

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
 Data File : VX022370.D  
 Acq On : 03 Jun 2021 16:47  
 Operator : JC/MD  
 Sample : M2577-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OF-2

Quant Time: Jun 04 03:52:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

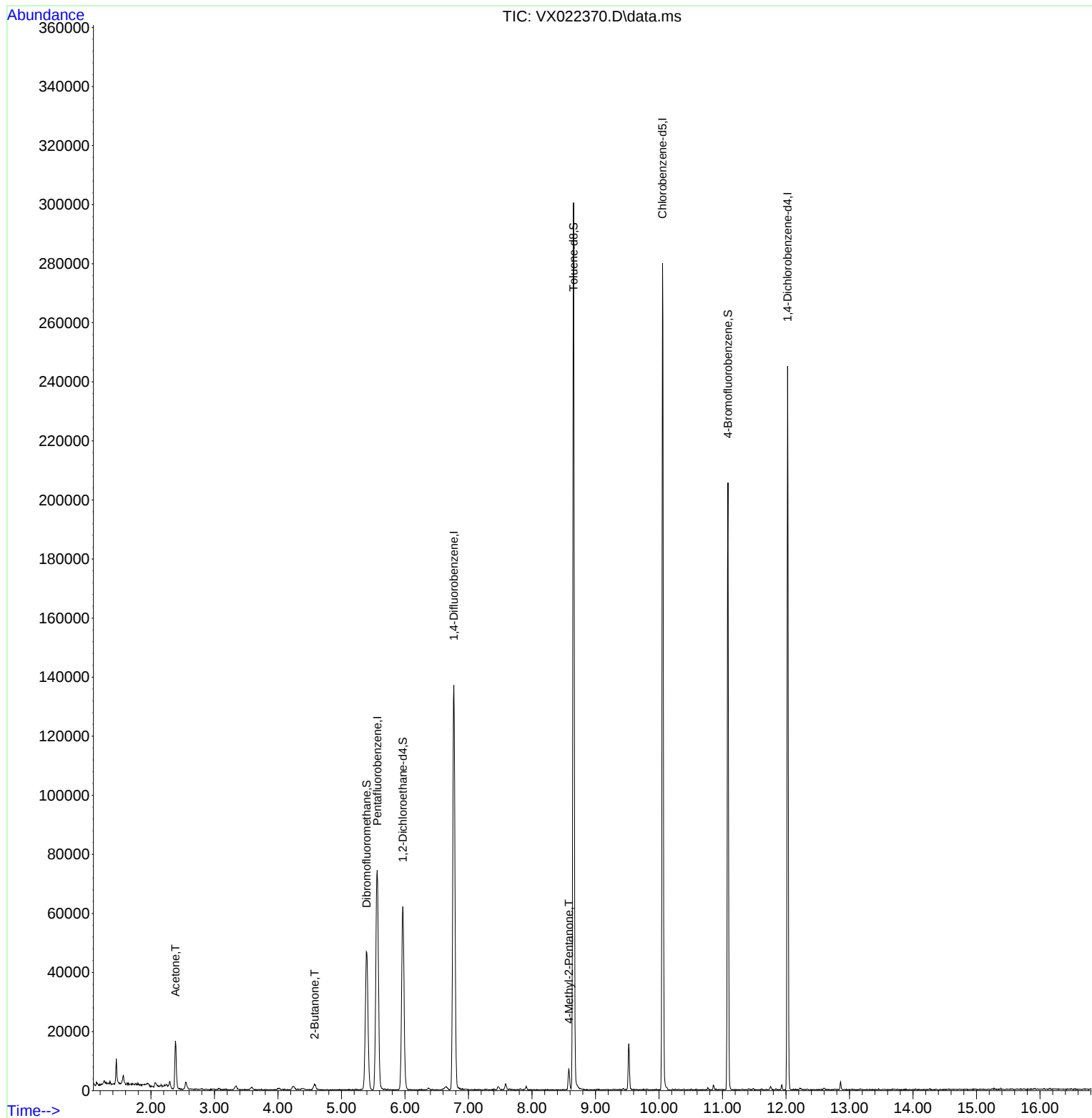
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 64718    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 138677   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 121034   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 44058    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 56454    | 56.549   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 113.100% |
| 35) Dibromofluoromethane    | 5.398     | 113   | 41649    | 47.359   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 94.720%  |
| 50) Toluene-d8              | 8.653     | 98    | 168269   | 49.671   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 99.340%  |
| 62) 4-Bromofluorobenzene    | 11.086    | 95    | 56319    | 44.978   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 89.960%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 17091    | 39.317   | ug/l  | 96       |
| 25) 2-Butanone              | 4.574     | 43    | 3499     | 4.975    | ug/l  | 91       |
| 51) 4-Methyl-2-Pentanone    | 8.580     | 43    | 4508     | 2.927    | ug/l  | 89       |
| -----                       |           |       |          |          |       |          |

