

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102521\  
 Data File : VU045381.D  
 Acq On : 25 Oct 2021 13:52  
 Operator : SY/MD  
 Sample : M4290-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TH-BS

Quant Time: Oct 26 04:42:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

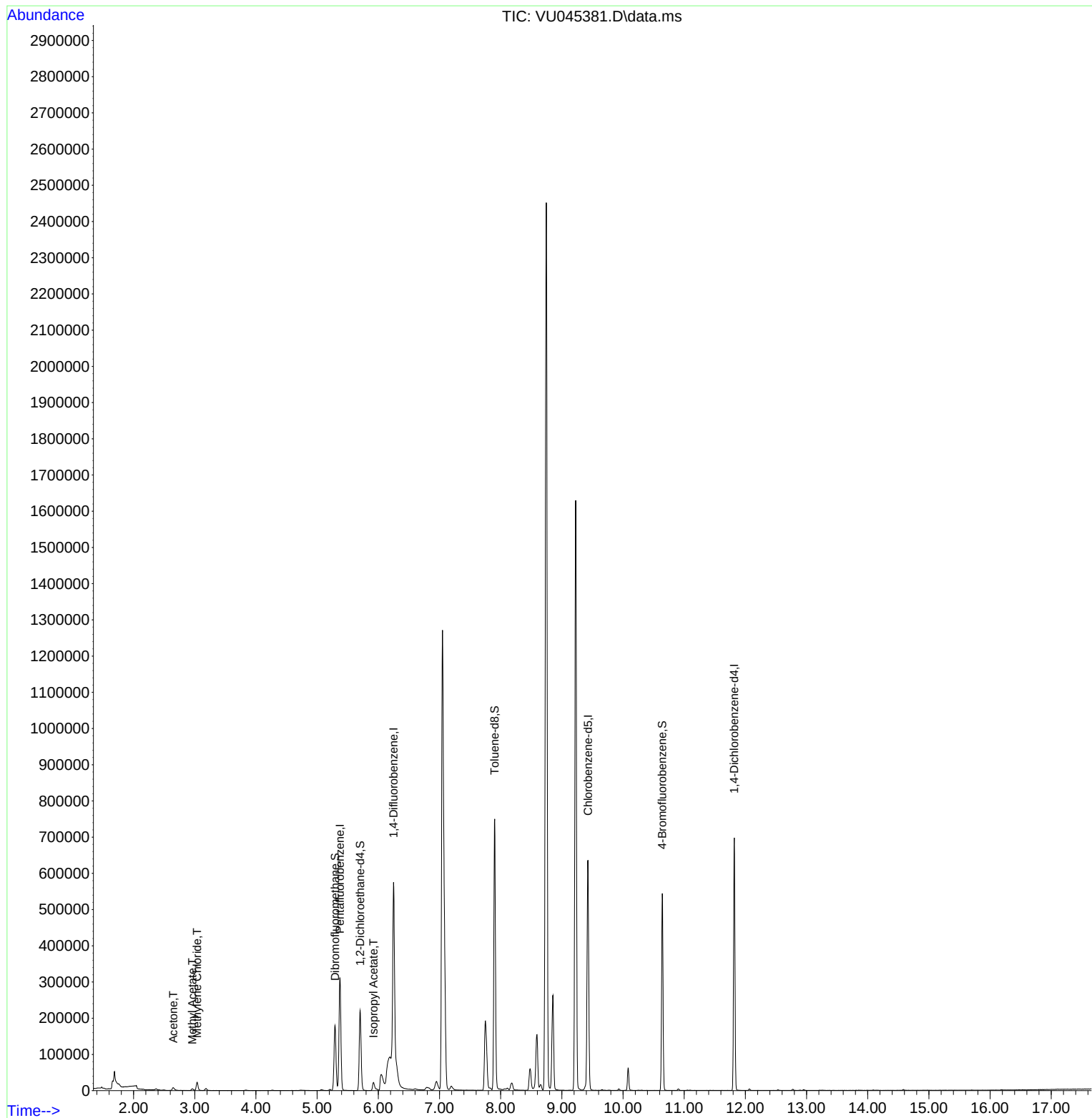
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.372  | 168   | 213636   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 408458   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.427  | 117   | 381762   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152   | 169813   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 172356   | 48.466   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 96.940%  |
| 35) Dibromofluoromethane    | 5.292  | 113   | 125516   | 48.712   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.420%  |
| 50) Toluene-d8              | 7.903  | 98    | 512074   | 50.297   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.600% |
| 62) 4-Bromofluorobenzene    | 10.642 | 95    | 189570   | 45.101   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 90.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.649  | 43    | 13211    | 6.258    | ug/l   | 99       |
| 18) Methyl Acetate          | 2.961  | 43    | 7055     | 1.144    | ug/l   | 99       |
| 20) Methylene Chloride      | 3.038  | 84    | 11812    | 3.715    | ug/l   | 93       |
| 43) Isopropyl Acetate       | 5.922  | 43    | 31732    | 3.732    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

