

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060921\  
 Data File : VX022609.D  
 Acq On : 09 Jun 2021 13:26  
 Operator : JC/MD  
 Sample : M2644-08 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1824-25

Quant Time: Jun 10 05:41:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

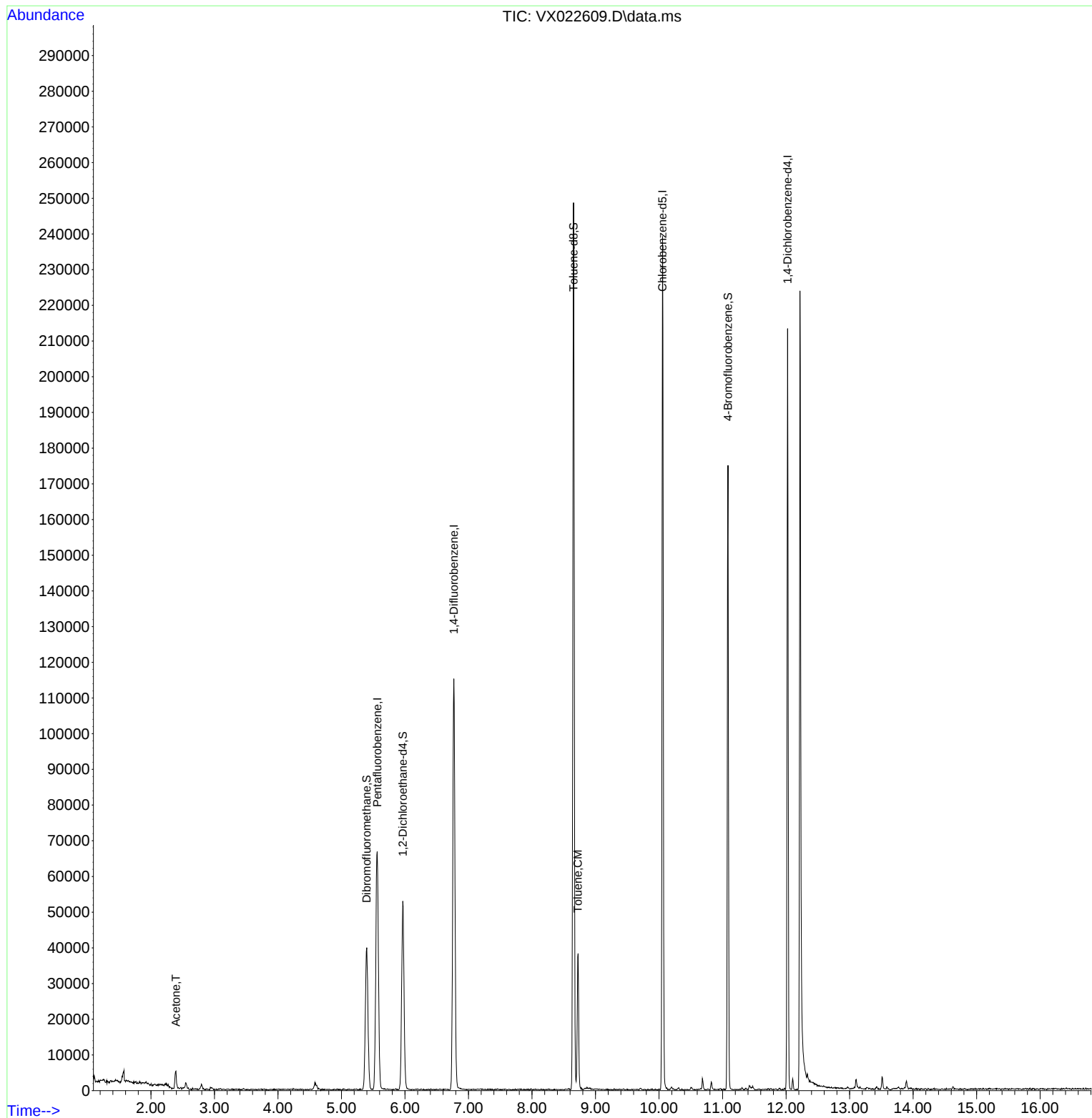
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 56248    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 113301   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 99549    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 37375    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 47896    | 47.899   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.800%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 33660    | 47.483   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.960%  |
| 50) Toluene-d8              | 8.653  | 98    | 140224   | 49.576   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.160%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 46233    | 43.975   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 87.960%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 5345     | 11.896   | ug/l   | 97       |
| 52) Toluene                 | 8.720  | 92    | 13878    | 6.533    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

