

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083021\  
 Data File : VX024015.D  
 Acq On : 30 Aug 2021 15:29  
 Operator : JC/MD  
 Sample : M3585-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BO-TT-VPB-RW7-GW-610-612

Quant Time: Aug 31 03:11:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

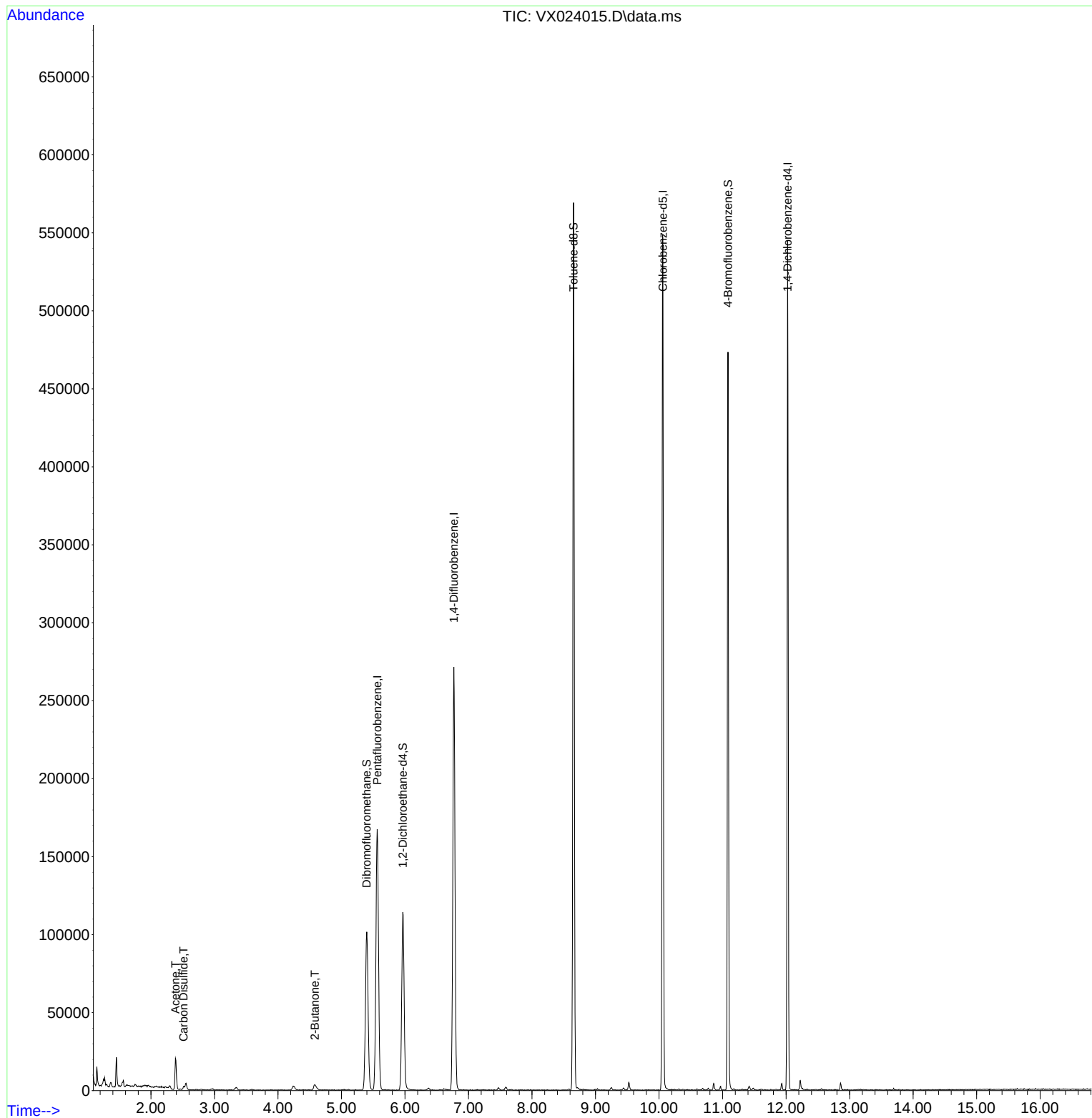
| Compound                    | R.T. QIon      |     | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|----------------|-----|----------|------------|--------|----------|
| -----                       |                |     |          |            |        |          |
| Internal Standards          |                |     |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168 | 154543   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114 | 264256   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.061         | 117 | 247181   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152 | 103444   | 50.000     | ug/l   | 0.00     |
|                             |                |     |          |            |        |          |
| System Monitoring Compounds |                |     |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65  | 114363   | 53.021     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |     | Recovery | = 106.040% |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113 | 87140    | 49.822     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |     | Recovery | = 99.640%  |        |          |
| 50) Toluene-d8              | 8.653          | 98  | 325641   | 48.917     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |     | Recovery | = 97.840%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95  | 120415   | 49.137     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |     | Recovery | = 98.280%  |        |          |
|                             |                |     |          |            |        |          |
| Target Compounds            |                |     |          |            |        | Qvalue   |
| 16) Acetone                 | 2.386          | 43  | 20955    | 21.728     | ug/l   | 92       |
| 17) Carbon Disulfide        | 2.514          | 76  | 2635     | 0.745      | ug/l   | 99       |
| 25) 2-Butanone              | 4.580          | 43  | 5868     | 4.017      | ug/l # | 83       |
| -----                       |                |     |          |            |        |          |