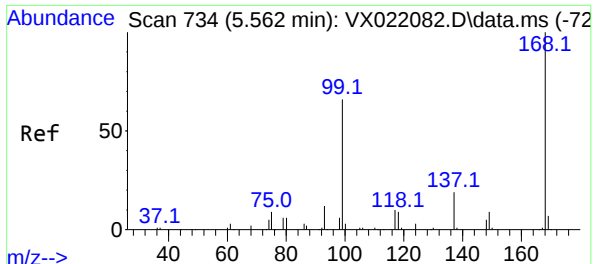
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
Data File : VX022370.D  
Acq On : 03 Jun 2021 16:47  
Operator : JC/MD  
Sample : M2577-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OF-2

Quant Time: Jun 04 03:52:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

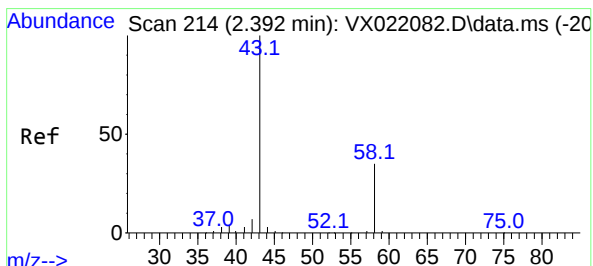
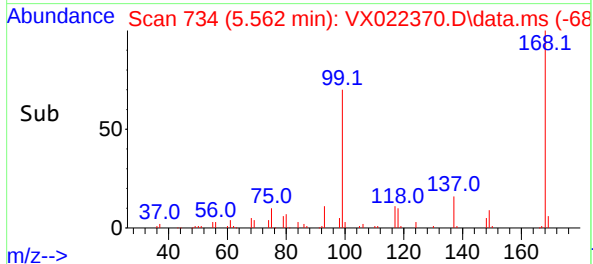
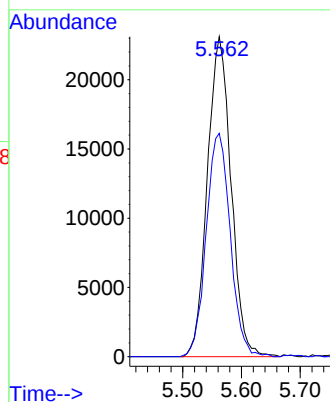
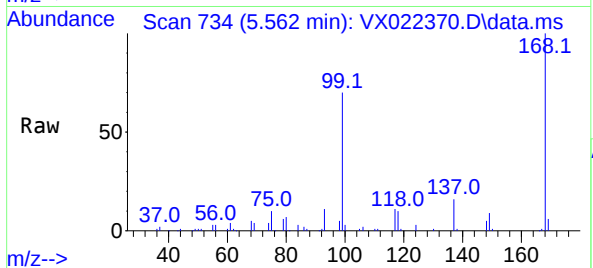




