

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060821\  
 Data File : VX022577.D  
 Acq On : 08 Jun 2021 20:26  
 Operator : JC/MD  
 Sample : M2625-23  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 18-B12(146-150)

Quant Time: Jun 09 04:02:14 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

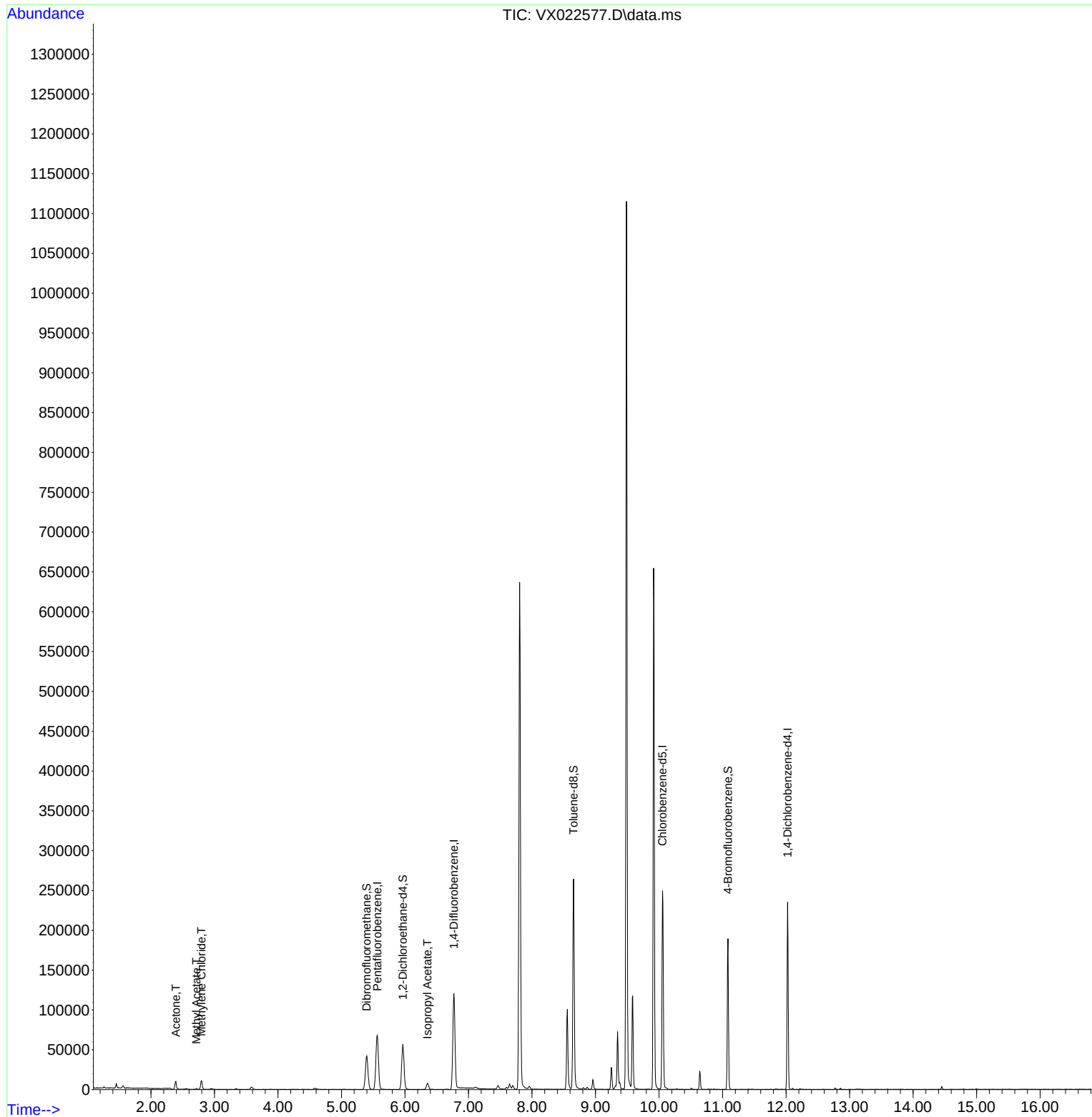
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 58525    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 118339   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 108362   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 41754    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 49597    | 47.670   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.340%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 35923    | 48.518   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.040%  |
| 50) Toluene-d8              | 8.653  | 98    | 147967   | 50.086   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 100.180% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 51152    | 46.583   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.160%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.392  | 43    | 10644    | 22.768   | ug/l  | 92       |
| 18) Methyl Acetate          | 2.715  | 43    | 1482     | 1.149    | ug/l  | # 72     |
| 20) Methylene Chloride      | 2.794  | 84    | 4429     | 4.537    | ug/l  | # 85     |
| 43) Isopropyl Acetate       | 6.354  | 43    | 9834     | 4.129    | ug/l  | # 94     |
| -----                       |        |       |          |          |       |          |