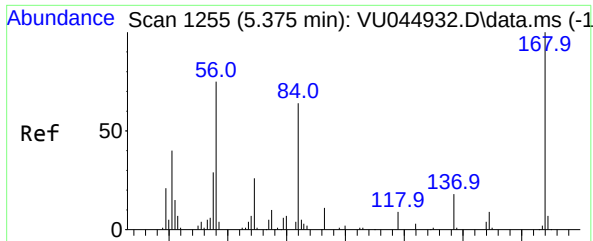
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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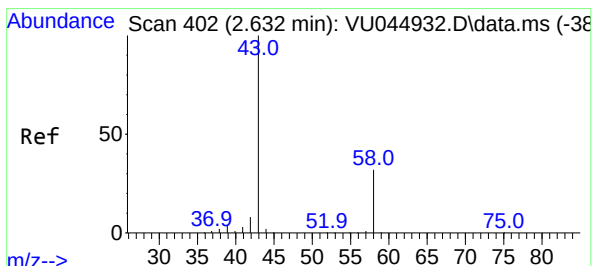
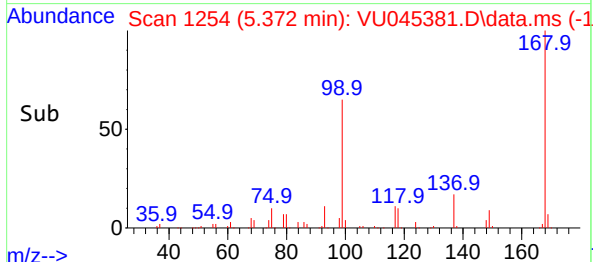
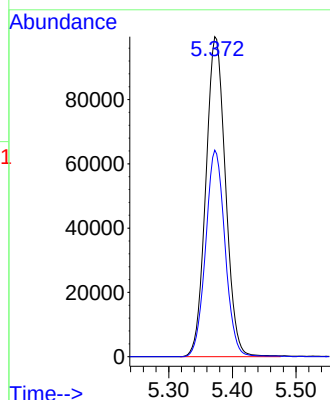
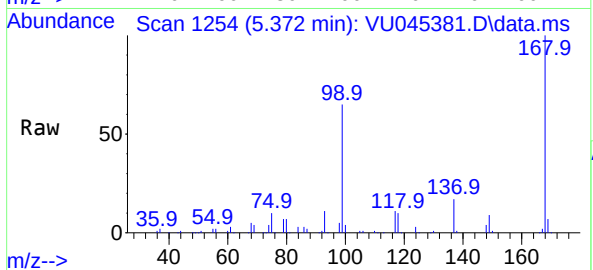




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 1254  
Delta R.T. -0.003 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