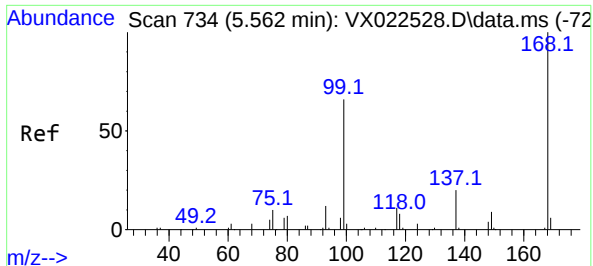
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
1824-25

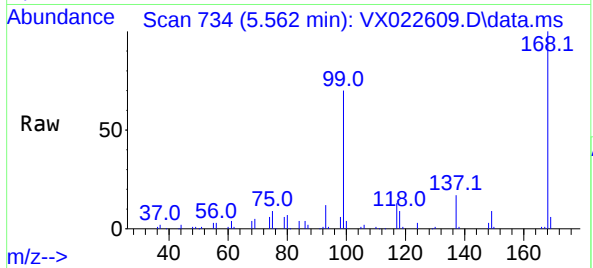
Quant Time: Jun 10 05:41:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration



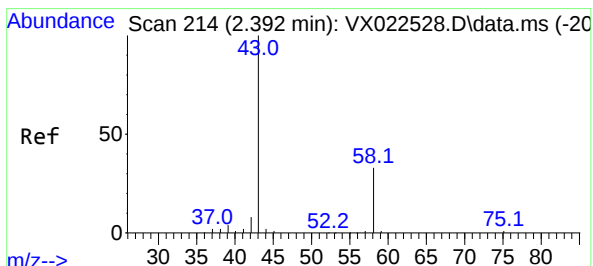
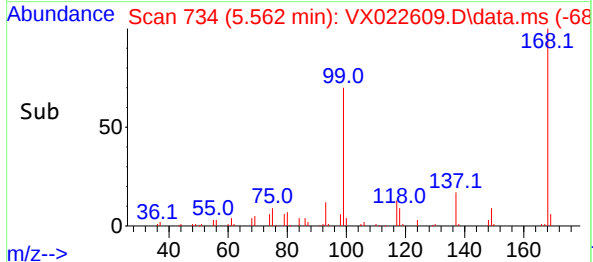
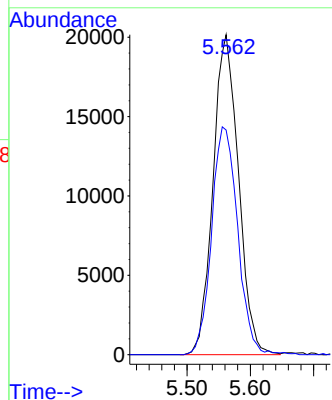


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
1824-25

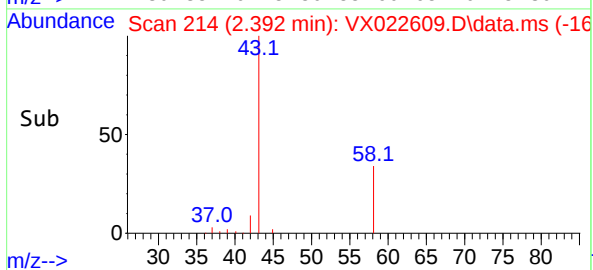
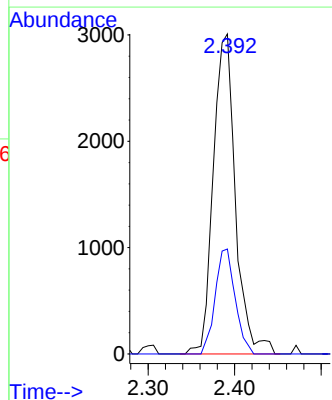
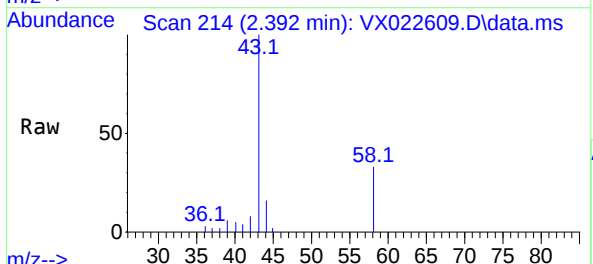