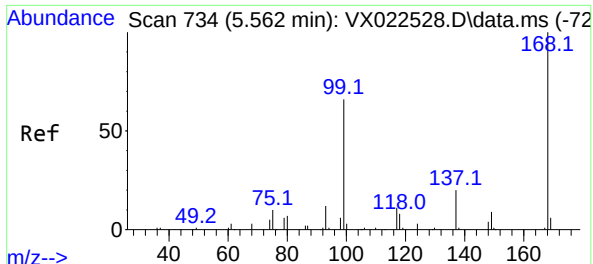
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(146-150)

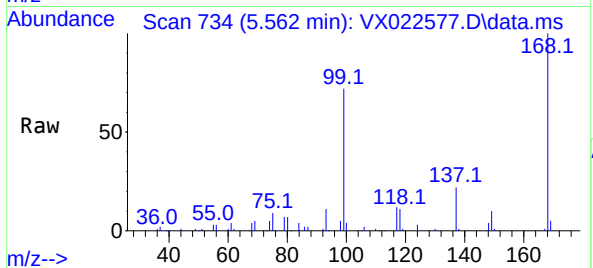
Quant Time: Jun 09 04:02:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration



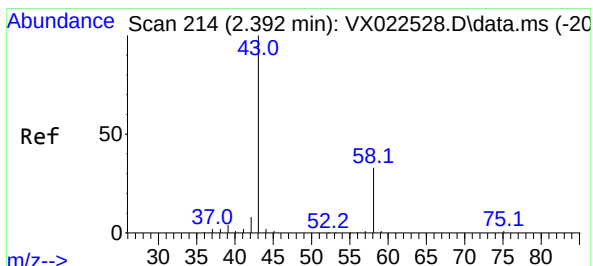
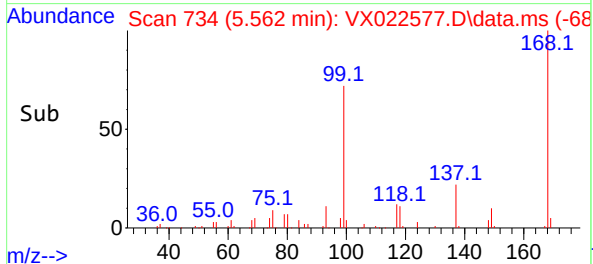
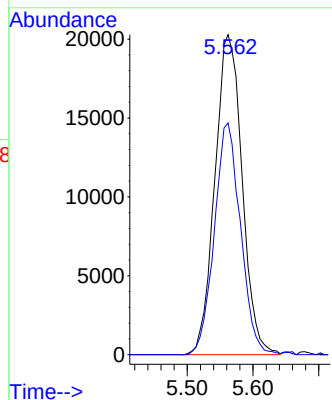


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(146-150)