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

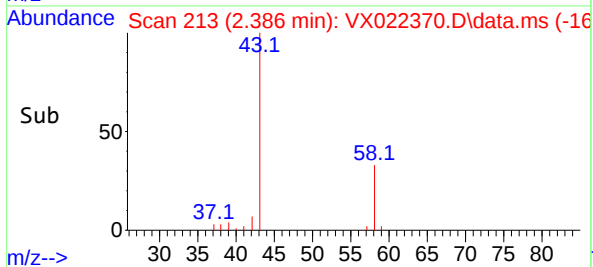
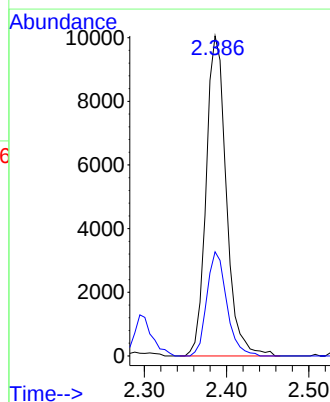
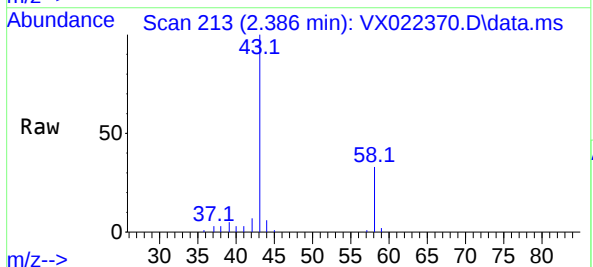
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-2

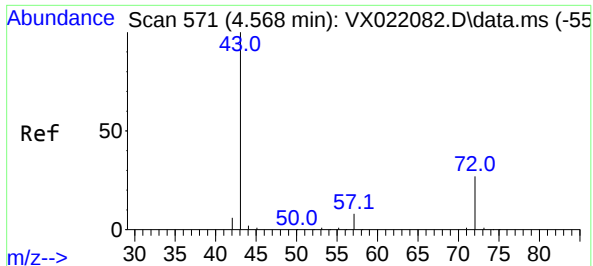
Tgt Ion:168 Resp: 64718  
Ion Ratio Lower Upper  
168 100  
99 69.8 45.8 68.6#



#16  
Acetone  
Concen: 39.317 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

Tgt Ion: 43 Resp: 17091  
Ion Ratio Lower Upper  
43 100  
58 32.6 27.8 41.8

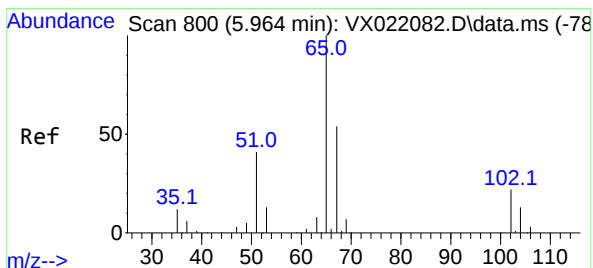
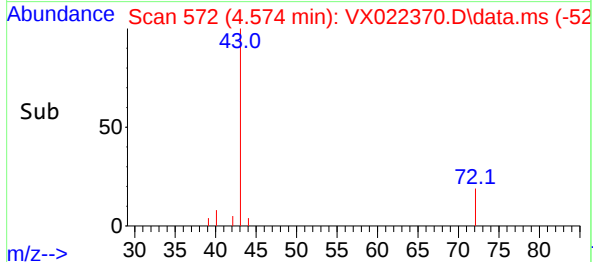
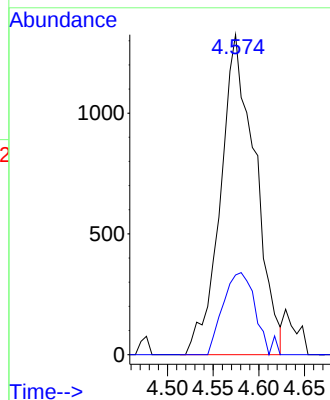
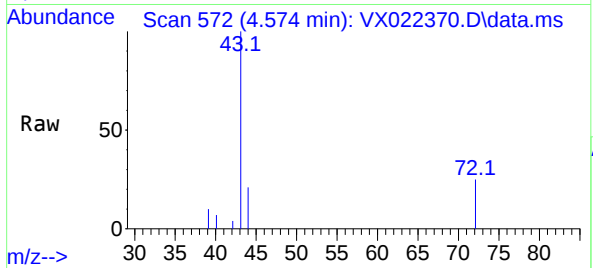




#25  
2-Butanone  
Concen: 4.975 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

