

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080521\  
 Data File : VX023575.D  
 Acq On : 05 Aug 2021 16:13  
 Operator : JC/MD  
 Sample : M3298-05 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1928-1930

Quant Time: Aug 06 03:24:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

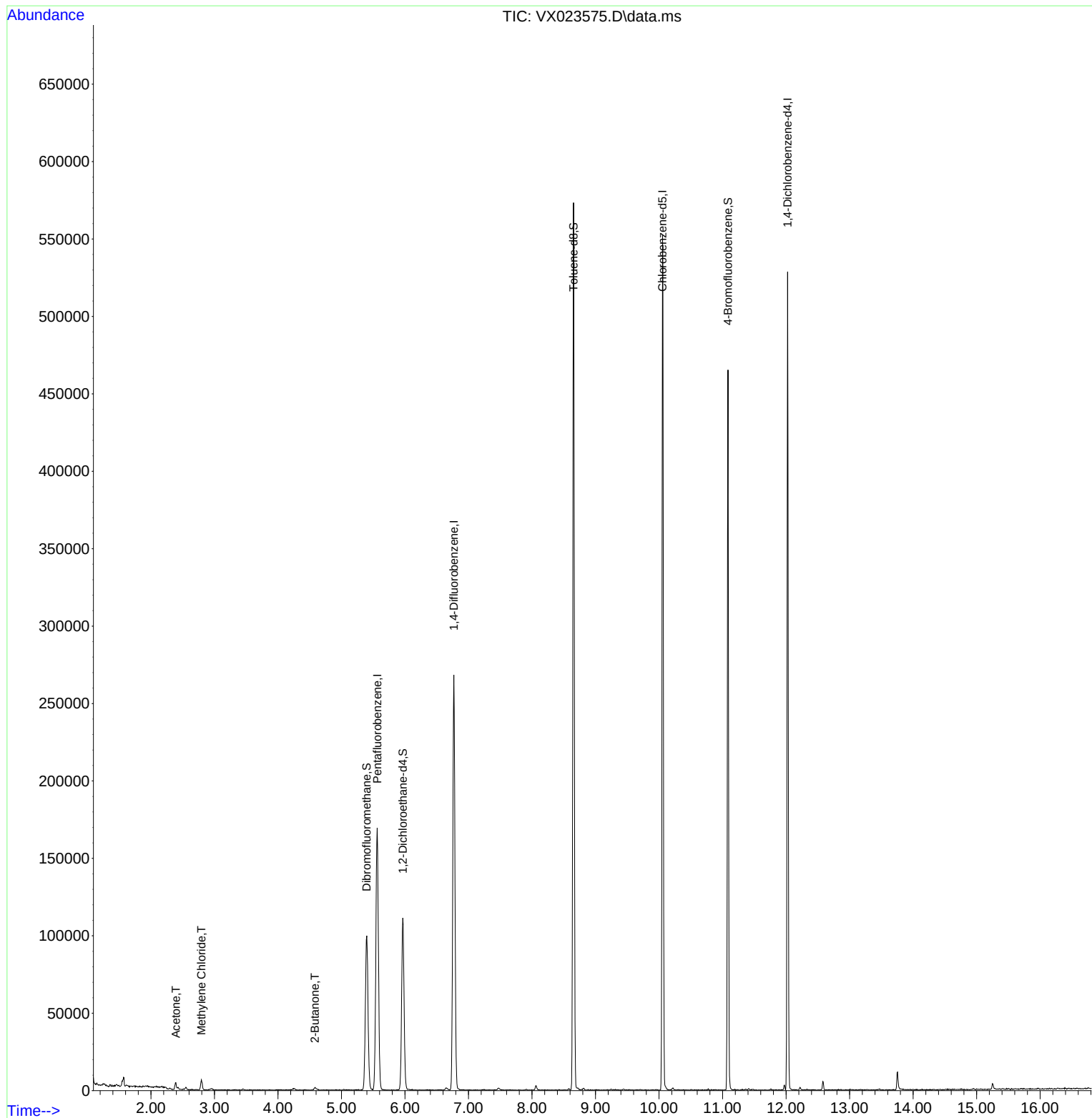
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 160103   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 267302   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 247412   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 105216   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 106174   | 53.163   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 106.320% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 85347    | 51.066   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 102.140% |
| 50) Toluene-d8              | 8.653     | 98    | 327433   | 53.325   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 106.640% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 112435   | 53.849   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 107.700% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 5004     | 5.108    | ug/l # | 78       |
| 20) Methylene Chloride      | 2.794     | 84    | 2750     | 1.443    | ug/l # | 82       |
| 25) 2-Butanone              | 4.580     | 43    | 1766     | 1.161    | ug/l # | 73       |
| -----                       |           |       |          |          |        |          |