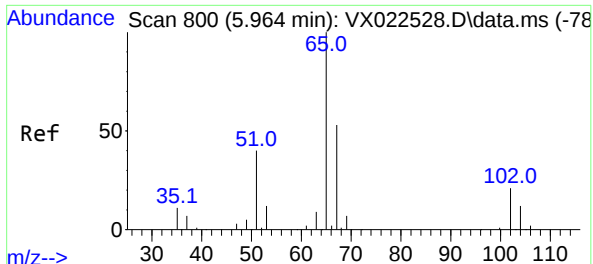
Tgt Ion:168 Resp: 56248  
Ion Ratio Lower Upper  
168 100  
99 70.2 45.8 68.6#



#16  
Acetone  
Concen: 11.896 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Tgt Ion: 43 Resp: 5345  
Ion Ratio Lower Upper  
43 100  
58 32.8 27.8 41.8



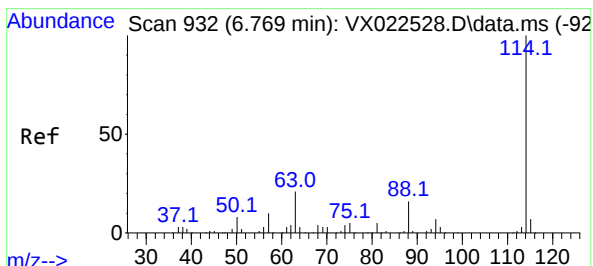
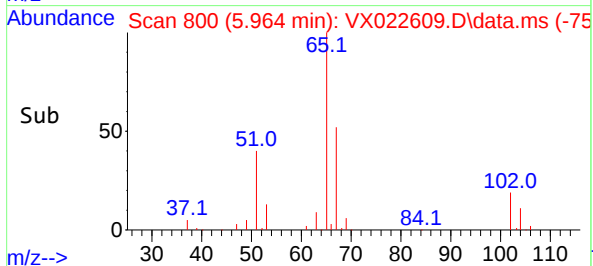
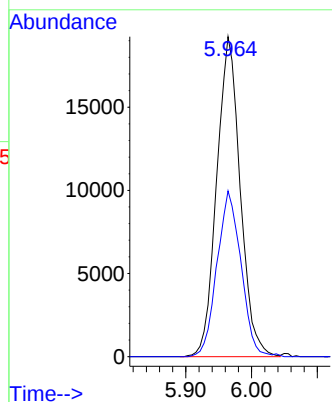
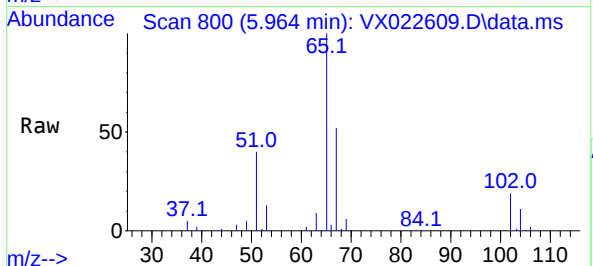


#33

1,2-Dichloroethane-d4  
Concen: 47.899 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Instrument :  
MSVOA\_X  
ClientSampled :  
1824-25

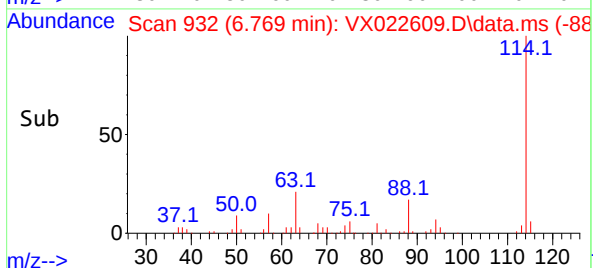
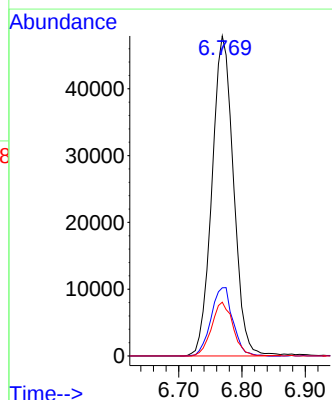
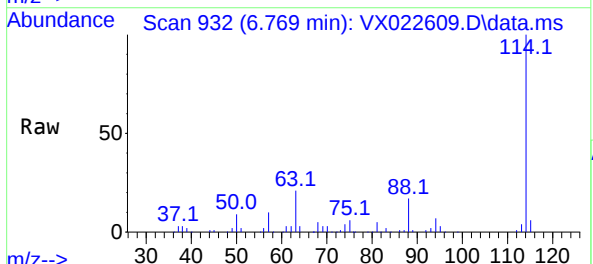
Tgt Ion: 65 Resp: 47896  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.4

