

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060821\  
 Data File : VX022576.D  
 Acq On : 08 Jun 2021 20:02  
 Operator : JC/MD  
 Sample : M2625-22  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 18-B12(142-146)

Quant Time: Jun 09 04:02:05 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

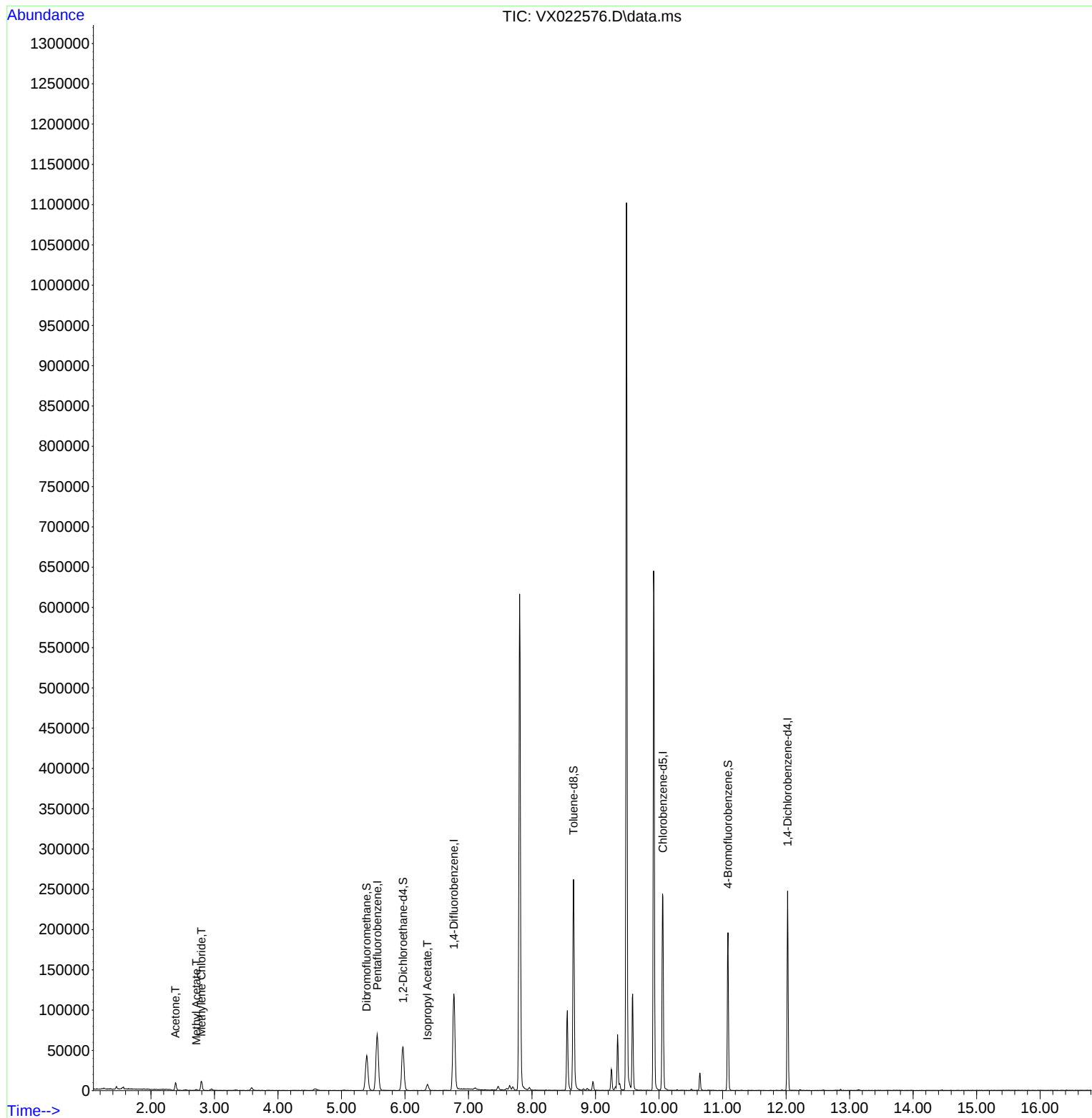
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 57310    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 121002   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 108882   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 42599    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 50657    | 49.721   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 99.440%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 35375    | 46.726   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.460%  |
| 50) Toluene-d8              | 8.653  | 98    | 148125   | 49.036   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.080%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 52489    | 46.748   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.500%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386  | 43    | 9898     | 21.621   | ug/l  | 97       |
| 18) Methyl Acetate          | 2.715  | 43    | 1511     | 1.197    | ug/l  | # 83     |
| 20) Methylene Chloride      | 2.794  | 84    | 4883     | 5.109    | ug/l  | # 84     |
| 43) Isopropyl Acetate       | 6.354  | 43    | 9962     | 4.090    | ug/l  | 93       |
| -----                       |        |       |          |          |       |          |