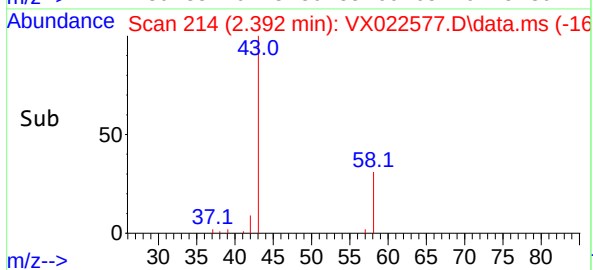
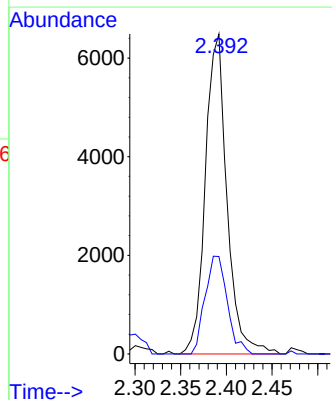
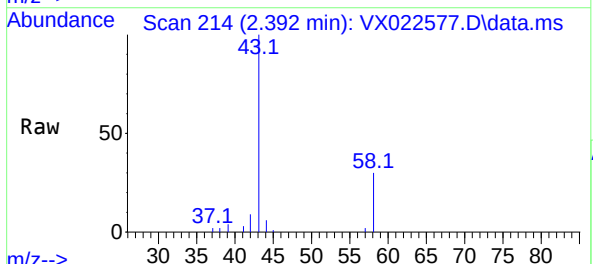


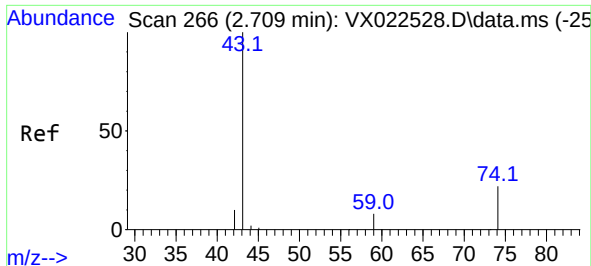
Tgt Ion:168 Resp: 58525  
Ion Ratio Lower Upper  
168 100  
99 72.4 45.8 68.6#



#16  
Acetone  
Concen: 22.768 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Tgt Ion: 43 Resp: 10644  
Ion Ratio Lower Upper  
43 100  
58 30.5 27.8 41.8

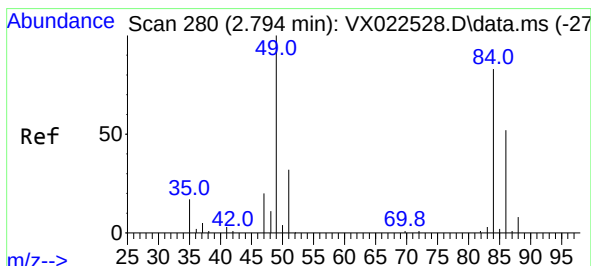
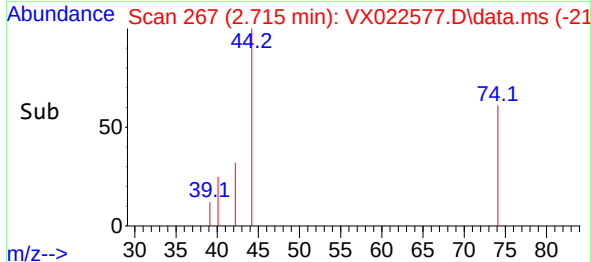
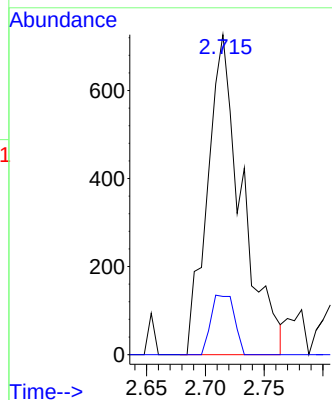
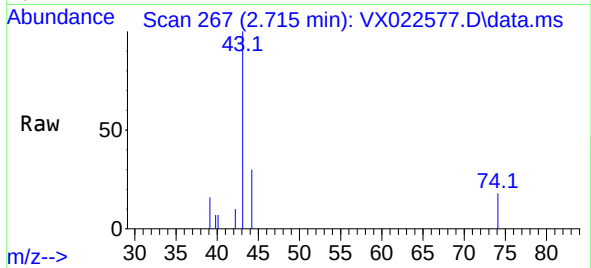




