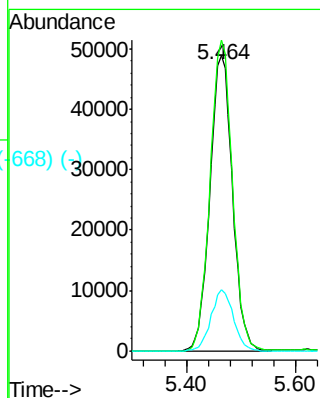
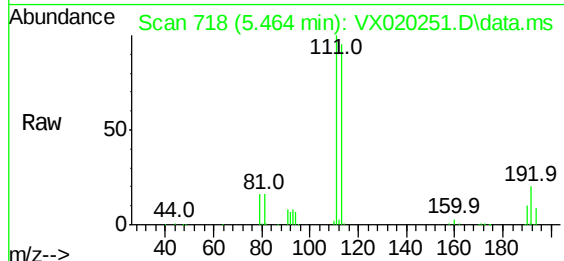




Dibromofluoromethane  
Concen: 50.15 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

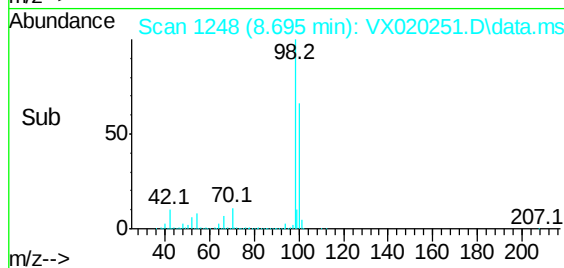
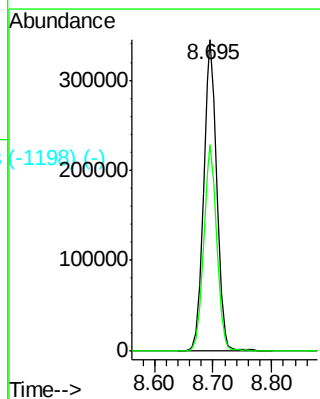
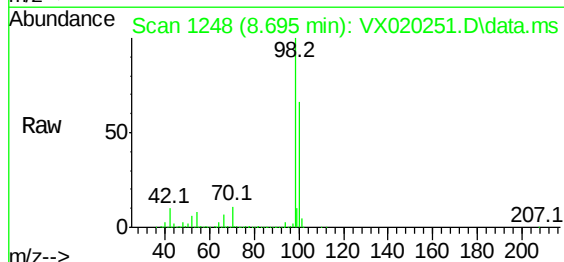
Instrument :  
MSVOA\_X  
ClientSampleId :  
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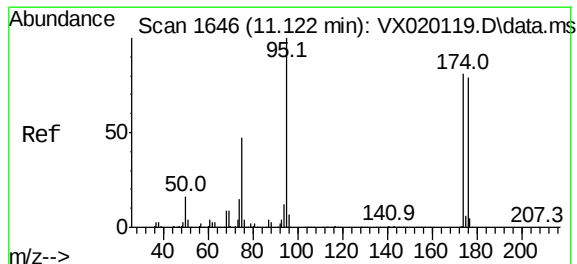
Tgt Ion:113 Resp: 140570  
Ion Ratio Lower Upper  
113 100  
111 104.3 81.9 122.9  
192 20.4 16.7 25.1



Toluene-d8  
Concen: 49.14 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020251.D  
Acq: 21 Dec 2020 15:39

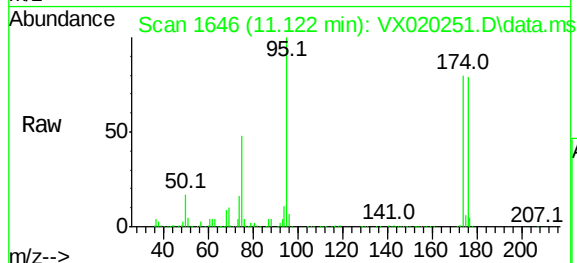
Tgt Ion: 98 Resp: 530246  
Ion Ratio Lower Upper  
98 100  
100 65.9 51.9 77.9