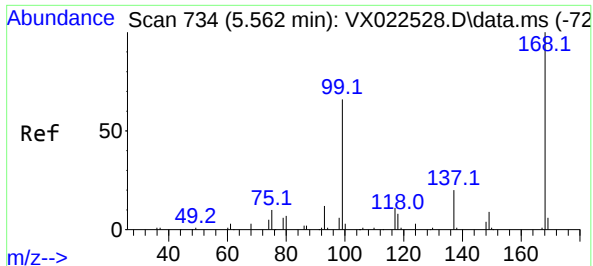
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration

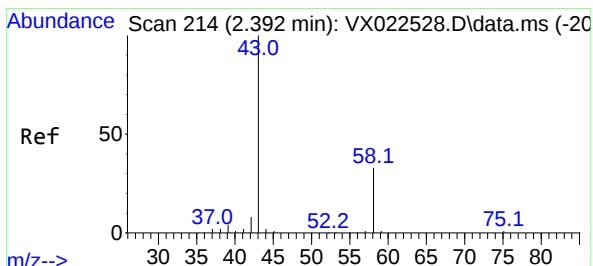
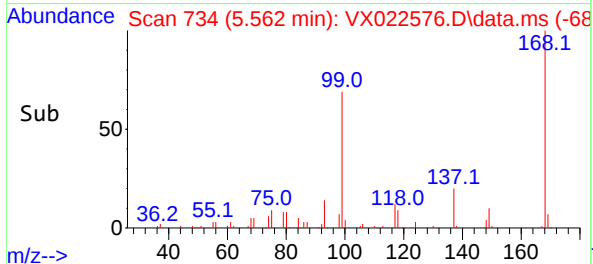
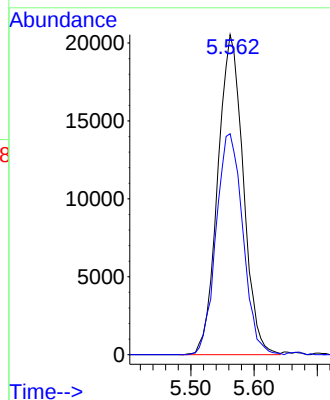
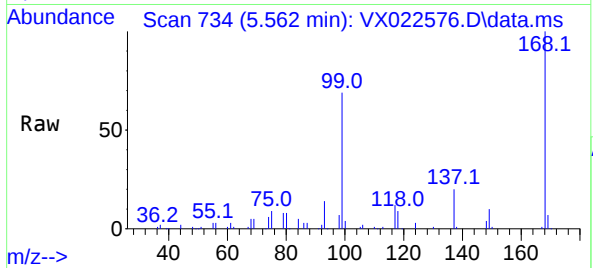




