

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050621\  
 Data File : VU043575.D  
 Acq On : 06 May 2021 12:08  
 Operator : SY/MD  
 Sample : M2251-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-VPB-RW8-TB-20210428

Quant Time: May 07 02:03:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 06 07:26:23 2021  
 Response via : Initial Calibration

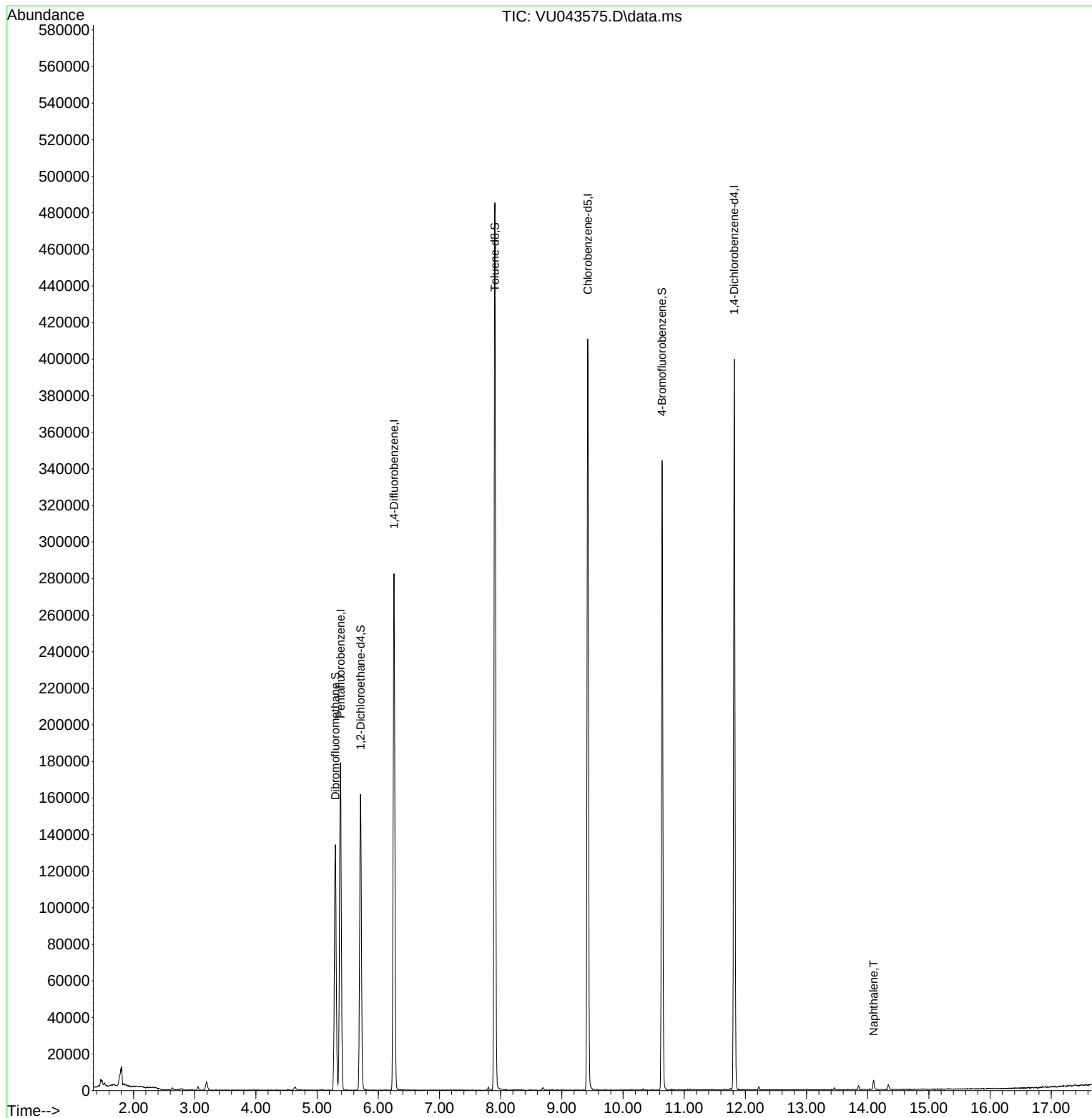
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min)    |
|-----------------------------|--------|------|----------|-------|---------|-------------|
| -----                       |        |      |          |       |         |             |
| Internal Standards          |        |      |          |       |         |             |
| 1) Pentafluorobenzene       | 5.382  | 168  | 113675   | 50.00 | ug/l    | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 204983   | 50.00 | ug/l    | 0.00        |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 198352   | 50.00 | ug/l    | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 93051    | 50.00 | ug/l    | 0.00        |
| System Monitoring Compounds |        |      |          |       |         |             |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 122456   | 53.21 | ug/l    | 0.00        |
| Spiked Amount 50.000        |        |      | Recovery | =     | 106.42% |             |
| 35) Dibromofluoromethane    | 5.298  | 113  | 82657    | 50.56 | ug/l    | 0.00        |
| Spiked Amount 50.000        |        |      | Recovery | =     | 101.12% |             |
| 50) Toluene-d8              | 7.906  | 98   | 293542   | 50.64 | ug/l    | 0.00        |
| Spiked Amount 50.000        |        |      | Recovery | =     | 101.28% |             |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 104609   | 47.44 | ug/l    | 0.00        |
| Spiked Amount 50.000        |        |      | Recovery | =     | 94.88%  |             |
| Target Compounds            |        |      |          |       |         |             |
| 95) Naphthalene             | 14.095 | 128  | 4840     | 2.12  | ug/l    | Qvalue # 94 |
| -----                       |        |      |          |       |         |             |