#18  
Methyl Acetate  
Concen: 1.149 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

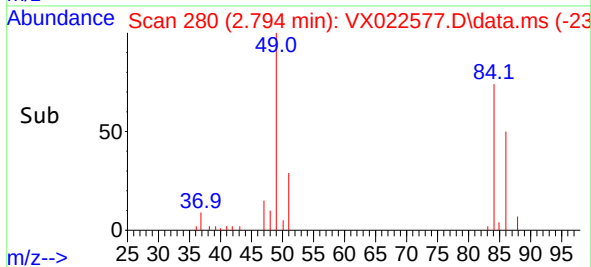
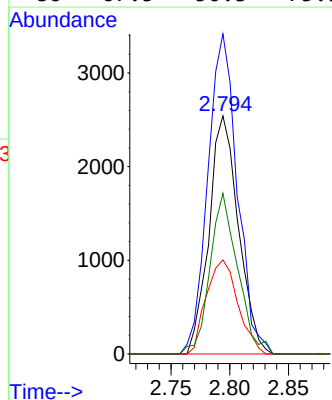
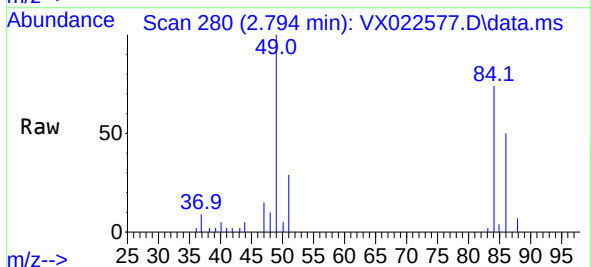
Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(146-150)

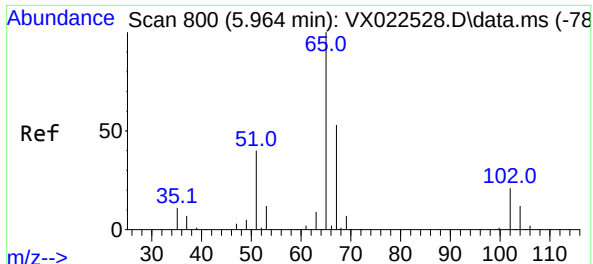
Tgt Ion: 43 Resp: 1482  
Ion Ratio Lower Upper  
43 100  
74 12.6 21.9 32.9#



#20  
Methylene Chloride  
Concen: 4.537 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Tgt Ion: 84 Resp: 4429  
Ion Ratio Lower Upper  
84 100  
49 134.4 88.6 132.8#  
51 39.6 27.0 40.6  
86 67.5 50.3 75.5