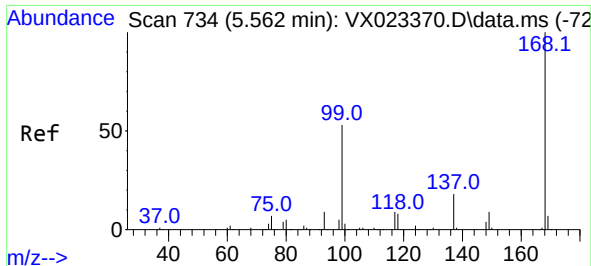
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080521\  
Data File : VX023575.D  
Acq On : 05 Aug 2021 16:13  
Operator : JC/MD  
Sample : M3298-05 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1928-1930

Quant Time: Aug 06 03:24:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 06:05:38 2021  
Response via : Initial Calibration

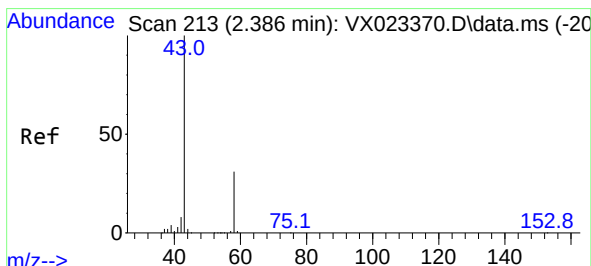
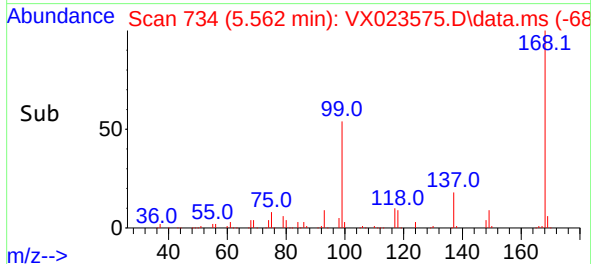
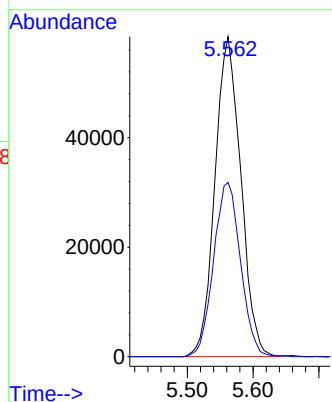
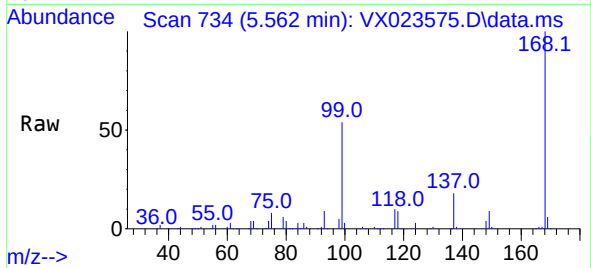