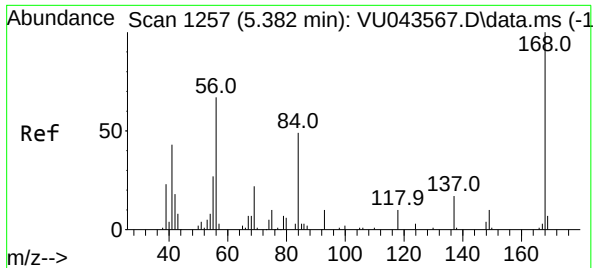
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu May 06 07:26:23 2021  
Response via : Initial Calibration

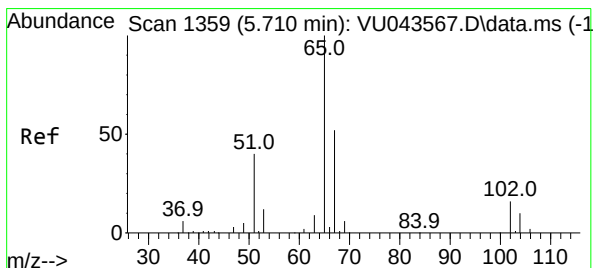
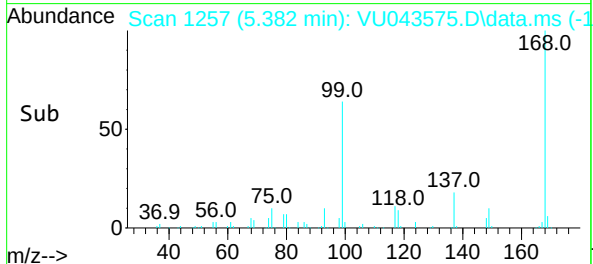
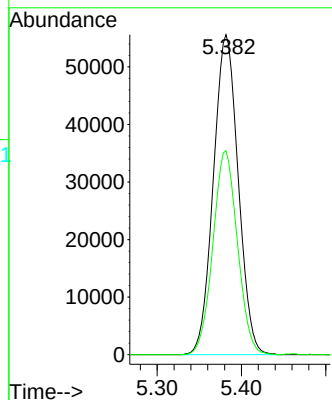
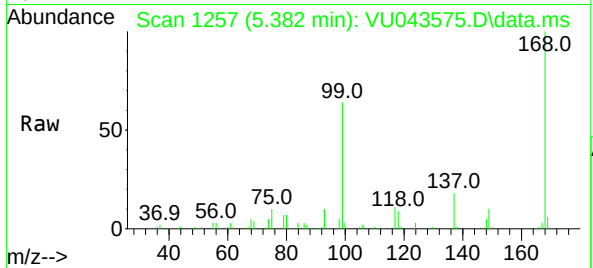