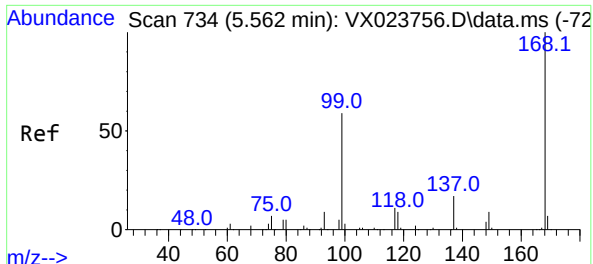
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083021\  
Data File : VX024015.D  
Acq On : 30 Aug 2021 15:29  
Operator : JC/MD  
Sample : M3585-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BO-TT-VPB-RW7-GW-610-612

Quant Time: Aug 31 03:11:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

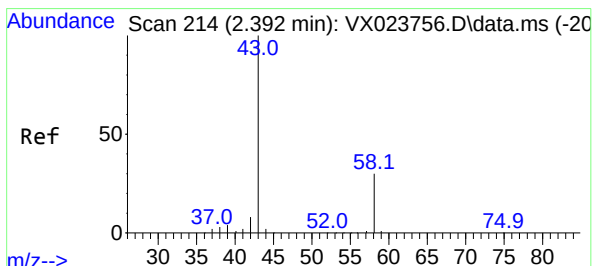
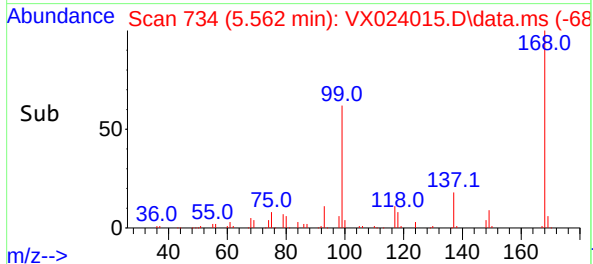
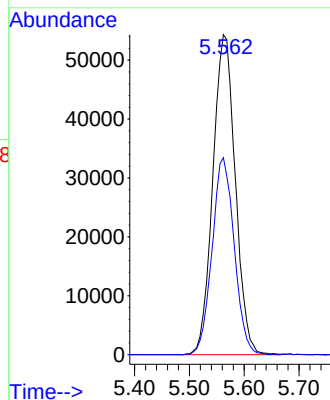
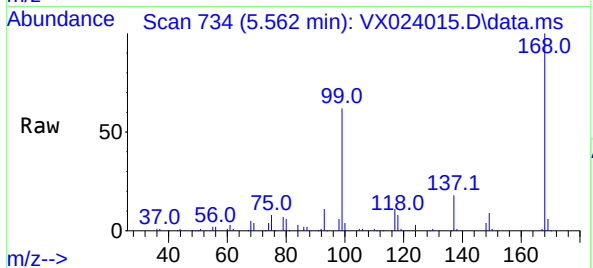