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

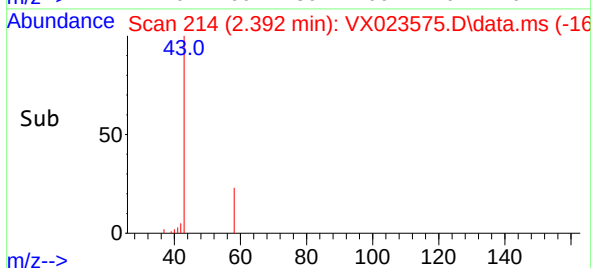
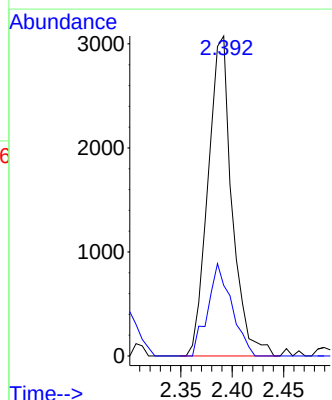
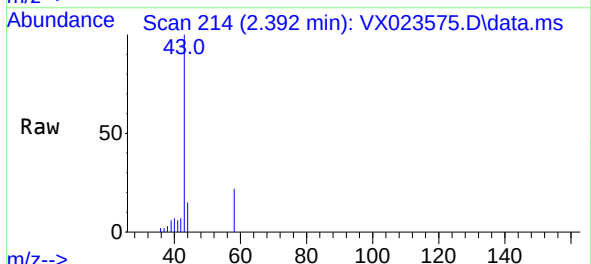
Instrument :  
MSVOA\_X  
ClientSampleId :  
1928-1930

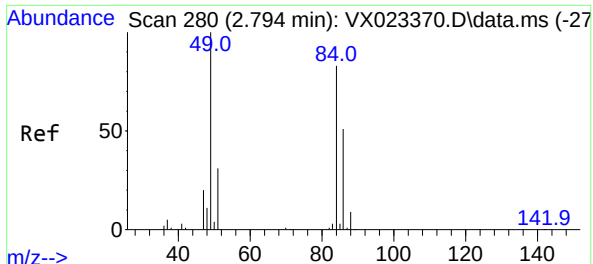
Tgt Ion:168 Resp: 160103  
Ion Ratio Lower Upper  
168 100  
99 54.5 45.8 68.6



#16  
Acetone  
Concen: 5.108 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 43 Resp: 5004  
Ion Ratio Lower Upper  
43 100  
58 22.0 27.8 41.8#



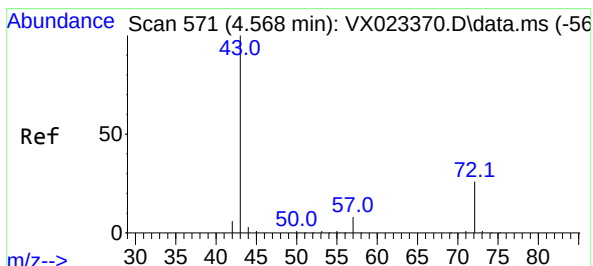
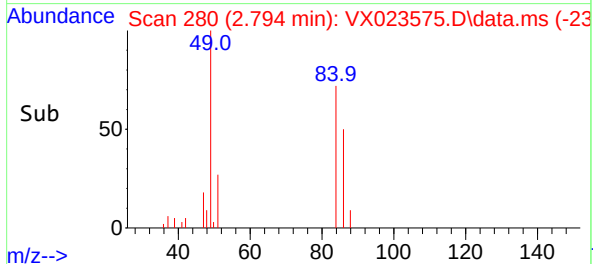
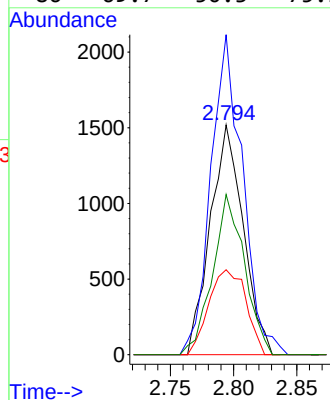
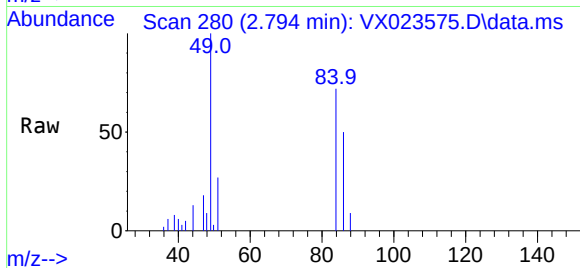


#20  
Methylene Chloride  
Concen: 1.443 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Instrument :  
MSVOA\_X  
ClientSampled :  
1928-1930