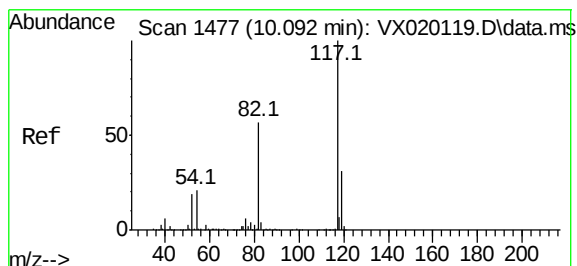
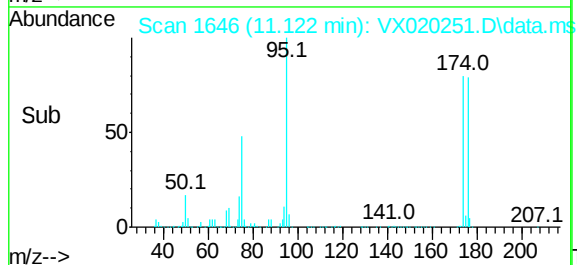
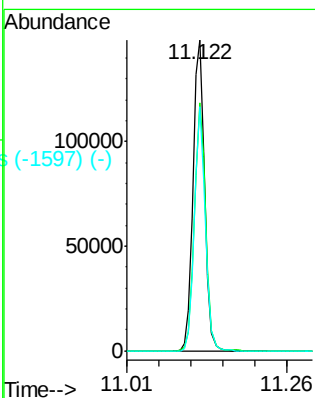
#639 (-)  
 4-Bromofluorobenzene  
 Concen: 45.15 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. -0.000 min  
 Lab File: VX020251.D  
 Acq: 21 Dec 2020 15:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-MW009(DOB)-121520

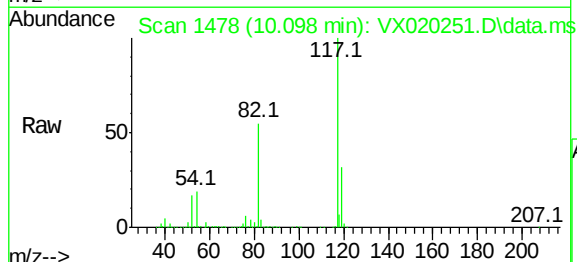


Tgt Ion: 95 Resp: 186474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 77.9  | 0.0   | 154.6 |
| 176 | 74.3  | 0.0   | 155.8 |

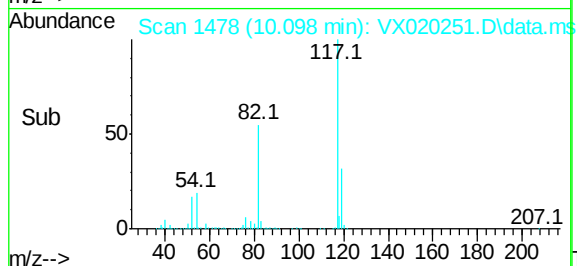
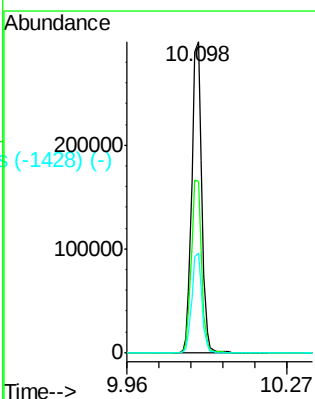


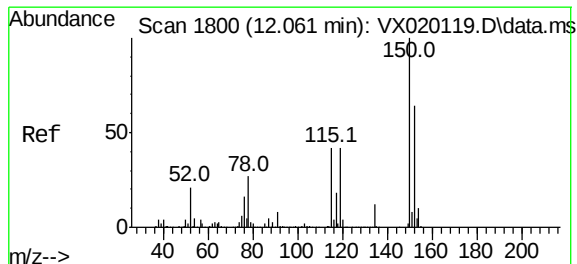
#640 (-)  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.098 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VX020251.D  
 Acq: 21 Dec 2020 15:39



Tgt Ion: 117 Resp: 409987

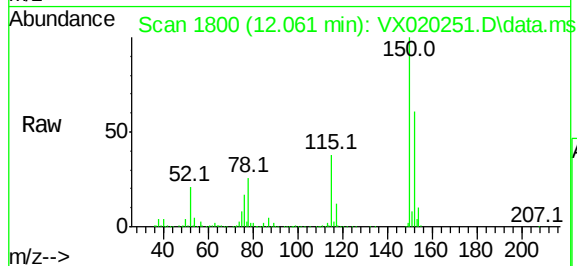
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.1  | 47.4  | 71.2  |
| 119 | 32.0  | 26.6  | 39.8  |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020251.D  
 Acq: 21 Dec 2020 15:39

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 49-MW009(DOB)-121520



Tgt Ion:152 Resp: 175502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 60.8  | 41.1  | 123.3 |
| 150 | 153.8 | 0.0   | 349.0 |