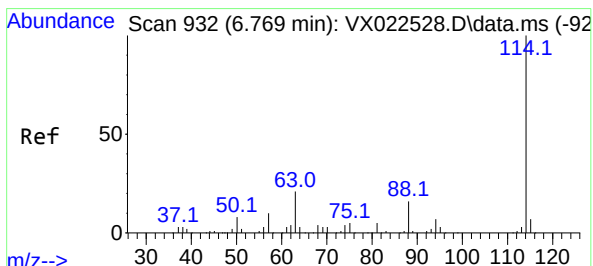
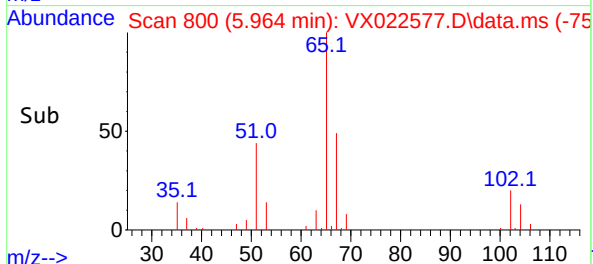
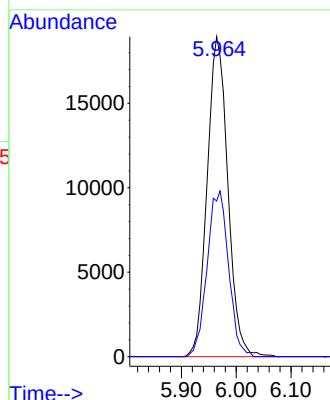
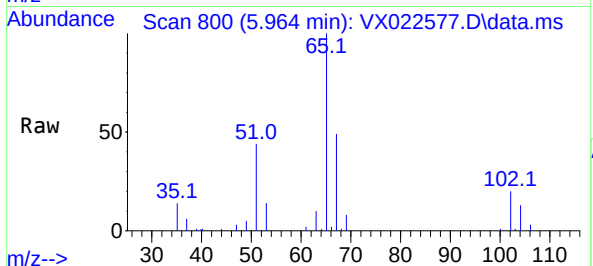


#33

1,2-Dichloroethane-d4  
Concen: 47.670 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(146-150)

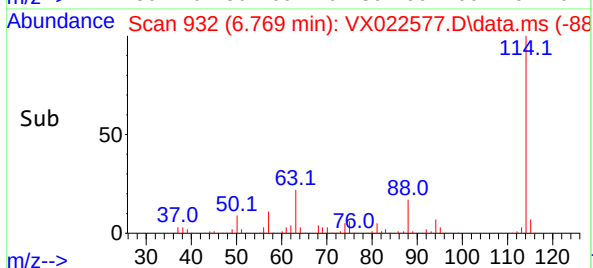
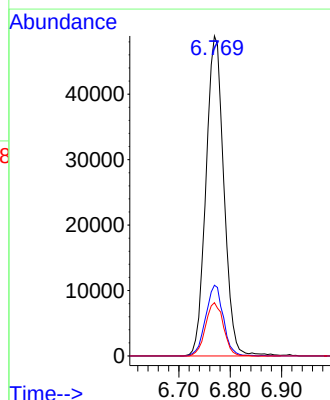
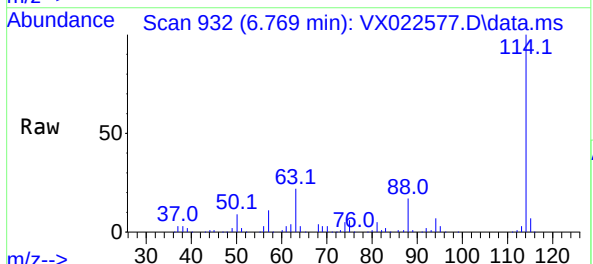
Tgt Ion: 65 Resp: 49597  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 105.4

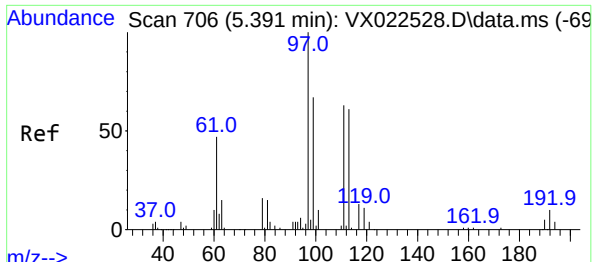


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Tgt Ion: 114 Resp: 118339  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 40.8  
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.518 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022577.D