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

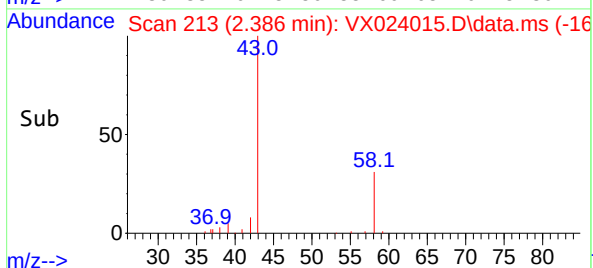
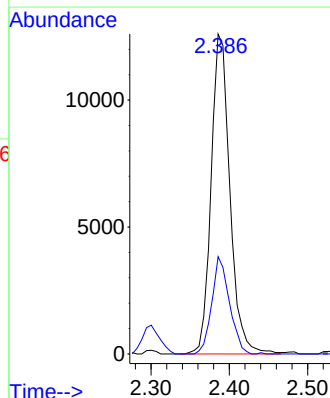
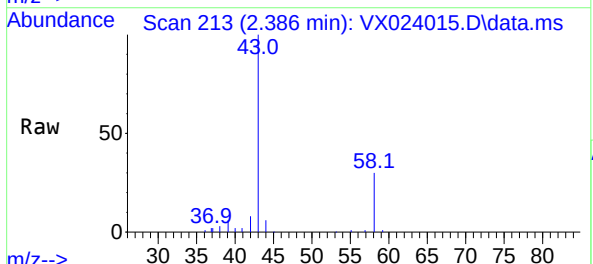
Instrument :  
MSVOA\_X  
ClientSampleId :  
BO-TT-VPB-RW7-GW-610-612

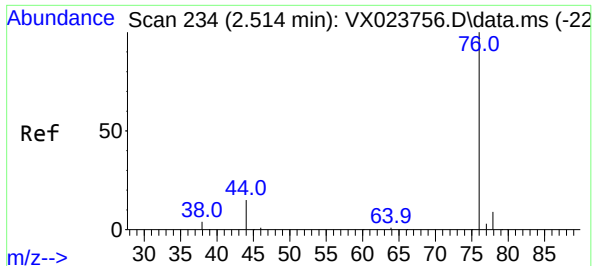
Tgt Ion:168 Resp: 154543  
Ion Ratio Lower Upper  
168 100  
99 61.5 45.8 68.6



#16  
Acetone  
Concen: 21.728 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

Tgt Ion: 43 Resp: 20955  
Ion Ratio Lower Upper  
43 100  
58 30.4 27.8 41.8

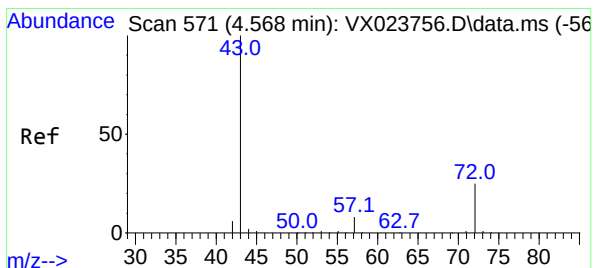
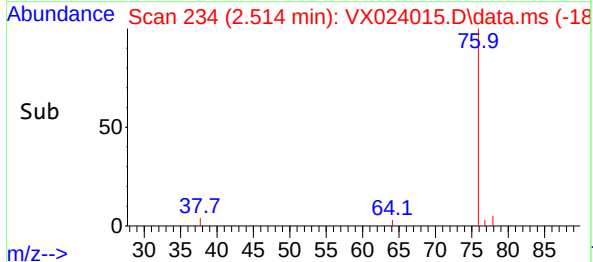
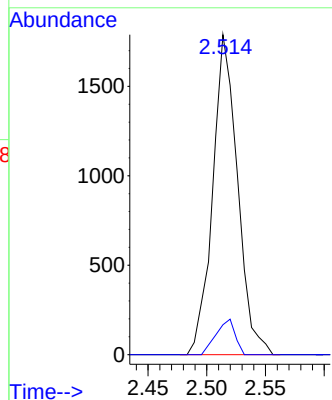
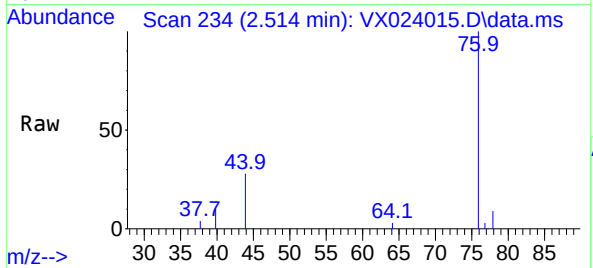