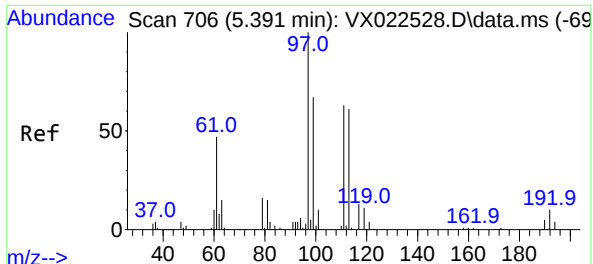


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Tgt Ion: 114 Resp: 113301  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 40.8  
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.483 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022609.D

Acq: 09 Jun 2021 13:26

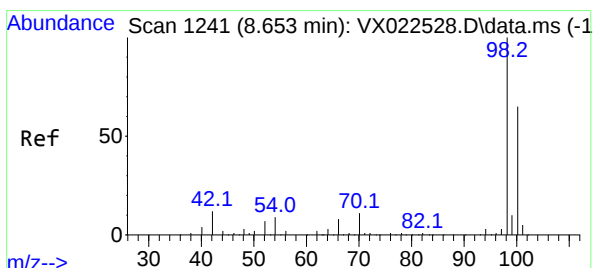
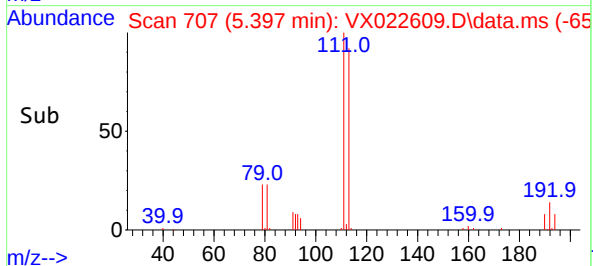
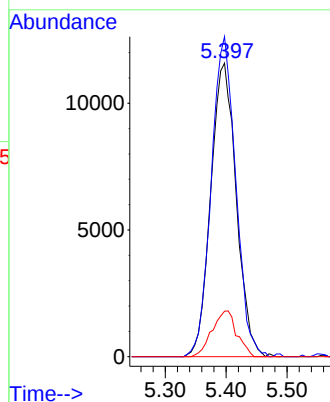
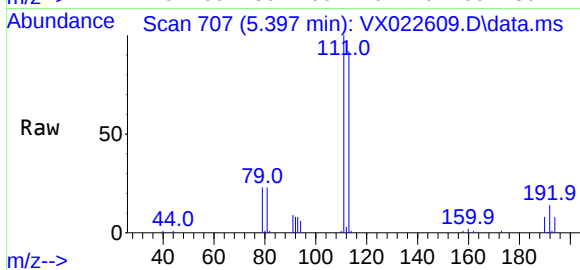
Tgt Ion:113 Resp: 33660