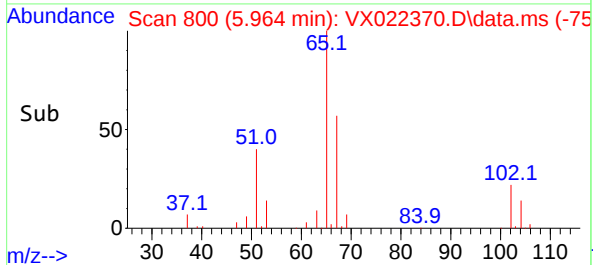
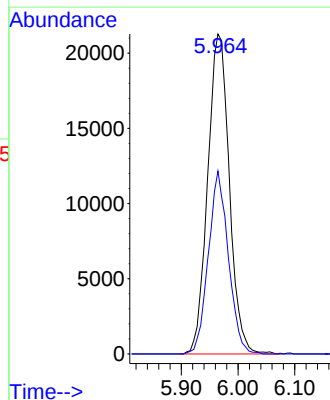
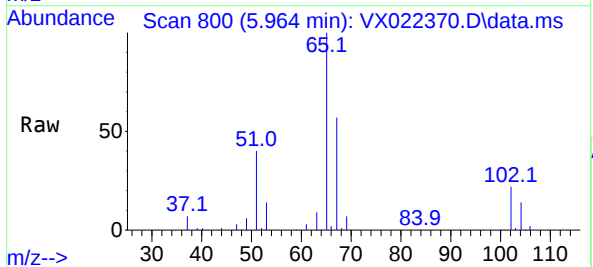
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-2

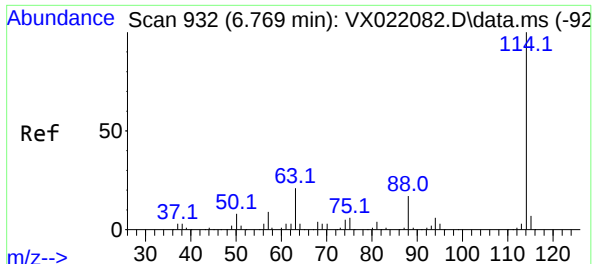
Tgt Ion: 43 Resp: 3499  
Ion Ratio Lower Upper  
43 100  
72 24.9 23.7 35.5



#33  
1,2-Dichloroethane-d4  
Concen: 56.549 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

Tgt Ion: 65 Resp: 56454  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.4

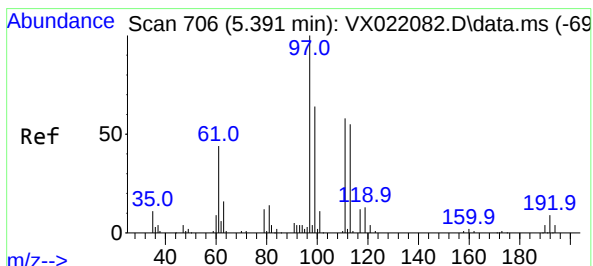
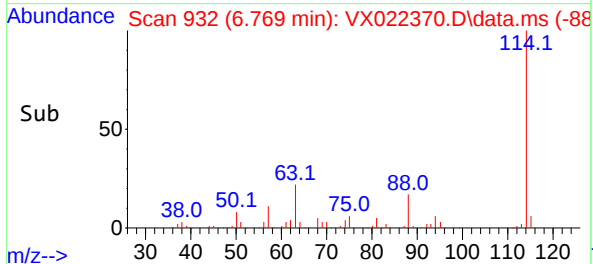
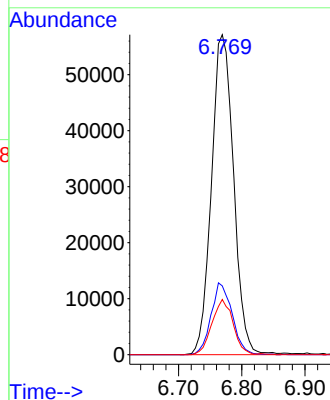
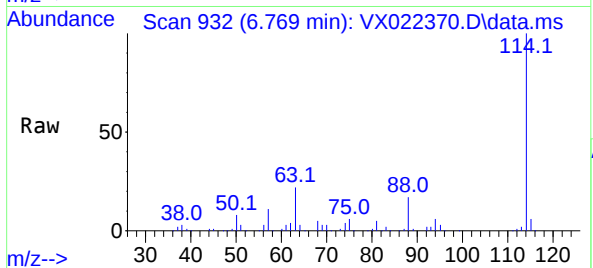