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

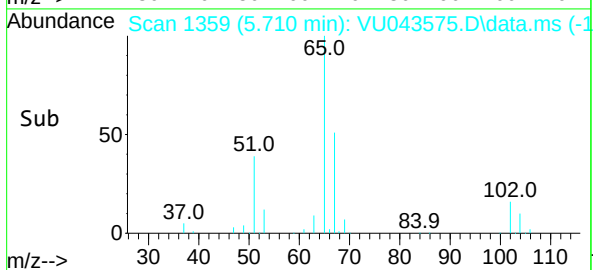
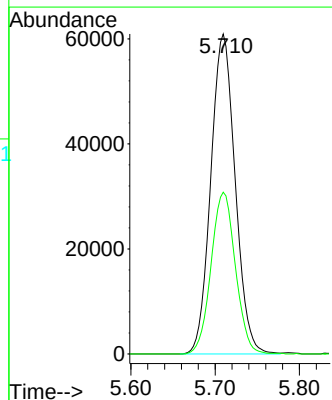
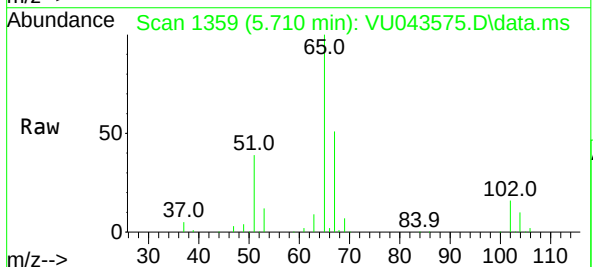
Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-TB-20210428

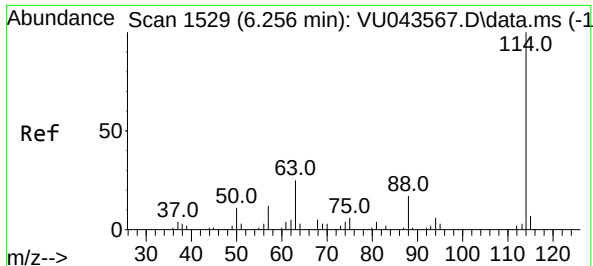
Tgt Ion:168 Resp: 113675  
Ion Ratio Lower Upper  
168 100  
99 63.7 49.0 73.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.21 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

Tgt Ion: 65 Resp: 122456  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.000 min

Lab File: VU043575.D

Acq: 06 May 2021 12:08

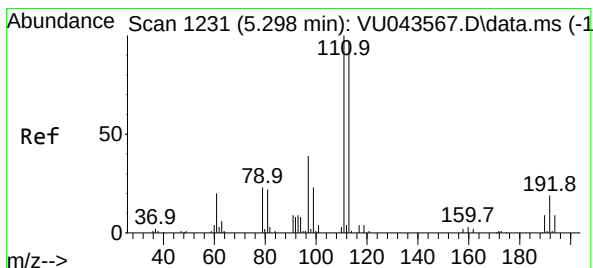
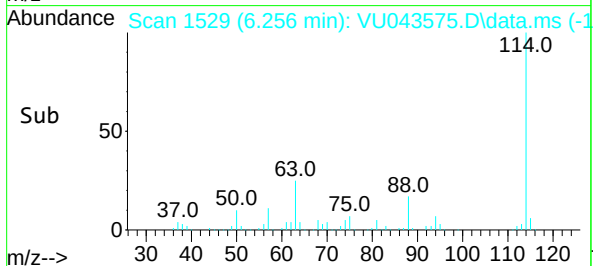
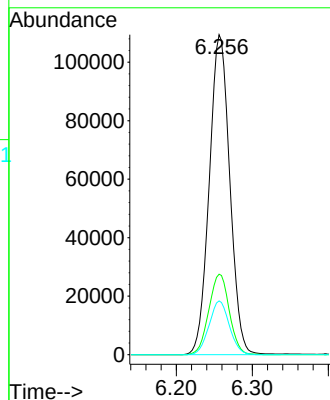
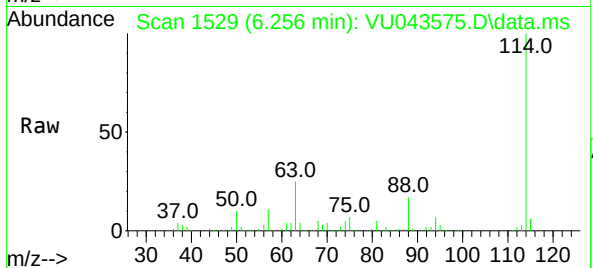
Tgt Ion:114 Resp: 204983