Acq: 08 Jun 2021 20:26

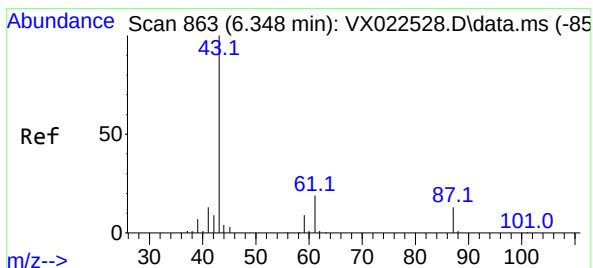
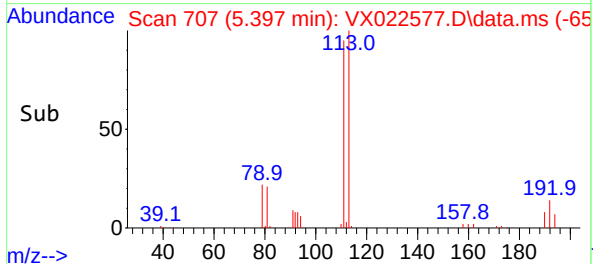
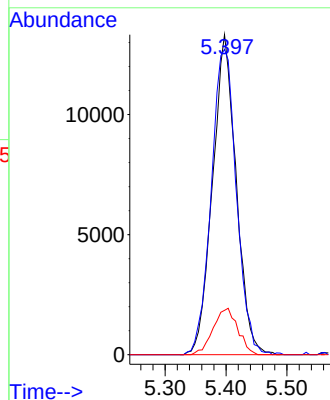
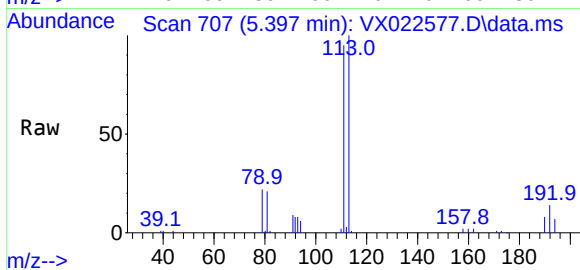
Tgt Ion:113 Resp: 35923

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 15.1 16.7 25.1#



#43

Isopropyl Acetate

Concen: 4.129 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX022577.D

Acq: 08 Jun 2021 20:26

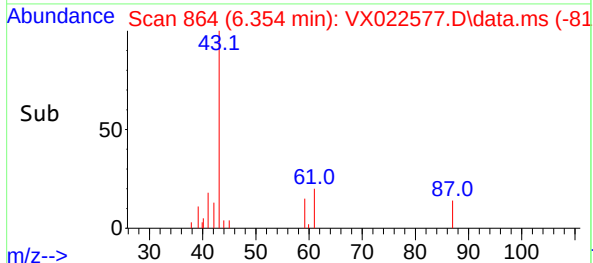
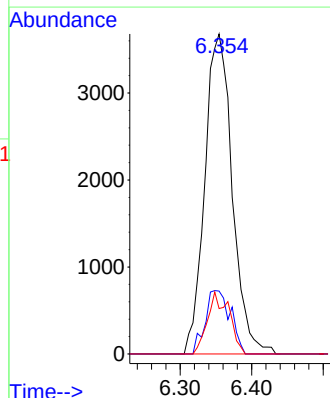
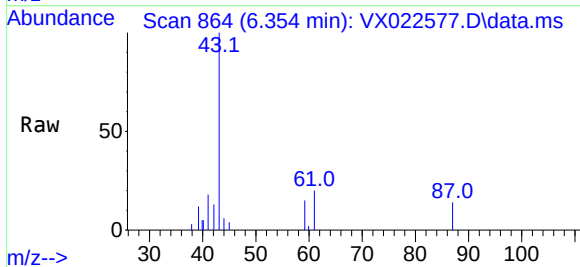
Tgt Ion: 43 Resp: 9834