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

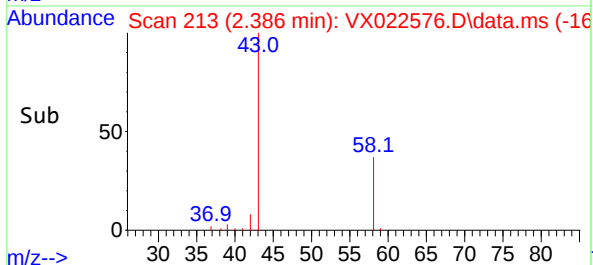
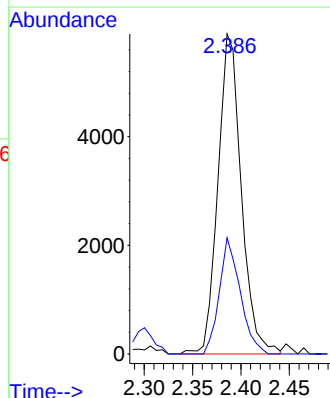
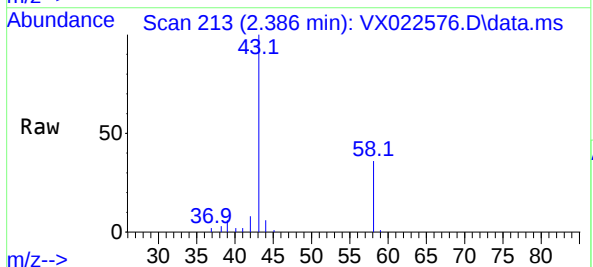
Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(142-146)

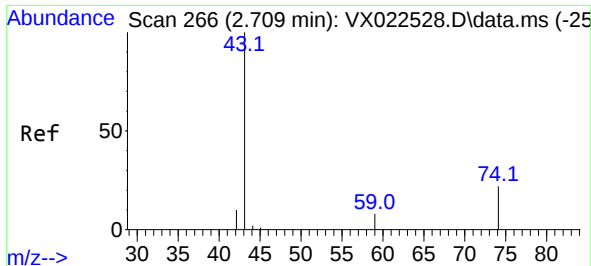
Tgt Ion:168 Resp: 57310  
Ion Ratio Lower Upper  
168 100  
99 69.1 45.8 68.6#



#16  
Acetone  
Concen: 21.621 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

Tgt Ion: 43 Resp: 9898  
Ion Ratio Lower Upper  
43 100  
58 36.3 27.8 41.8





#18

Methyl Acetate

Concen: 1.197 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX022576.D

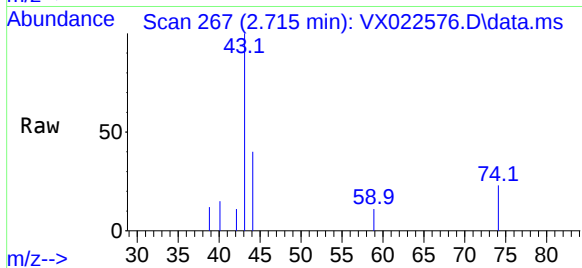
Acq: 08 Jun 2021 20:02

Tgt Ion: 43 Resp: 1511

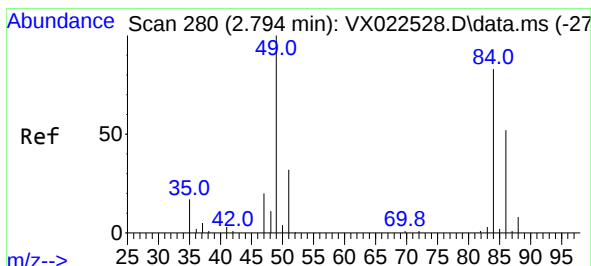
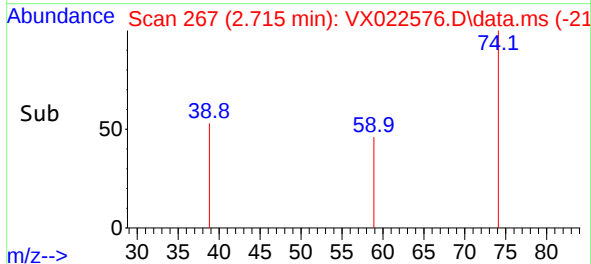
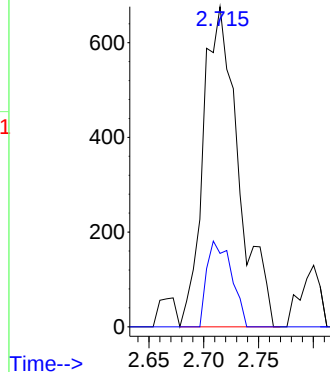
Ion Ratio Lower Upper