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.56 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU043575.D

Acq: 06 May 2021 12:08

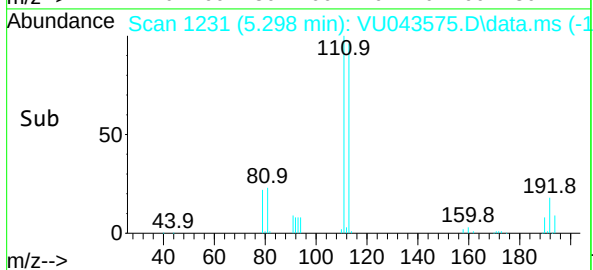
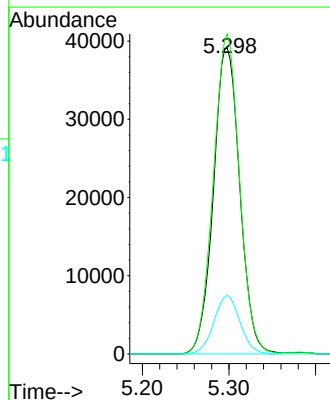
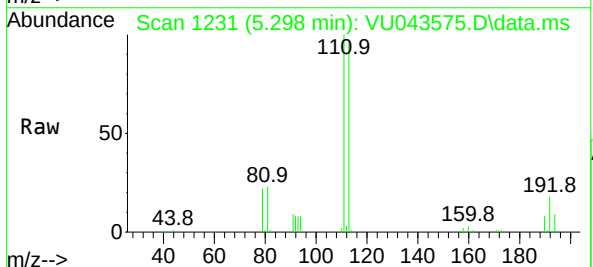
Tgt Ion:113 Resp: 82657

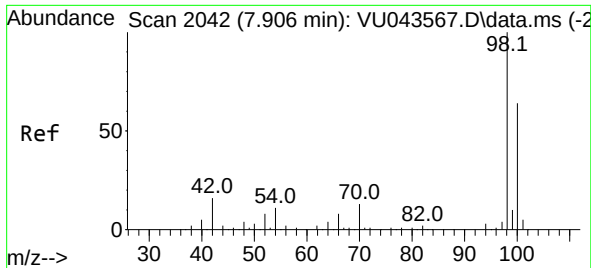
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 18.9 15.8 23.6