Tgt Ion: 84 Resp: 2750

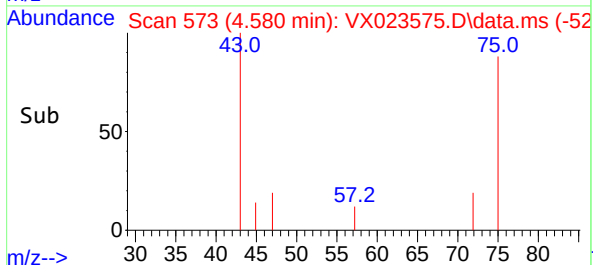
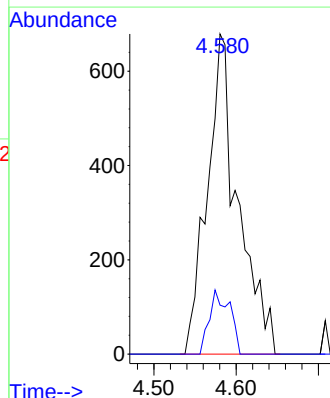
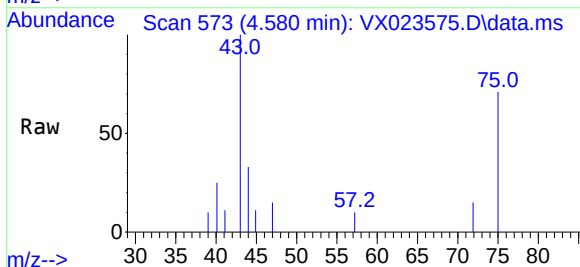
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 139.2 | 88.6  | 132.8# |
| 51  | 37.0  | 27.0  | 40.6   |
| 86  | 69.7  | 50.3  | 75.5   |

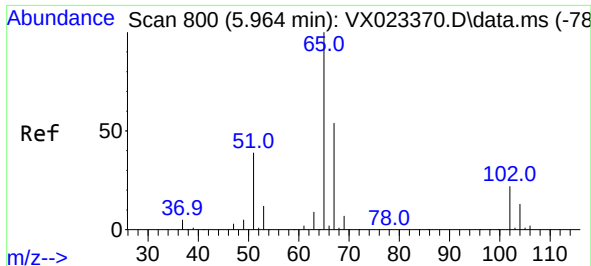


#25  
2-Butanone  
Concen: 1.161 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 43 Resp: 1766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 15.3  | 23.7  | 35.5# |



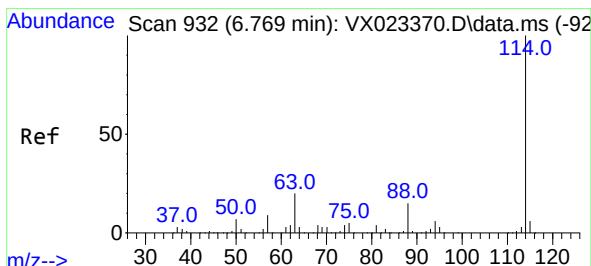
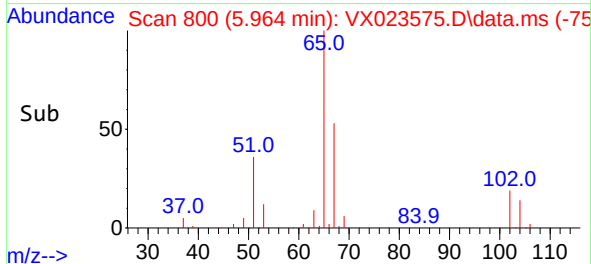
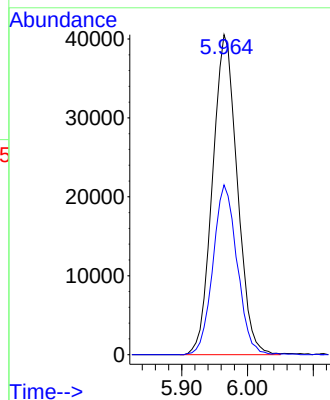
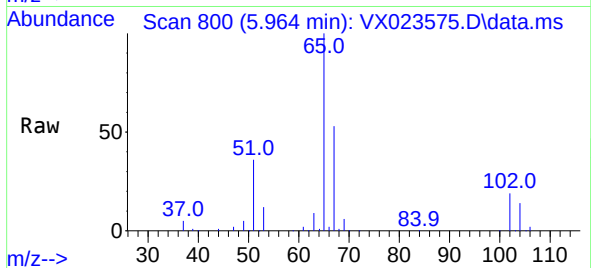