#17  
Carbon Disulfide  
Concen: 0.745 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

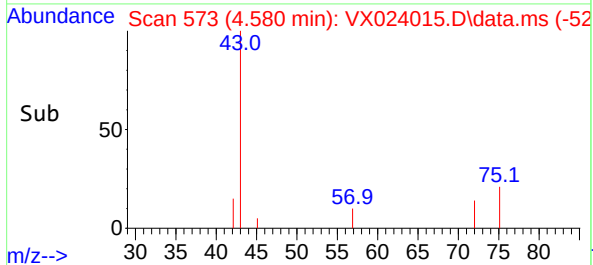
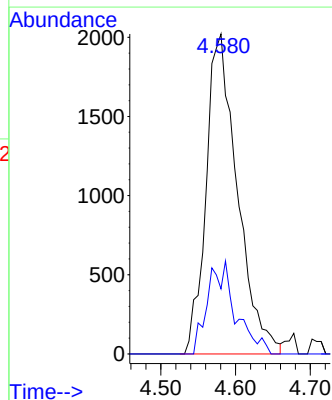
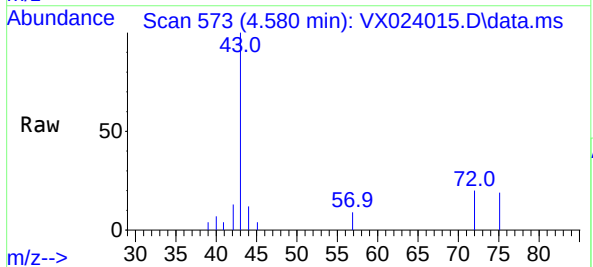
Instrument :  
MSVOA\_X  
ClientSampleId :  
BO-TT-VPB-RW7-GW-610-612

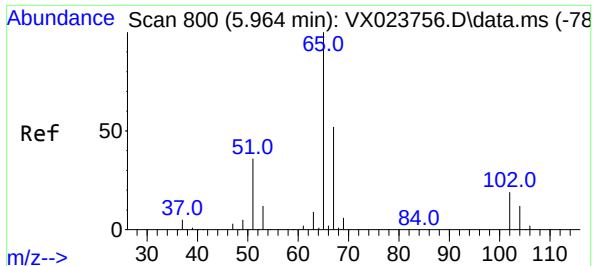
Tgt Ion: 76 Resp: 2635  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#25  
2-Butanone  
Concen: 4.017 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

Tgt Ion: 43 Resp: 5868  
Ion Ratio Lower Upper  
43 100  
72 20.3 23.7 35.5#

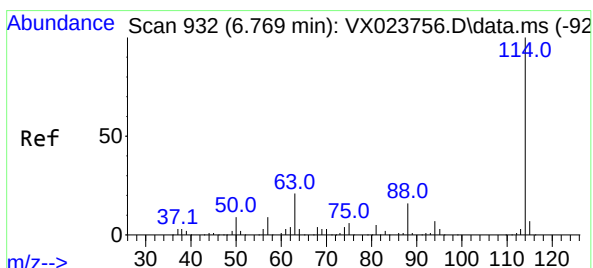
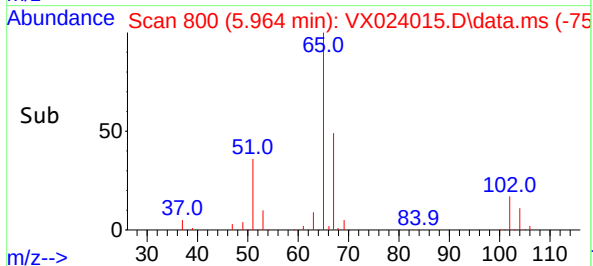
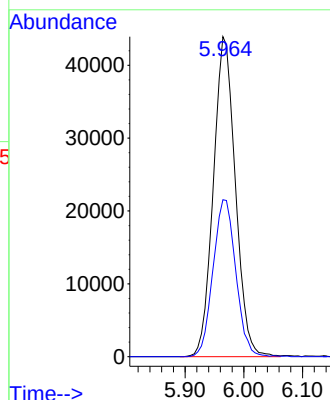
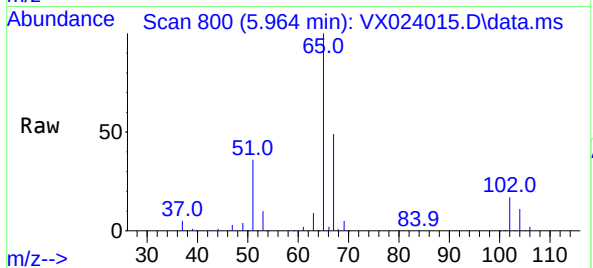