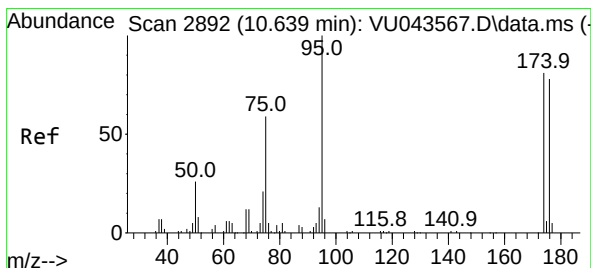
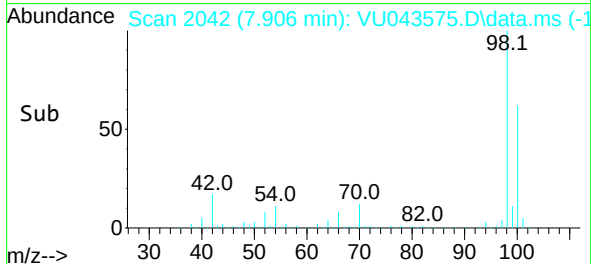
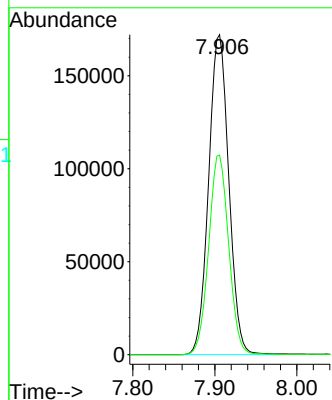
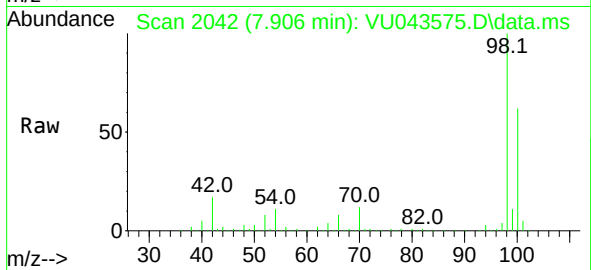




#50  
Toluene-d8  
Concen: 50.64 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

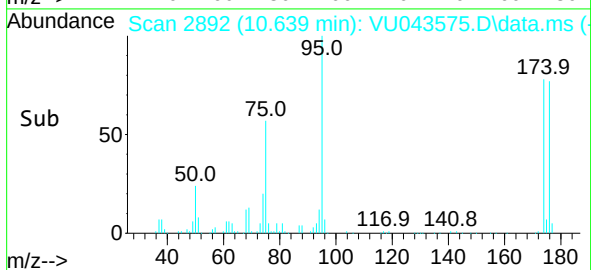
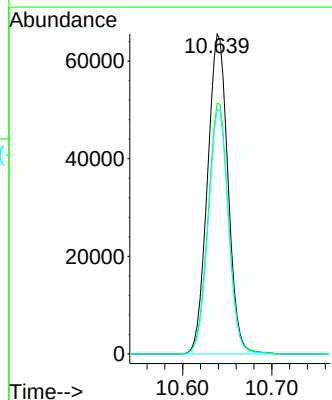
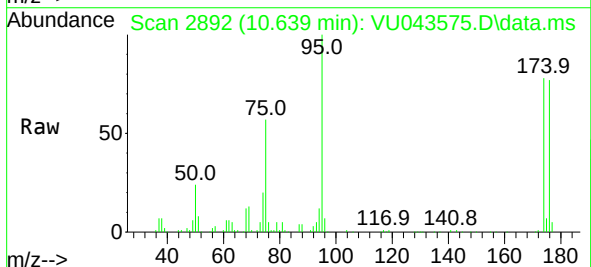
Instrument :  
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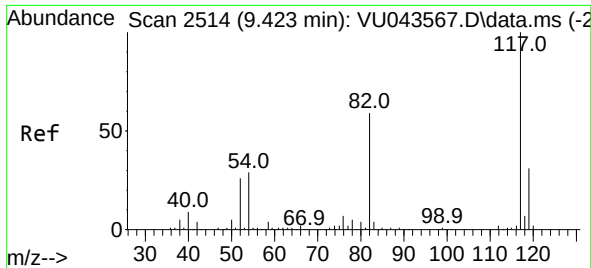
Tgt Ion: 98 Resp: 293542  
Ion Ratio Lower Upper  
98 100  
100 62.1 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 47.44 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

Tgt Ion: 95 Resp: 104609  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 158.8  
176 75.5 0.0 155.6