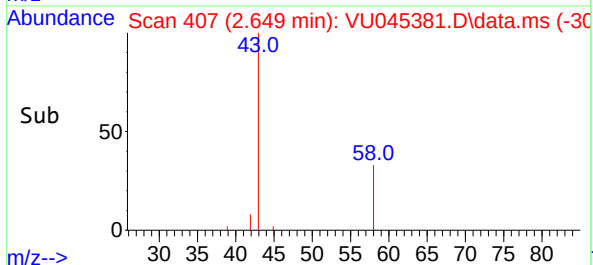
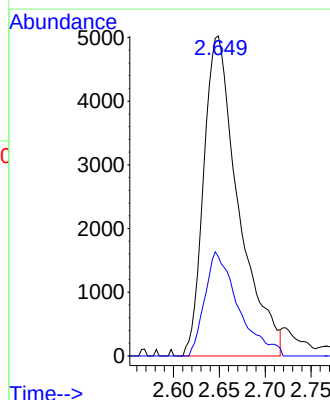
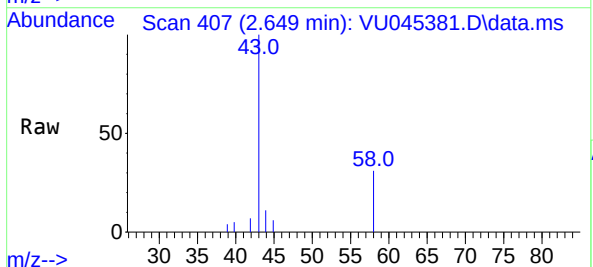
Instrument :  
MSVOA\_U  
ClientSampleId :  
TH-BS

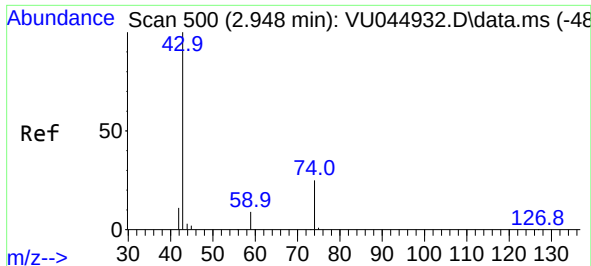
Tgt Ion:168 Resp: 213636  
Ion Ratio Lower Upper  
168 100  
99 64.5 51.4 77.0



#16  
Acetone  
Concen: 6.258 ug/l  
RT: 2.649 min Scan# 407  
Delta R.T. 0.017 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 13211  
Ion Ratio Lower Upper  
43 100  
58 31.1 25.2 37.8

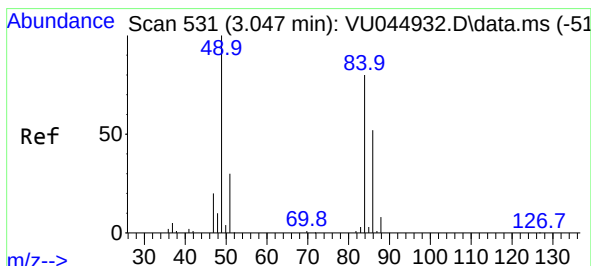
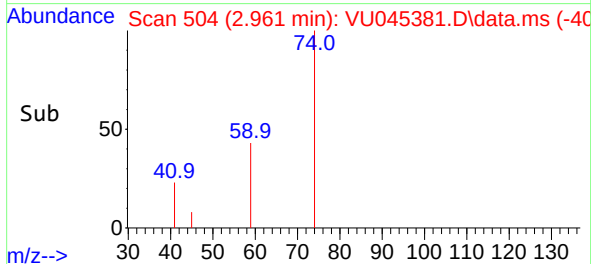
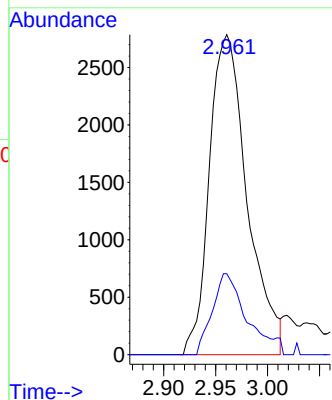
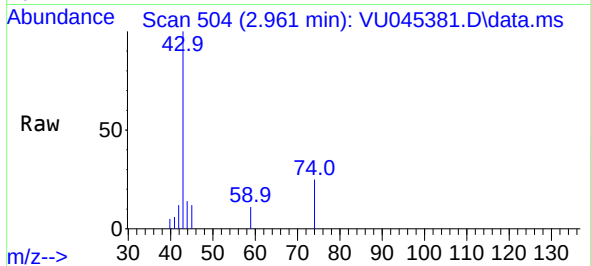