#33

1,2-Dichloroethane-d4  
Concen: 53.163 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 65 Resp: 106174  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 105.4

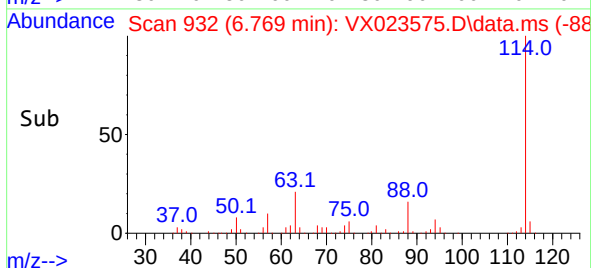
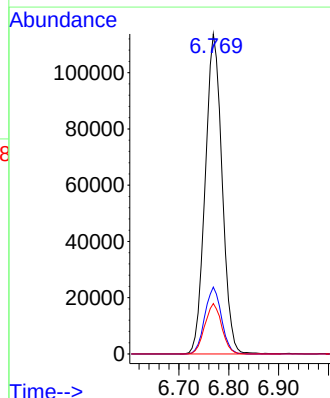
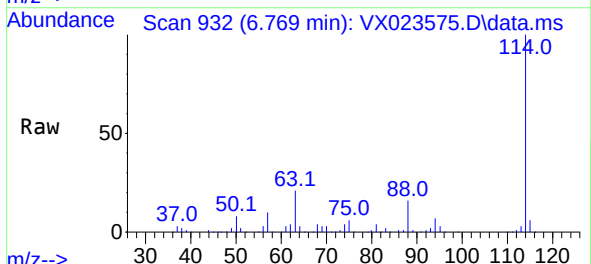
Instrument :  
MSVOA\_X  
ClientSampled :  
1928-1930

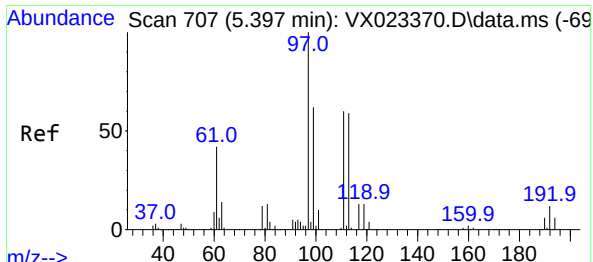


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 114 Resp: 267302  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 40.8  
88 15.7 0.0 32.8

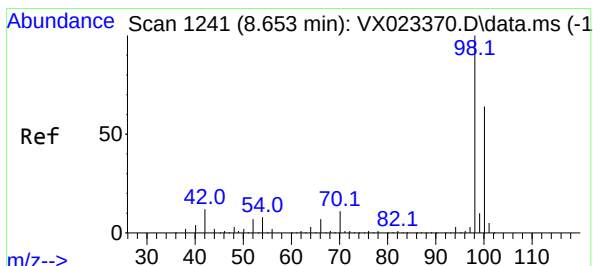
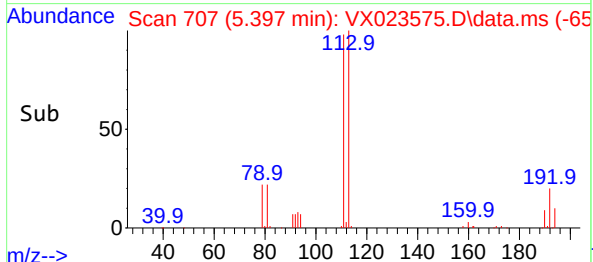
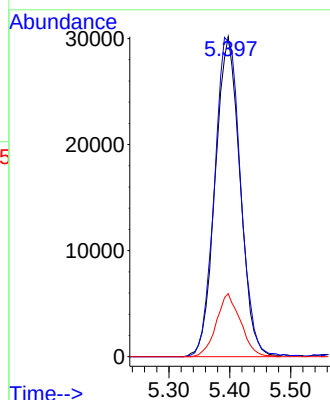
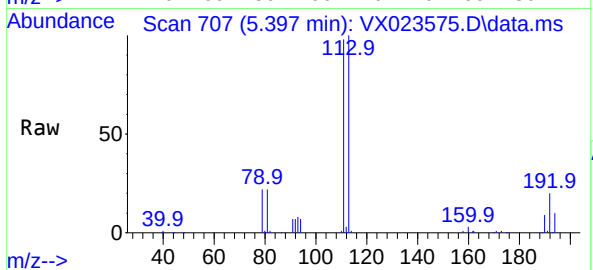