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

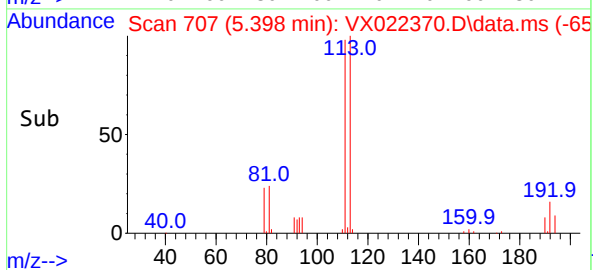
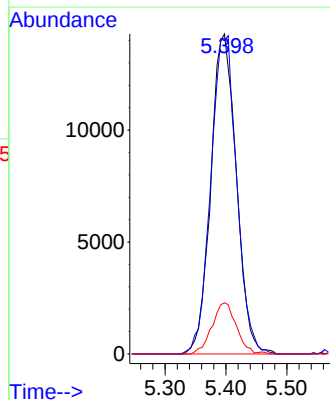
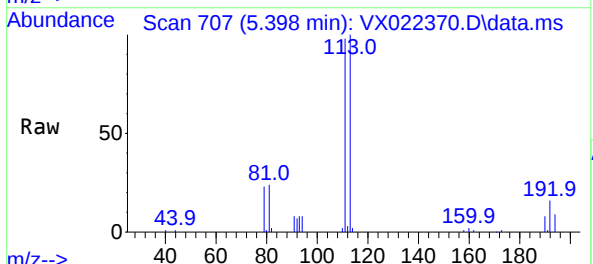
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-2

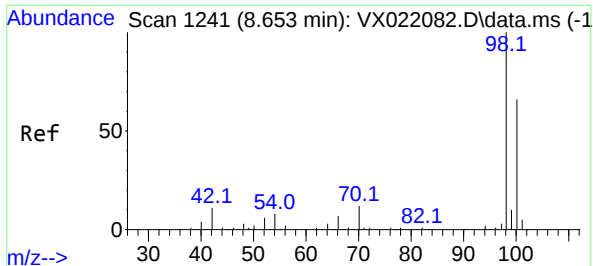
Tgt Ion:114 Resp: 138677  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 40.8  
88 17.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.359 ug/l  
RT: 5.398 min Scan# 707  
Delta R.T. 0.007 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

Tgt Ion:113 Resp: 41649  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.9 122.9  
192 15.2 16.7 25.1#

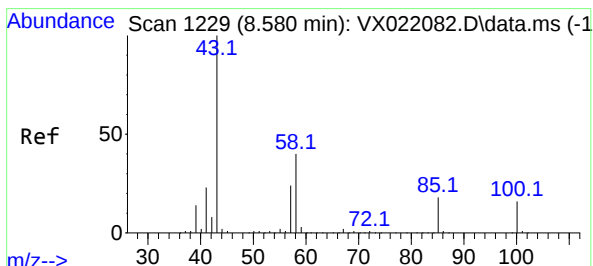
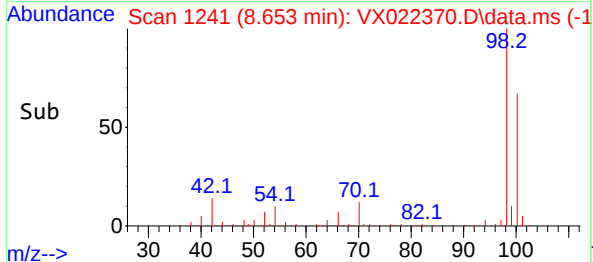
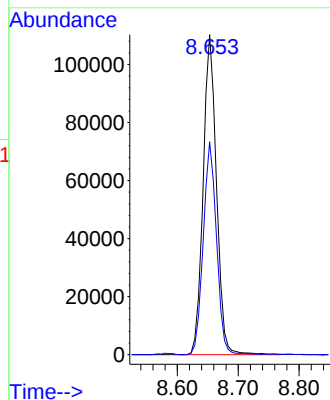
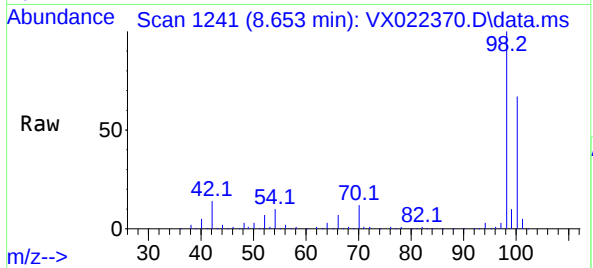