#18  
Methyl Acetate  
Concen: 1.144 ug/l  
RT: 2.961 min Scan# 504  
Delta R.T. 0.013 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

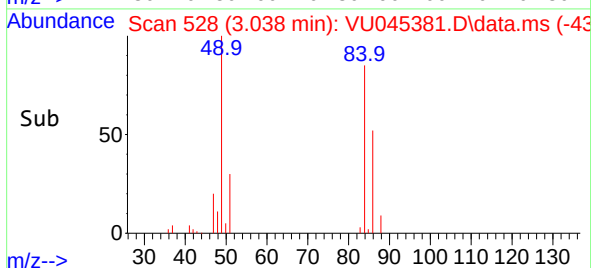
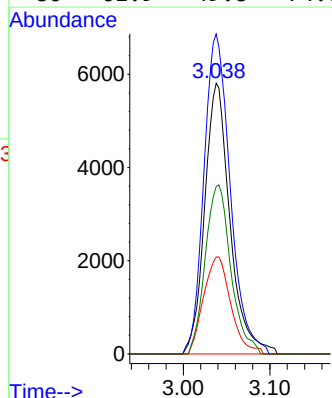
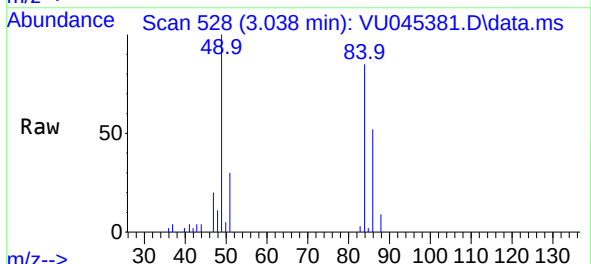
Instrument :  
MSVOA\_U  
ClientSampled :  
TH-BS

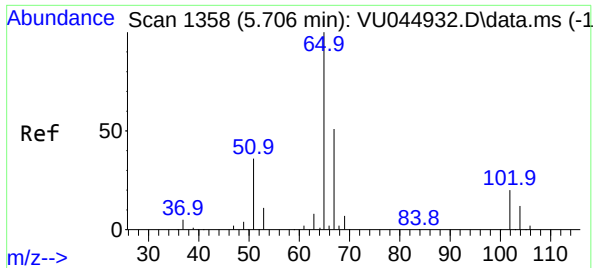
Tgt Ion: 43 Resp: 7055  
Ion Ratio Lower Upper  
43 100  
74 23.2 19.0 28.6



#20  
Methylene Chloride  
Concen: 3.715 ug/l  
RT: 3.038 min Scan# 528  
Delta R.T. -0.009 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

Tgt Ion: 84 Resp: 11812  
Ion Ratio Lower Upper  
84 100  
49 118.2 104.9 157.3  
51 35.8 31.8 47.8  
86 61.9 49.8 74.6