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.021 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX024015.D  
 Acq: 30 Aug 2021 15:29

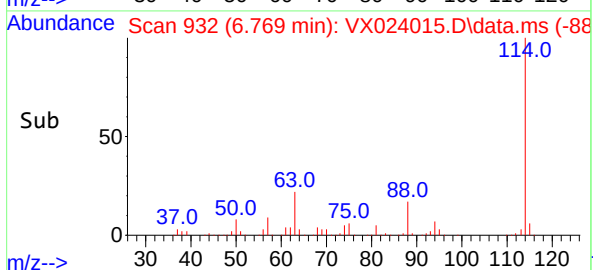
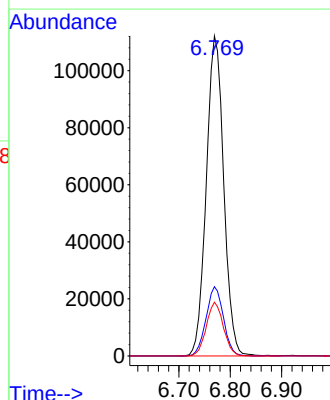
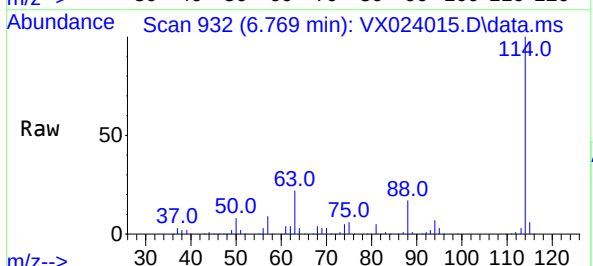
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BO-TT-VPB-RW7-GW-610-612

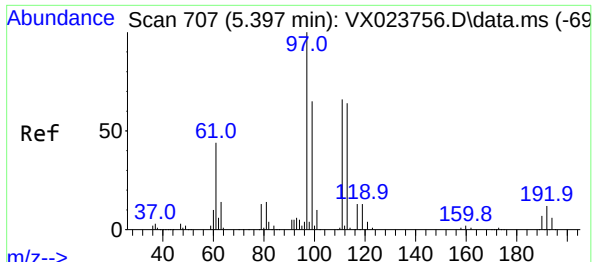
Tgt Ion: 65 Resp: 114363  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX024015.D  
 Acq: 30 Aug 2021 15:29

Tgt Ion: 114 Resp: 264256  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 40.8  
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.822 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024015.D

Acq: 30 Aug 2021 15:29

Instrument :

MSVOA\_X

ClientSampleId :