43 100

74 18.7 21.9 32.9#



Abundance



#20

Methylene Chloride

Concen: 5.109 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion: 84 Resp: 4883

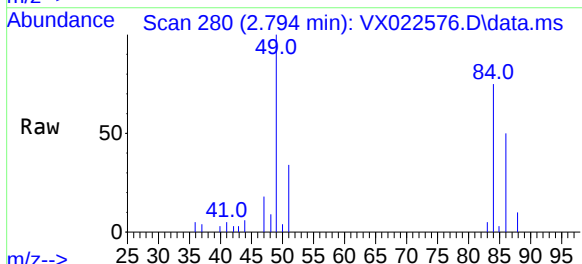
Ion Ratio Lower Upper

84 100

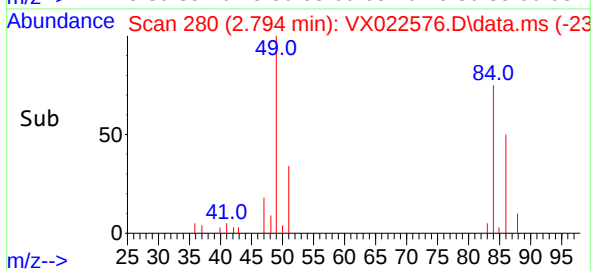
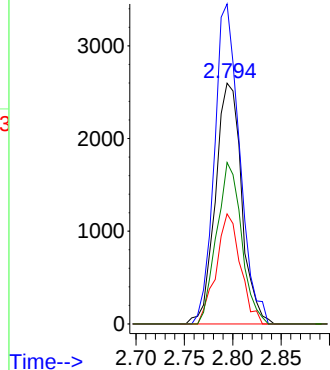
49 132.9 88.6 132.8#