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

192 15.1 16.7 25.1#



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022609.D

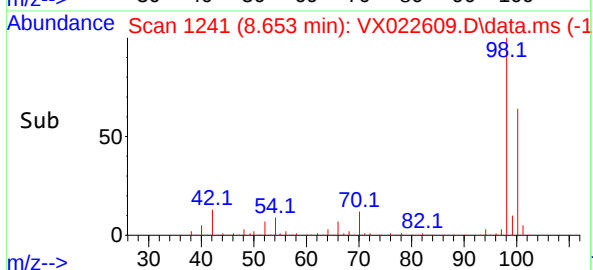
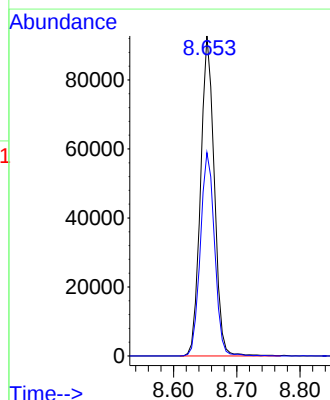
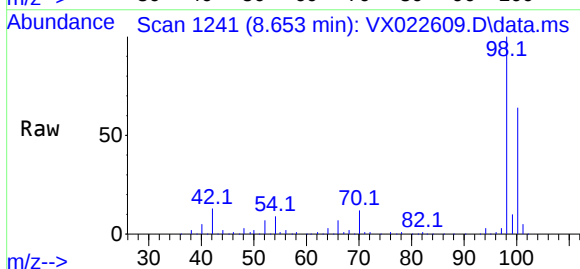
Acq: 09 Jun 2021 13:26

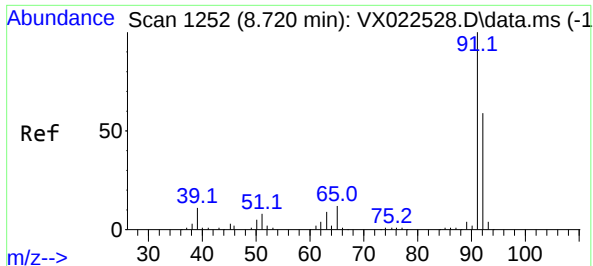
Tgt Ion: 98 Resp: 140224

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

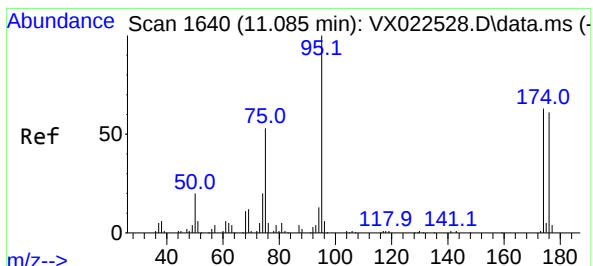
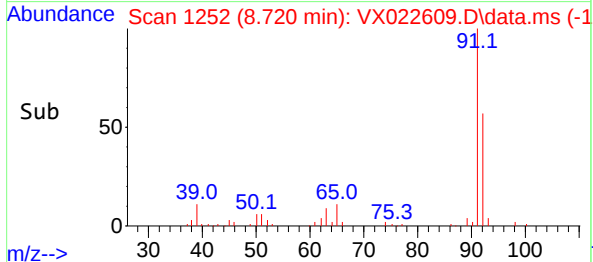
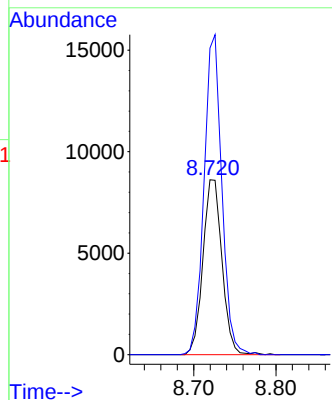
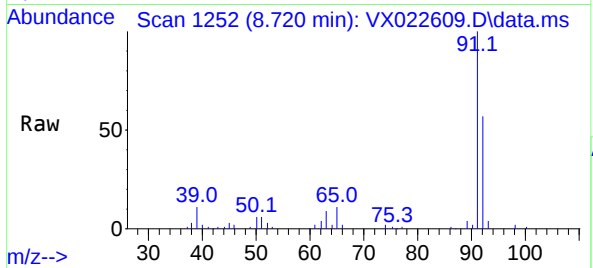




#52  
Toluene  
Concen: 6.533 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