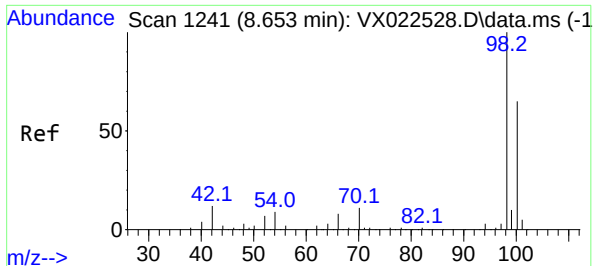
Ion Ratio Lower Upper

43 100

61 18.2 18.2 27.4#

87 15.2 12.5 18.7

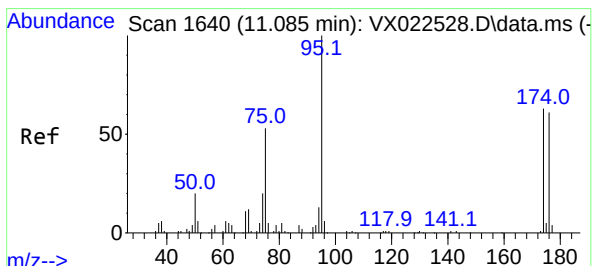
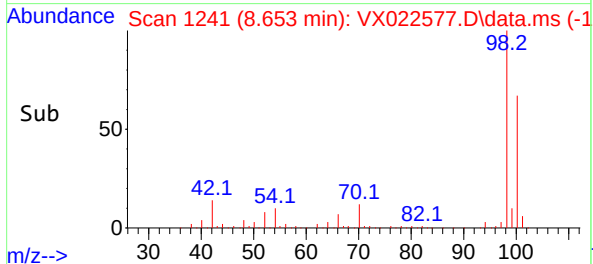
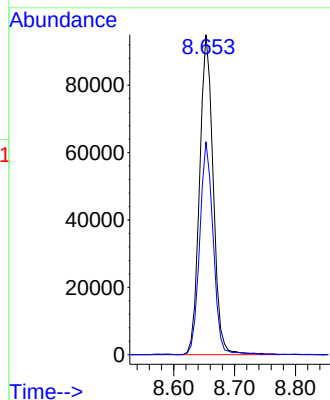
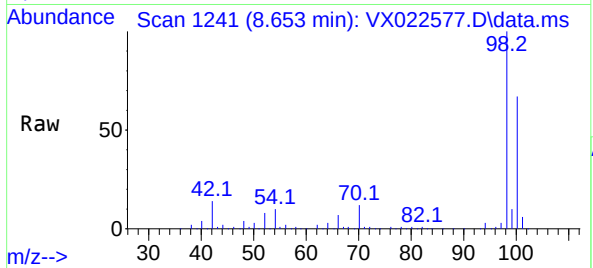




#50  
Toluene-d8  
Concen: 50.086 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

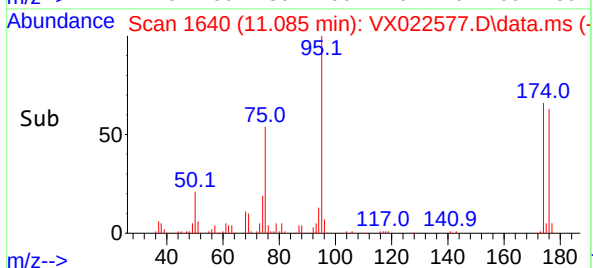
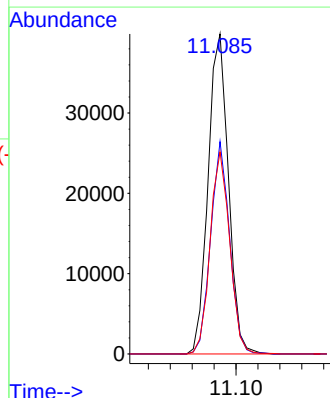
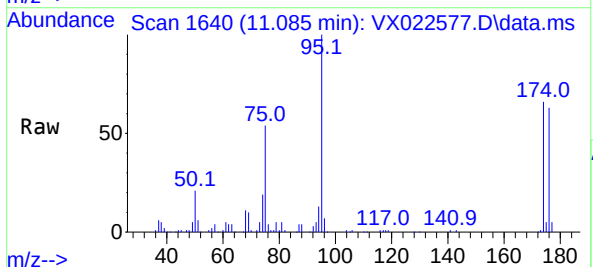
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18-B12(146-150)