#35  
Dibromofluoromethane  
Concen: 51.066 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

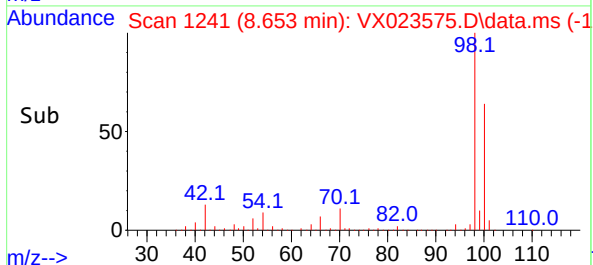
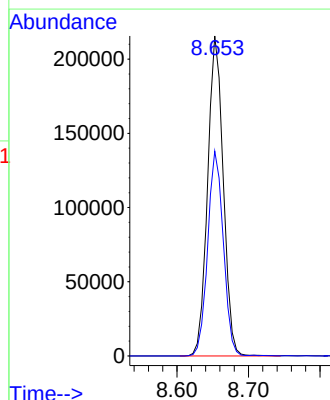
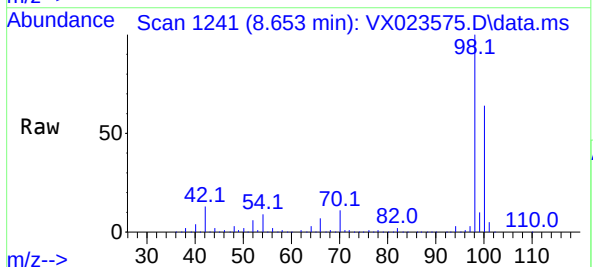
Instrument :  
MSVOA\_X  
ClientSampleId :  
1928-1930

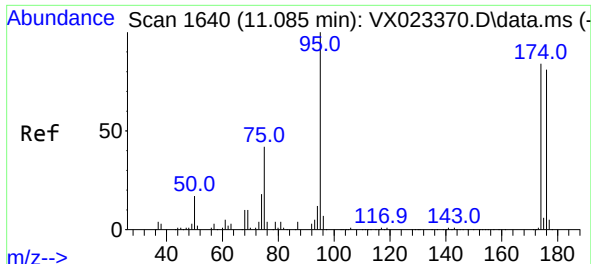
Tgt Ion:113 Resp: 85347  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.9 122.9  
192 19.3 16.7 25.1



#50  
Toluene-d8  
Concen: 53.325 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 98 Resp: 327433  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.9 77.9