#50  
Toluene-d8  
Concen: 49.671 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

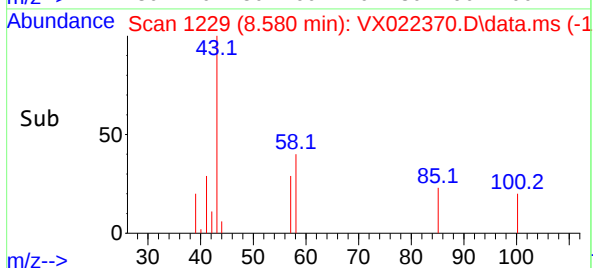
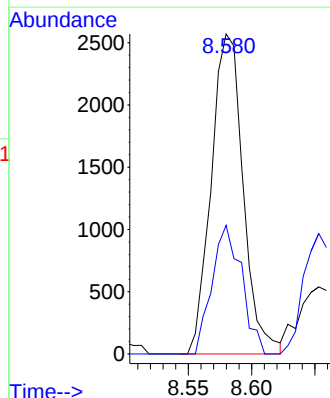
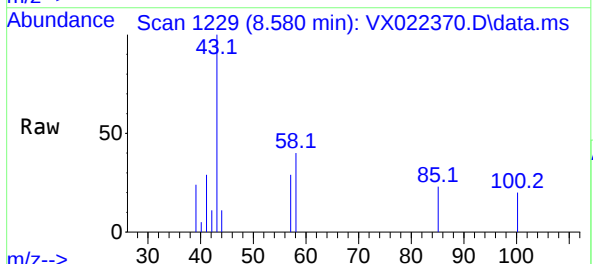
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-2

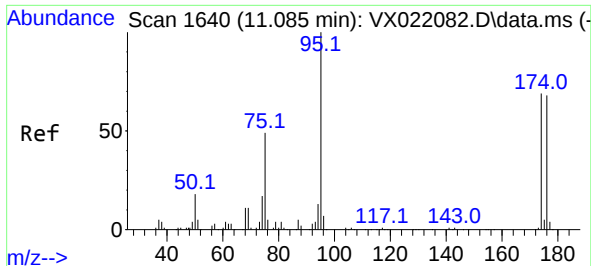
Tgt Ion: 98 Resp: 168269  
Ion Ratio Lower Upper  
98 100  
100 66.2 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 2.927 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