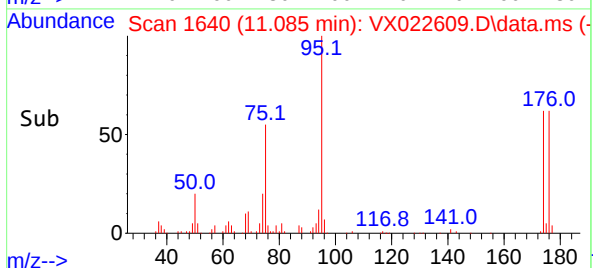
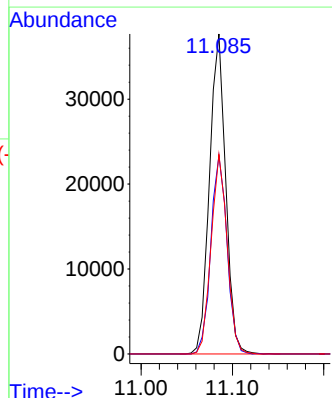
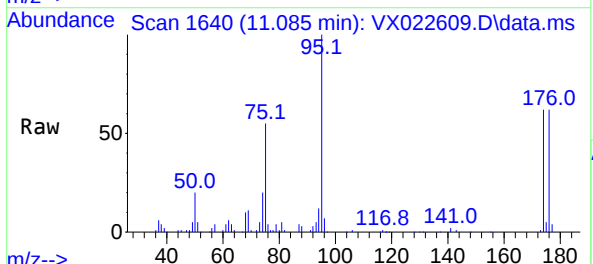
Instrument :  
MSVOA\_X  
ClientSampled :  
1824-25

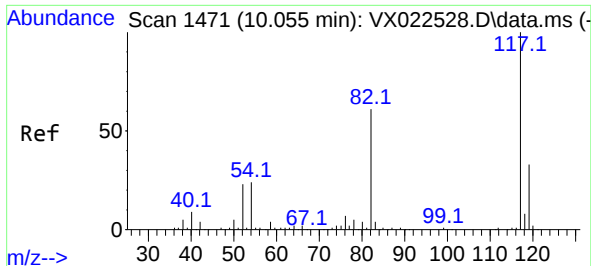
Tgt Ion: 92 Resp: 13878  
Ion Ratio Lower Upper  
92 100  
91 170.3 137.1 205.7



#62  
4-Bromofluorobenzene  
Concen: 43.975 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Tgt Ion: 95 Resp: 46233  
Ion Ratio Lower Upper  
95 100  
174 62.0 0.0 154.6  
176 61.7 0.0 155.8

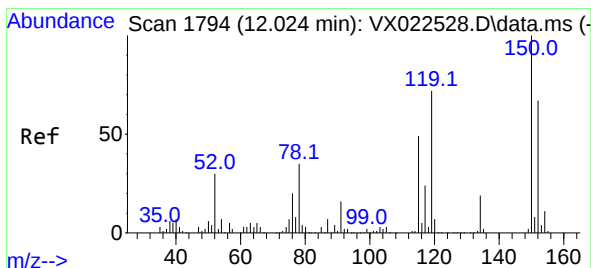
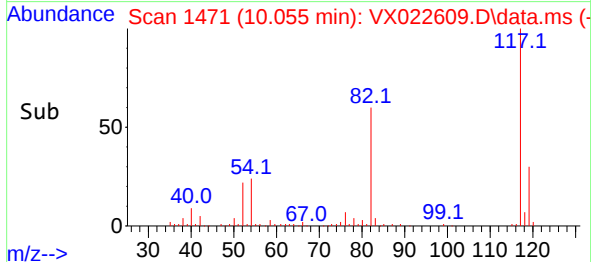
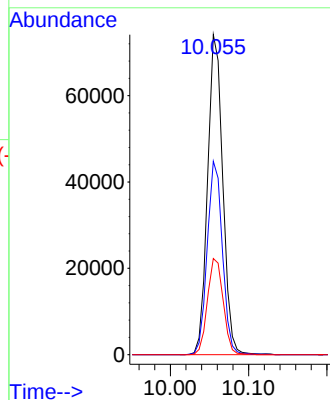
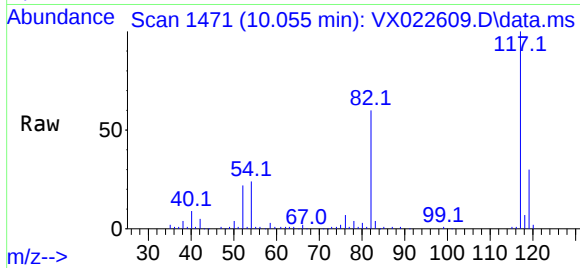




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
1824-25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 99549 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 60.5  | 47.4  | 71.2  |
| 119       | 30.1  | 26.6  | 39.8  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX022609.D  
Acq: 09 Jun 2021 13:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 37375 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 67.8  | 41.1  | 123.3 |
| 150       | 160.3 | 0.0   | 349.0 |