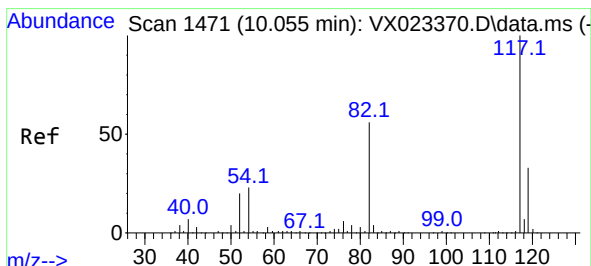
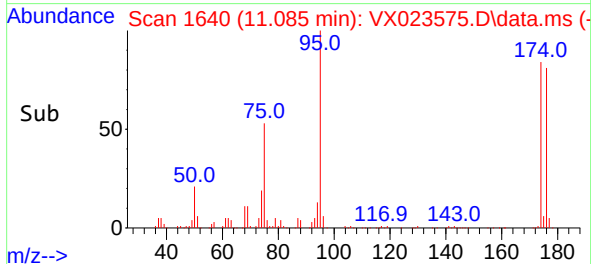
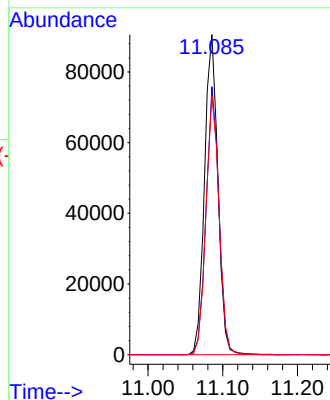
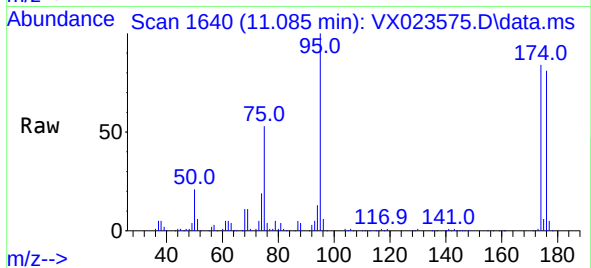




#62  
4-Bromofluorobenzene  
Concen: 53.849 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

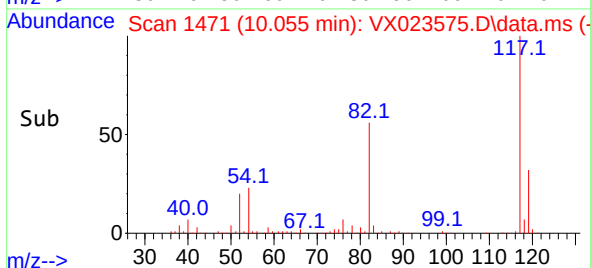
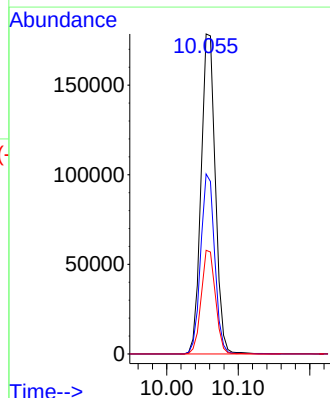
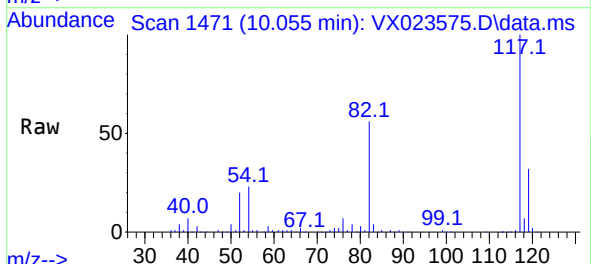
Instrument :  
MSVOA\_X  
ClientSampleId :  
1928-1930

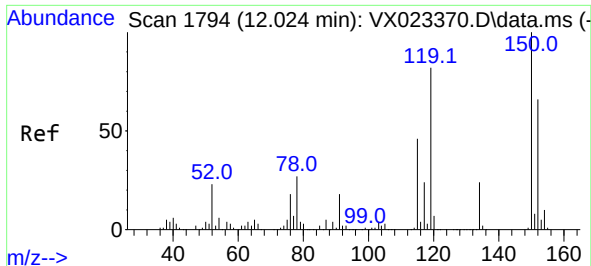
Tgt Ion: 95 Resp: 112435  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 154.6  
176 79.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX023575.D  
Acq: 05 Aug 2021 16:13

Tgt Ion: 117 Resp: 247412  
Ion Ratio Lower Upper  
117 100  
82 56.2 47.4 71.2  
119 32.4 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: VX023575.D  
 Acq: 05 Aug 2021 16:13

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 1928-1930

Tgt Ion:152 Resp: 105216  
 Ion Ratio Lower Upper  
 152 100  
 115 58.9 41.1 123.3  
 150 158.2 0.0 349.0