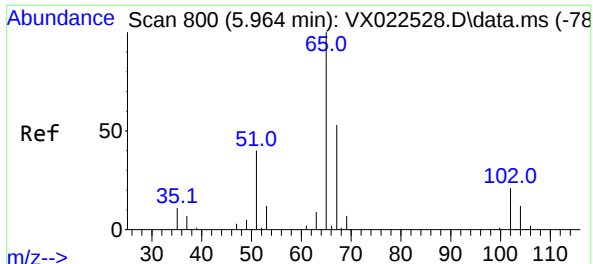
51 45.7 27.0 40.6#

86 67.1 50.3 75.5



Abundance



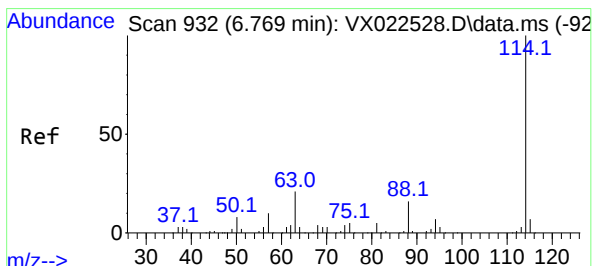
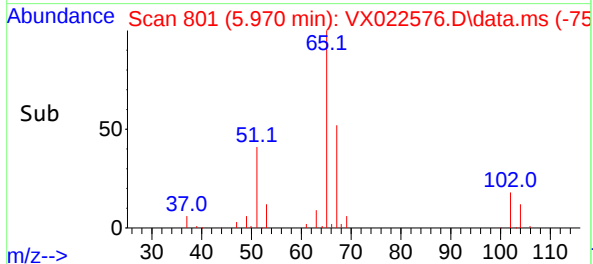
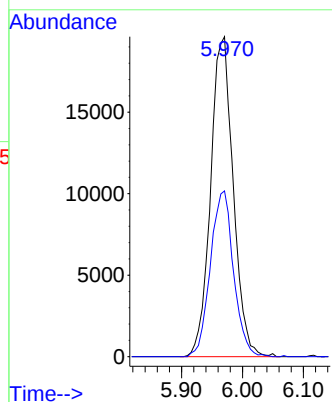
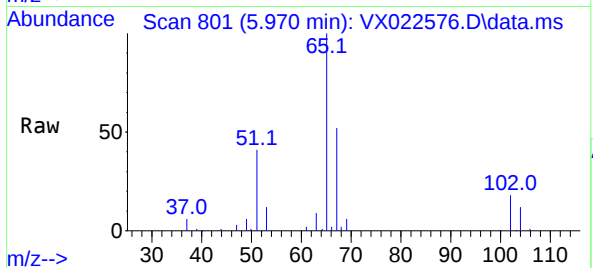


#33

1,2-Dichloroethane-d4  
Concen: 49.721 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(142-146)

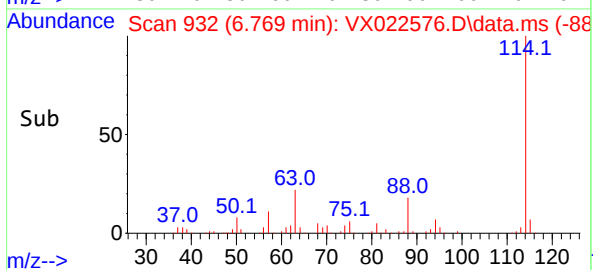
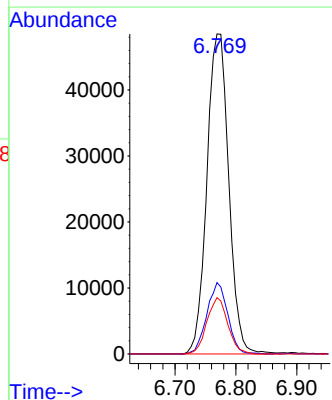
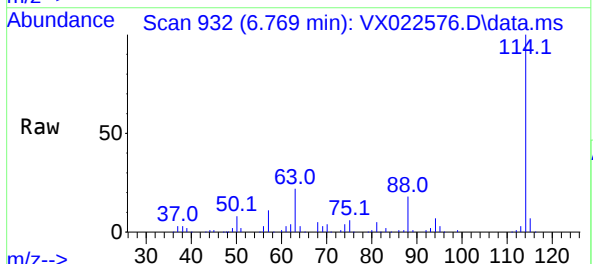
Tgt Ion: 65 Resp: 50657  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 105.4

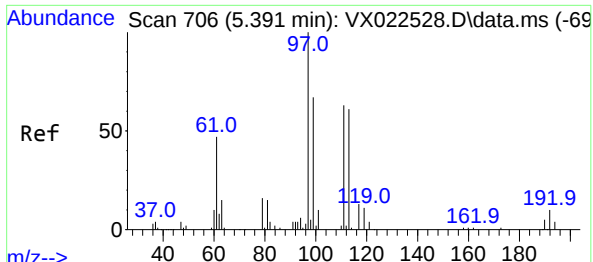


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

Tgt Ion: 114 Resp: 121002  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 40.8  
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.726 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