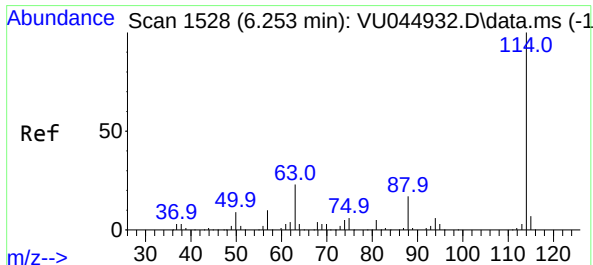
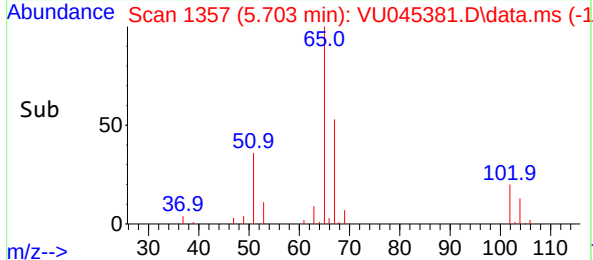
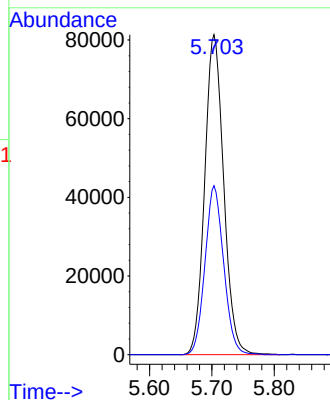
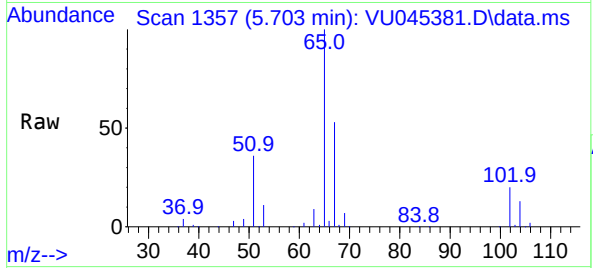




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.466 ug/l  
 RT: 5.703 min Scan# 1357  
 Delta R.T. -0.003 min  
 Lab File: VU045381.D  
 Acq: 25 Oct 2021 13:52

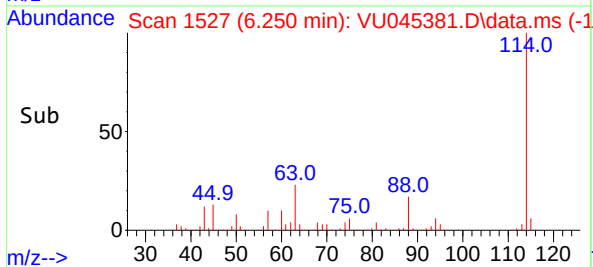
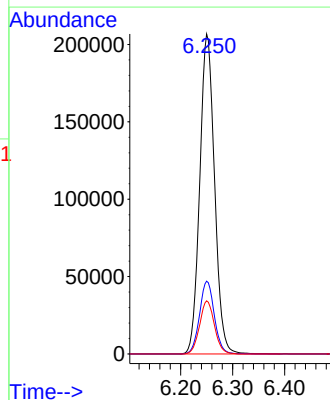
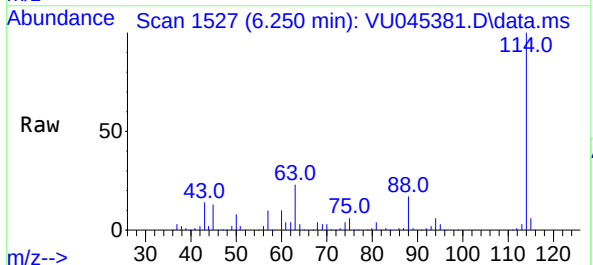
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TH-BS

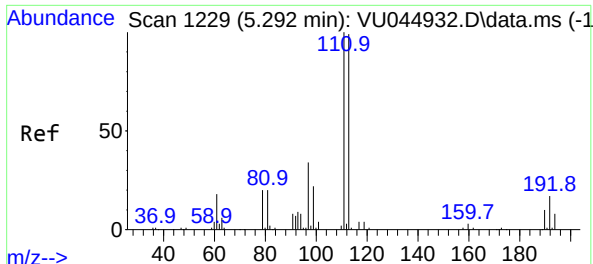
Tgt Ion: 65 Resp: 172356  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.250 min Scan# 1527  
 Delta R.T. -0.003 min  
 Lab File: VU045381.D  
 Acq: 25 Oct 2021 13:52

Tgt Ion: 114 Resp: 408458  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 47.8  
 88 16.6 0.0 32.8