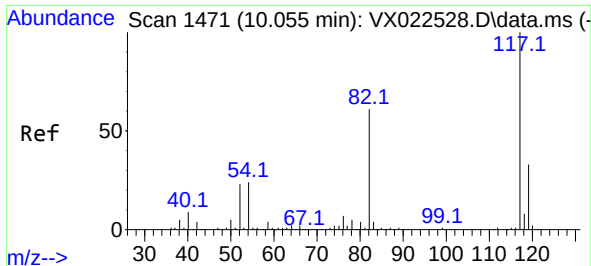
Tgt Ion: 98 Resp: 147967  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 46.583 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Tgt Ion: 95 Resp: 51152  
Ion Ratio Lower Upper  
95 100  
174 62.1 0.0 154.6  
176 61.0 0.0 155.8

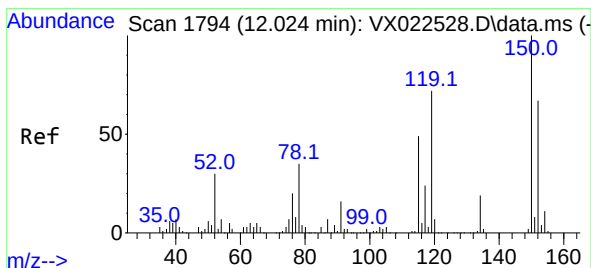
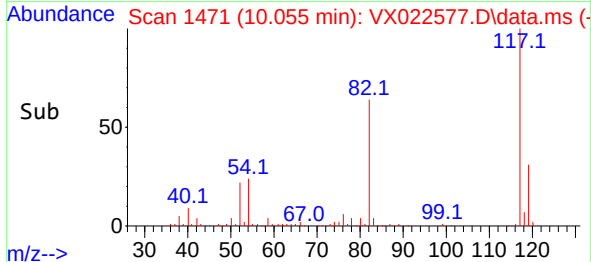
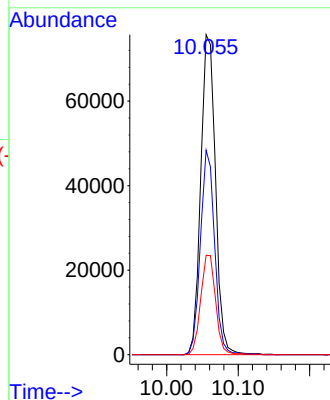
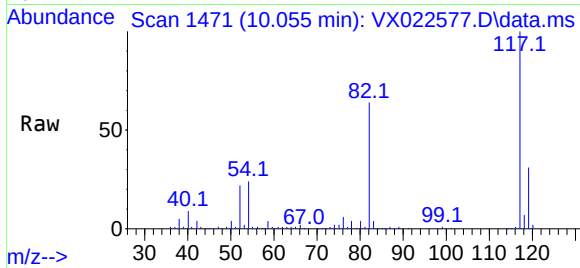




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022577.D  
Acq: 08 Jun 2021 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(146-150)

Tgt Ion:117 Resp: 108362  
Ion Ratio Lower Upper  
117 100  
82 63.9 47.4 71.2  
119 31.0 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: VX022577.D  
Acq: 08 Jun 2021 20:26

Tgt Ion:152 Resp: 41754  
Ion Ratio Lower Upper  
152 100  
115 67.1 41.1 123.3  
150 159.4 0.0 349.0