Tgt Ion: 43 Resp: 4508  
Ion Ratio Lower Upper  
43 100  
58 37.3 35.4 53.0

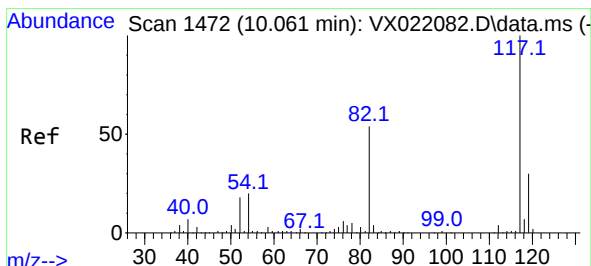
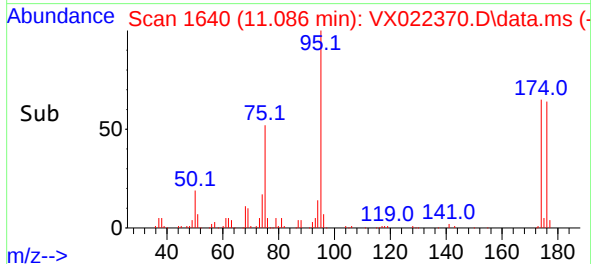
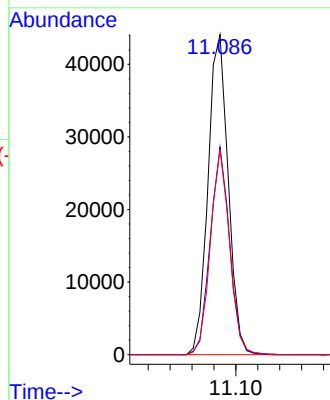
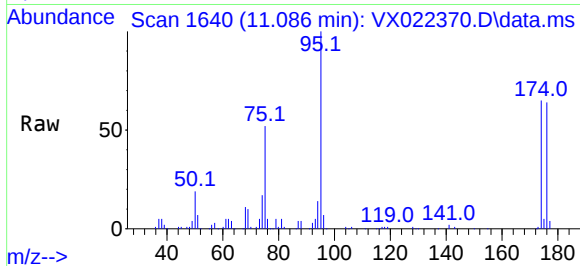




#62  
4-Bromofluorobenzene  
Concen: 44.978 ug/l  
RT: 11.086 min Scan# 1640  
Delta R.T. 0.001 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

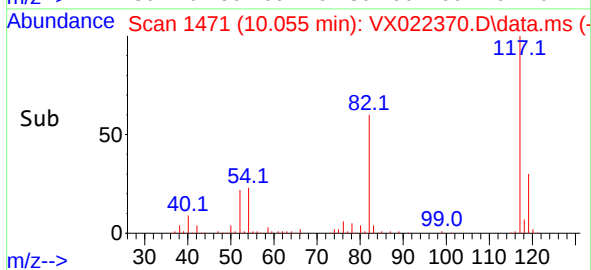
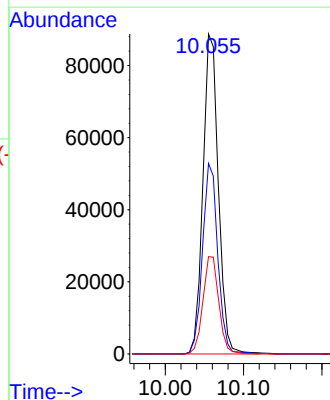
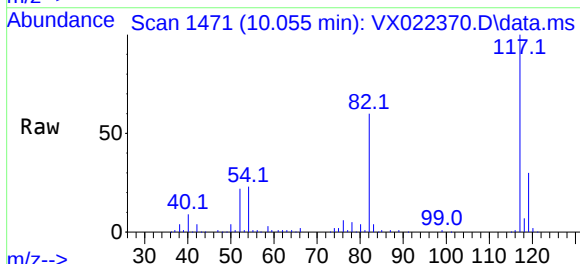
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-2

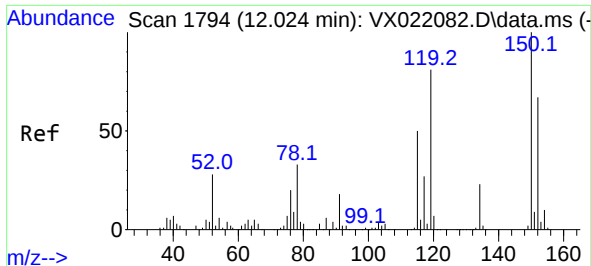
Tgt Ion: 95 Resp: 56319  
Ion Ratio Lower Upper  
95 100  
174 62.2 0.0 154.6  
176 60.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022370.D  
Acq: 03 Jun 2021 16:47

Tgt Ion: 117 Resp: 121034  
Ion Ratio Lower Upper  
117 100  
82 59.6 47.4 71.2  
119 30.4 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: VX022370.D  
 Acq: 03 Jun 2021 16:47

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 OF-2

Tgt Ion:152 Resp: 44058  
 Ion Ratio Lower Upper  
 152 100  
 115 67.0 41.1 123.3  
 150 160.8 0.0 349.0