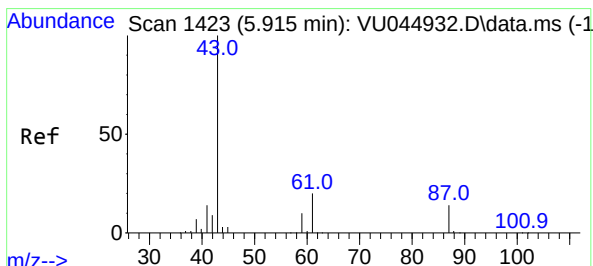
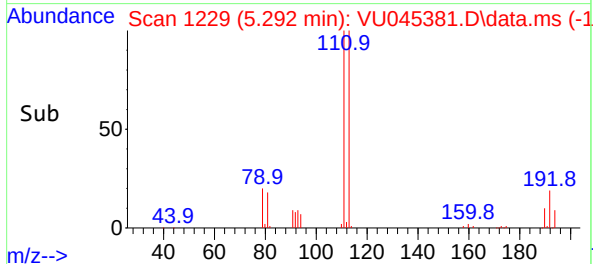
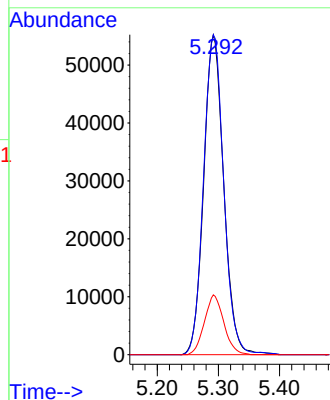
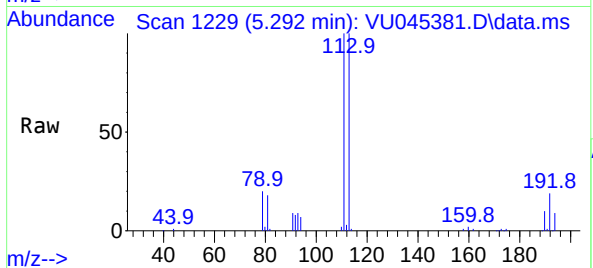




#35  
Dibromofluoromethane  
Concen: 48.712 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

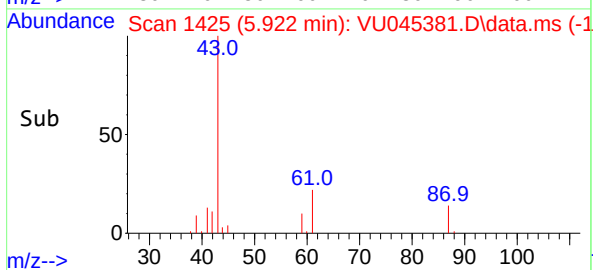
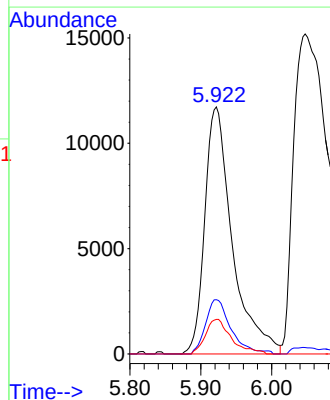
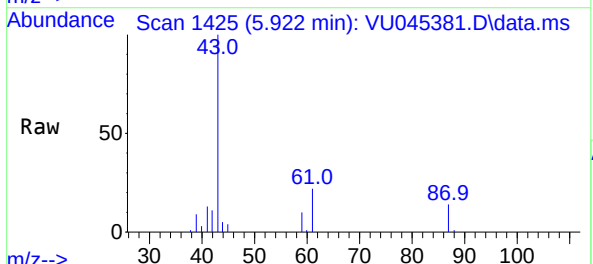
Instrument :  
MSVOA\_U  
ClientSampleId :  
TH-BS