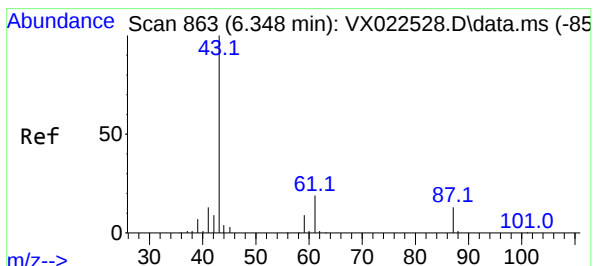
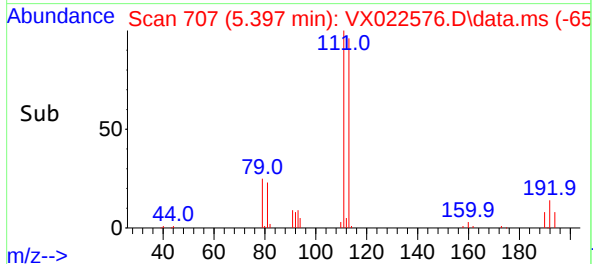
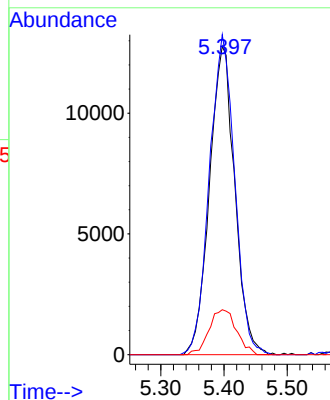
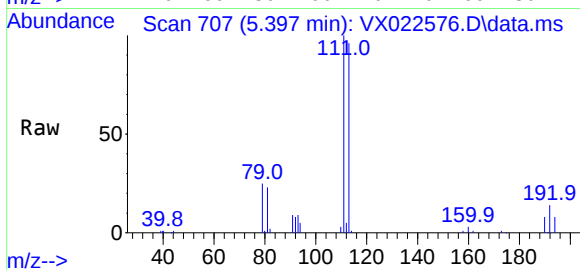
Tgt Ion:113 Resp: 35375

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 15.8 16.7 25.1#



#43

Isopropyl Acetate

Concen: 4.090 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

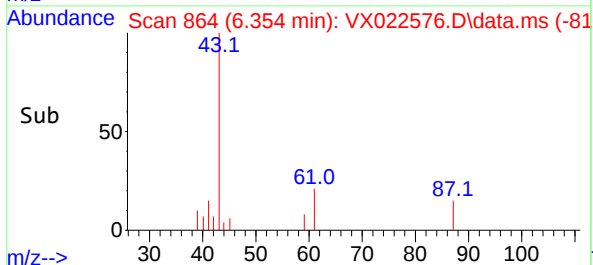
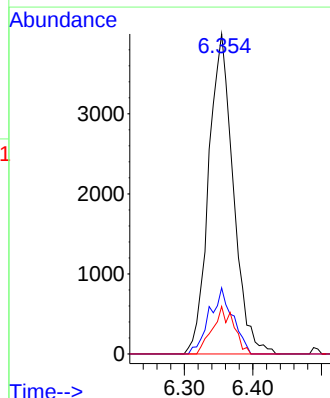
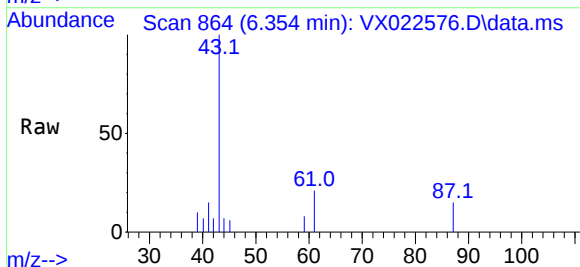
Tgt Ion: 43 Resp: 9962