BO-TT-VPB-RW7-GW-610-612

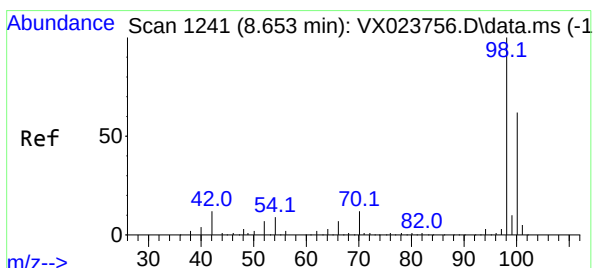
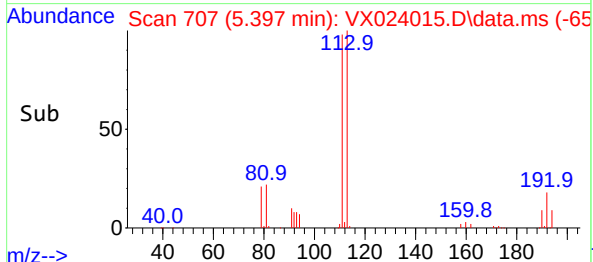
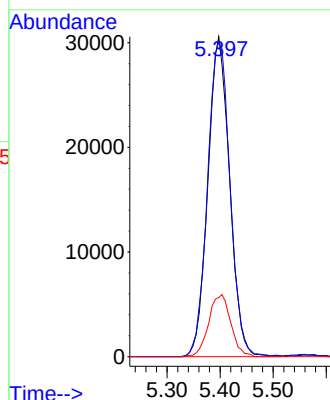
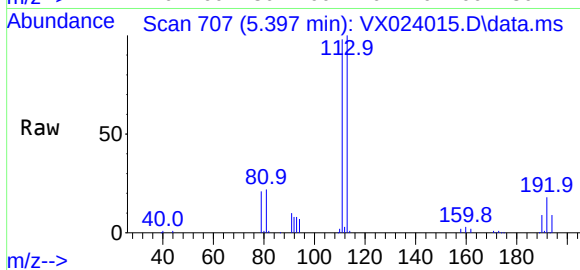
Tgt Ion:113 Resp: 87140

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 19.7 16.7 25.1



#50

Toluene-d8

Concen: 48.917 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024015.D

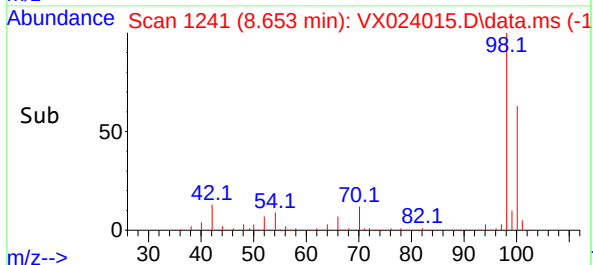
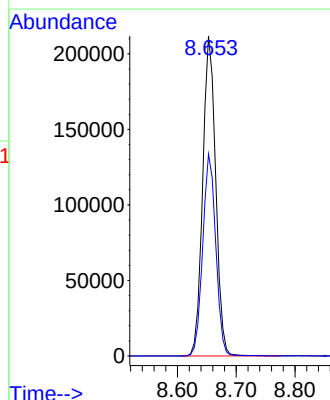
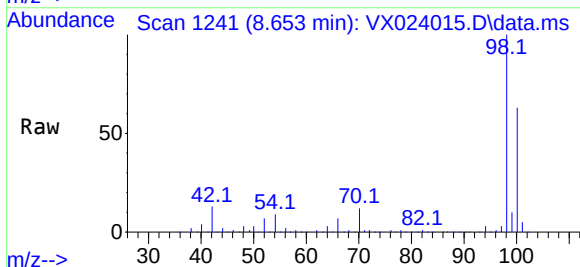
Acq: 30 Aug 2021 15:29