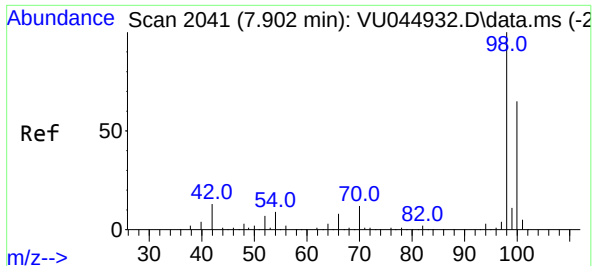
Tgt Ion:113 Resp: 125516  
Ion Ratio Lower Upper  
113 100  
111 100.4 84.1 126.1  
192 18.1 14.8 22.2



#43  
Isopropyl Acetate  
Concen: 3.732 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.007 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 31732  
Ion Ratio Lower Upper  
43 100  
61 20.3 16.1 24.1  
87 13.1 10.3 15.5





#50

Toluene-d8

Concen: 50.297 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU045381.D

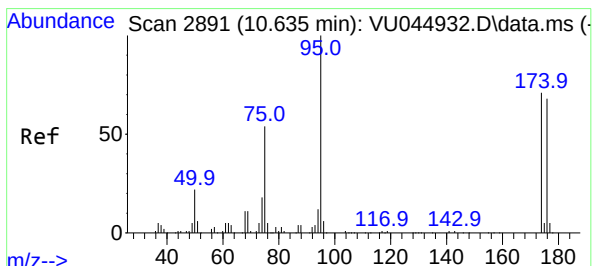
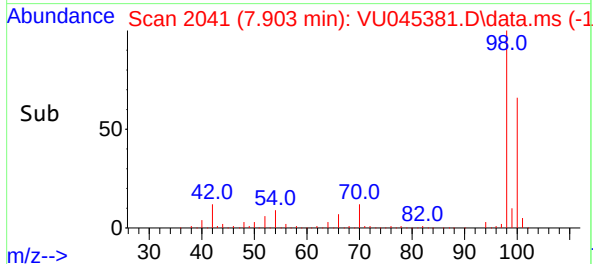
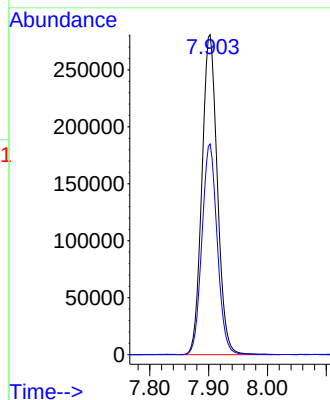
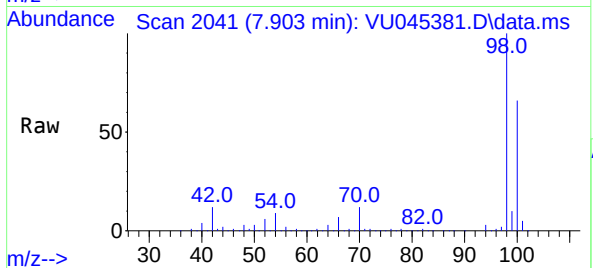
Acq: 25 Oct 2021 13:52

Tgt Ion: 98 Resp: 512074

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.101 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.007 min

Lab File: VU045381.D

Acq: 25 Oct 2021 13:52

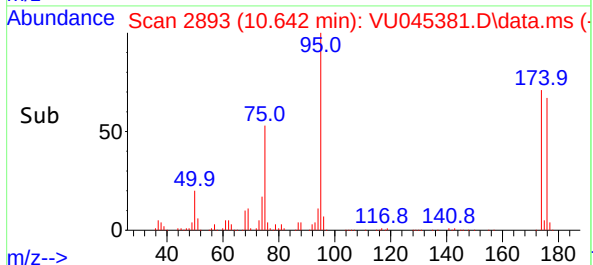
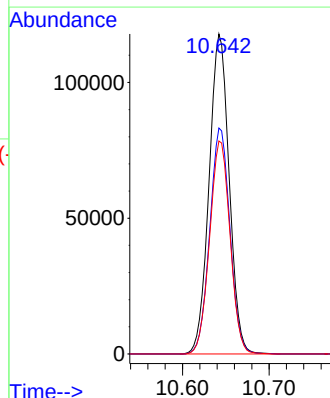
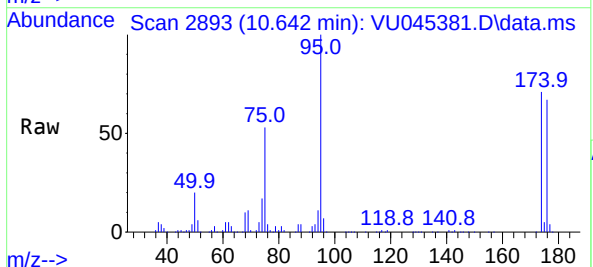
Tgt Ion: 95 Resp: 189570