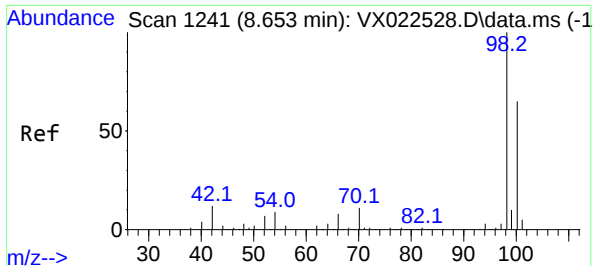
Ion Ratio Lower Upper

43 100

61 19.7 18.2 27.4

87 12.8 12.5 18.7

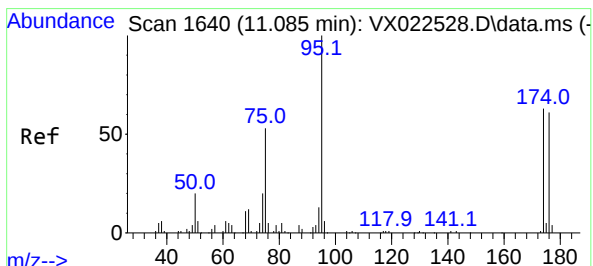
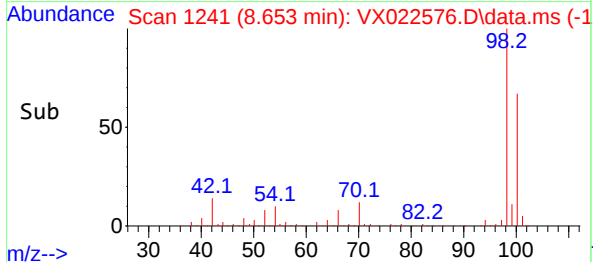
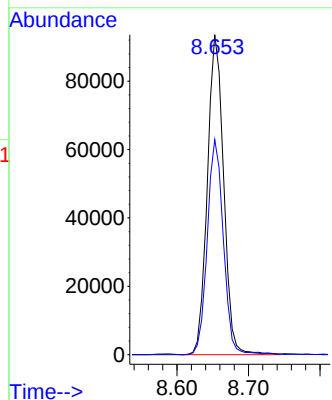
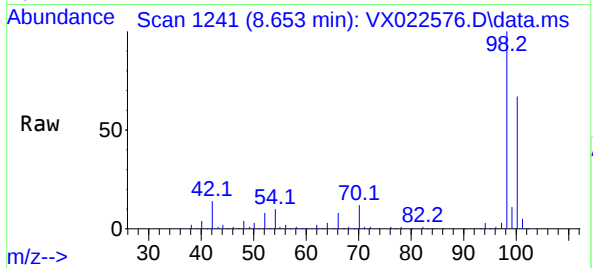




#50  
Toluene-d8  
Concen: 49.036 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

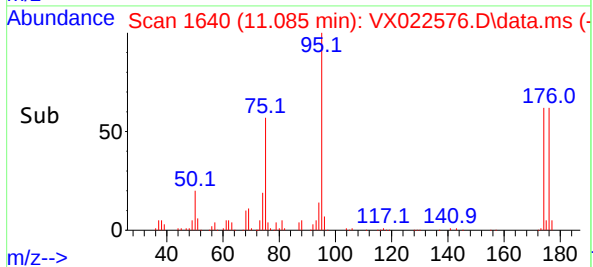
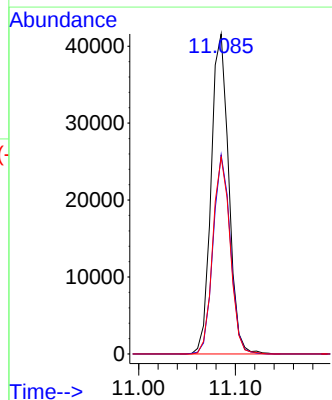
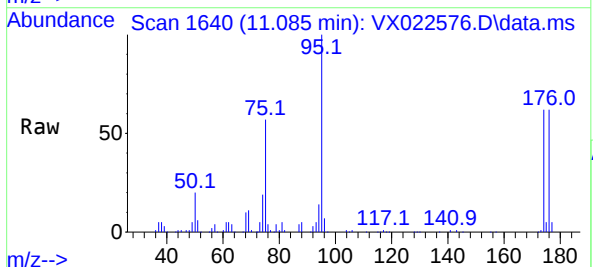
Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(142-146)