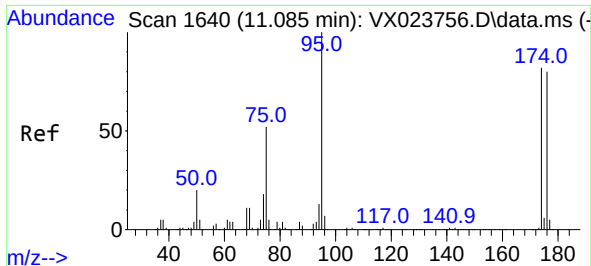
Tgt Ion: 98 Resp: 325641

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9

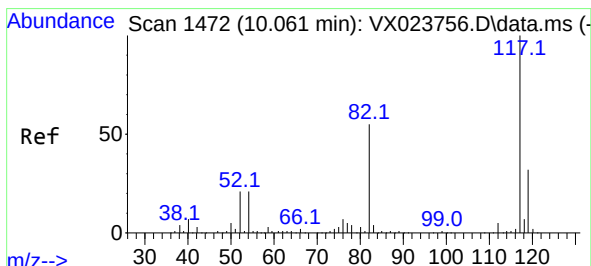
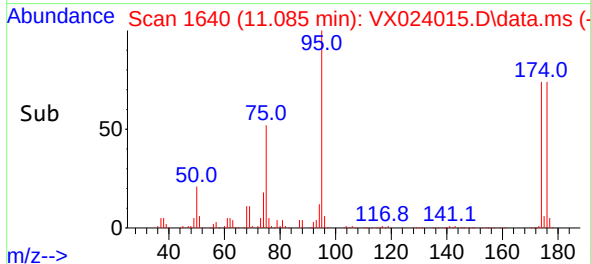
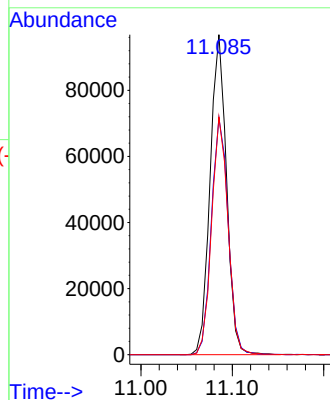
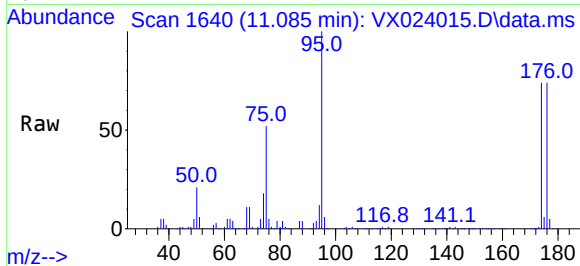




#62  
4-Bromofluorobenzene  
Concen: 49.137 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

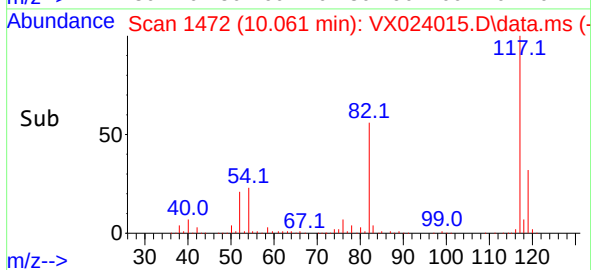
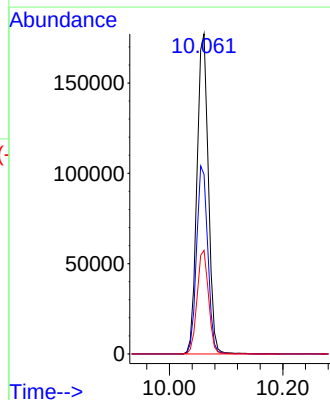
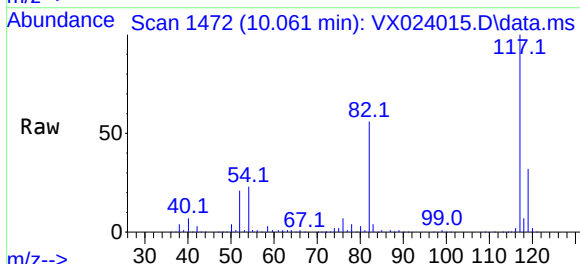
Instrument :  
MSVOA\_X  
ClientSampleId :  
BO-TT-VPB-RW7-GW-610-612

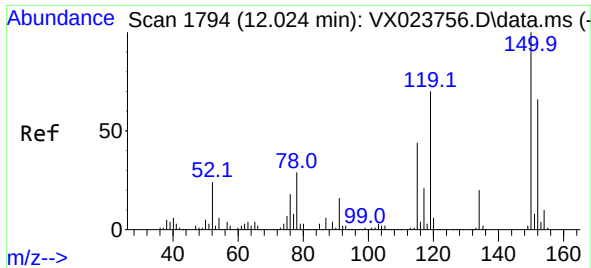
Tgt Ion: 95 Resp: 120415  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 154.6  
176 74.4 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024015.D  
Acq: 30 Aug 2021 15:29

Tgt Ion: 117 Resp: 247181  
Ion Ratio Lower Upper  
117 100  
82 56.1 47.4 71.2  
119 32.3 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: VX024015.D  
 Acq: 30 Aug 2021 15:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BO-TT-VPB-RW7-GW-610-612

Tgt Ion:152 Resp: 103444  
 Ion Ratio Lower Upper  
 152 100  
 115 61.8 41.1 123.3  
 150 158.4 0.0 349.0