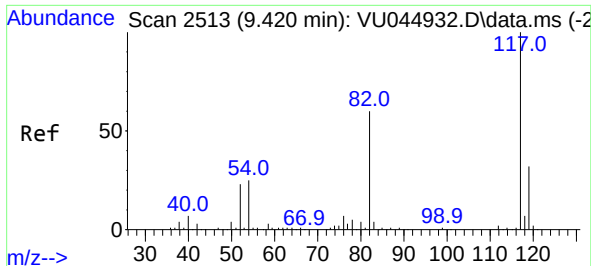
Ion Ratio Lower Upper

95 100

174 71.1 0.0 146.6

176 67.6 0.0 141.2

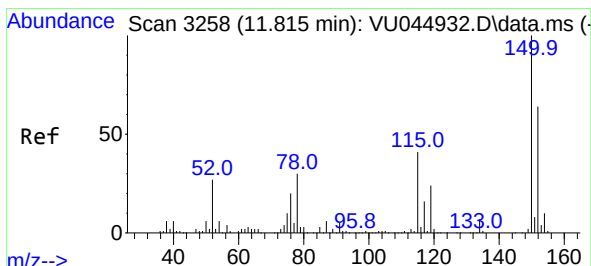
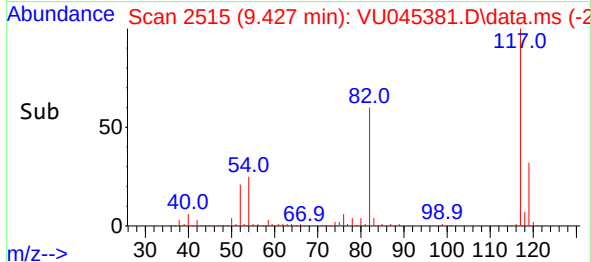
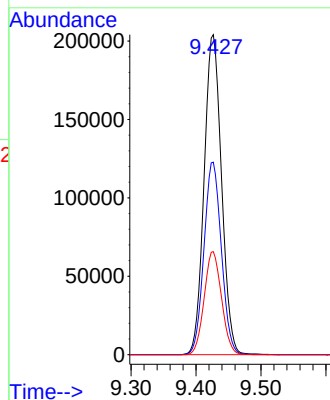
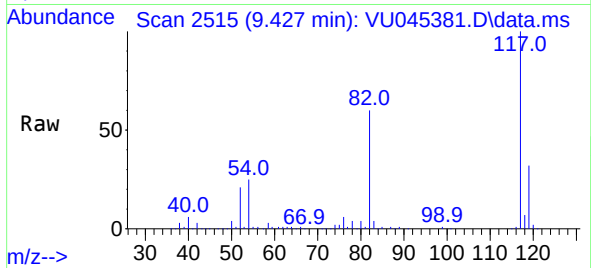




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.007 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

Instrument :  
MSVOA\_U  
ClientSampled :  
TH-BS

Tgt Ion:117 Resp: 381762  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.8 71.8  
119 32.2 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.004 min  
Lab File: VU045381.D  
Acq: 25 Oct 2021 13:52

Tgt Ion:152 Resp: 169813  
Ion Ratio Lower Upper  
152 100  
115 62.5 43.5 130.7  
150 158.6 0.0 350.0