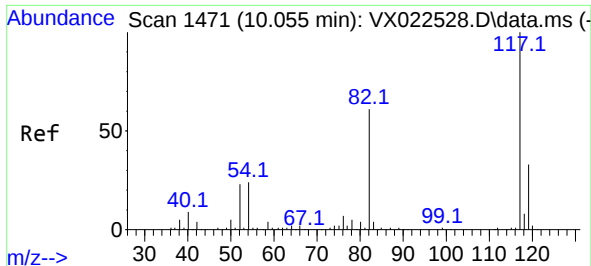
Tgt Ion: 98 Resp: 148125  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 46.748 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

Tgt Ion: 95 Resp: 52489  
Ion Ratio Lower Upper  
95 100  
174 61.2 0.0 154.6  
176 61.0 0.0 155.8

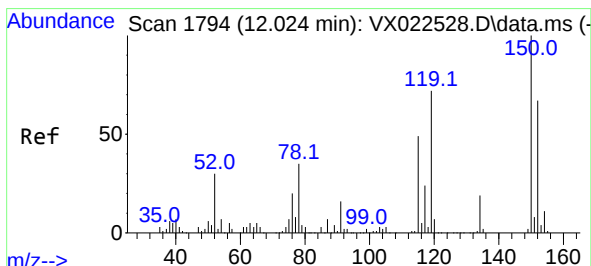
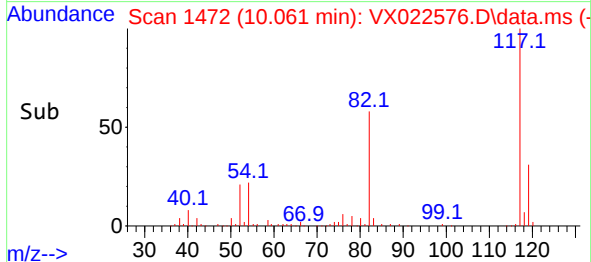
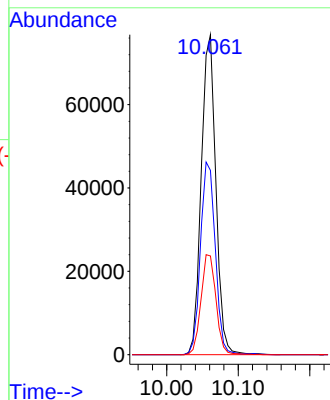
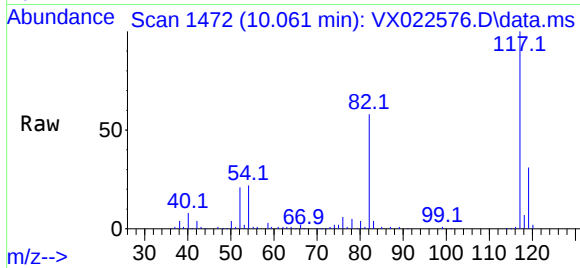




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022576.D  
Acq: 08 Jun 2021 20:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
18-B12(142-146)

Tgt Ion:117 Resp: 108882  
Ion Ratio Lower Upper  
117 100  
82 57.6 47.4 71.2  
119 30.9 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: VX022576.D  
Acq: 08 Jun 2021 20:02

Tgt Ion:152 Resp: 42599  
Ion Ratio Lower Upper  
152 100  
115 67.9 41.1 123.3  
150 161.2 0.0 349.0