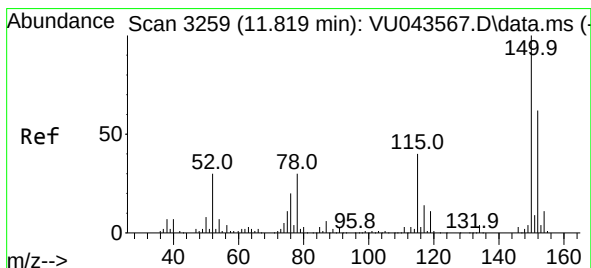
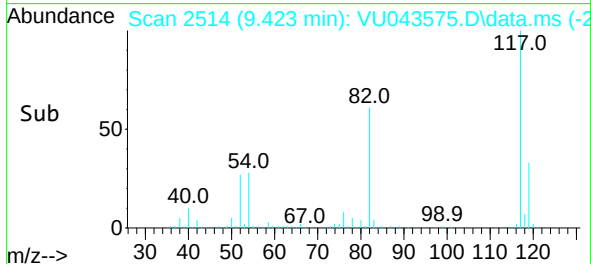
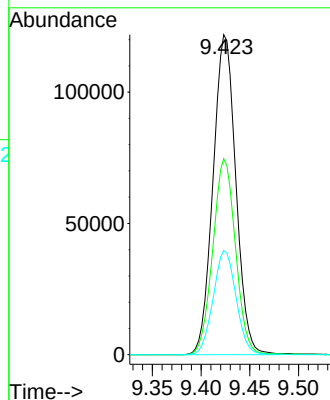
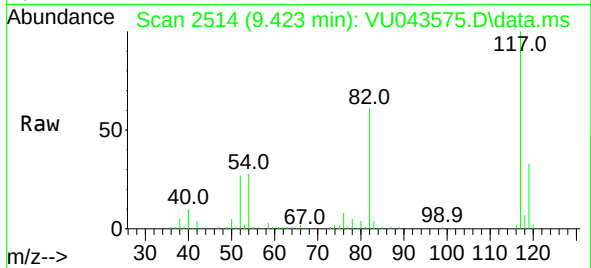




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

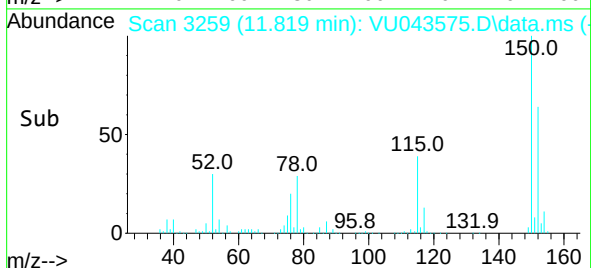
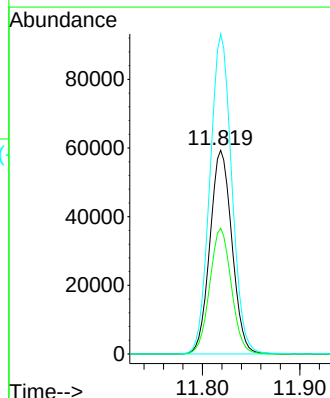
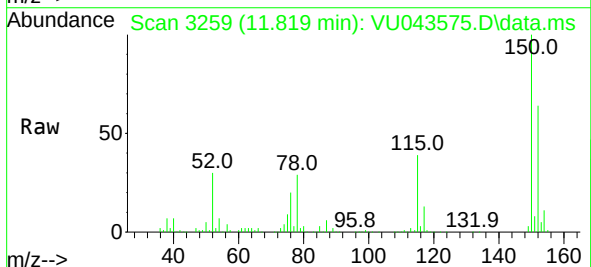
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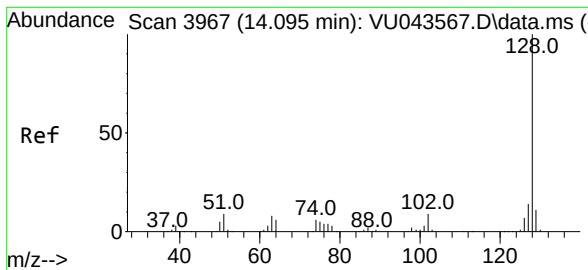
Tgt Ion:117 Resp: 198352  
Ion Ratio Lower Upper  
117 100  
82 61.3 47.5 71.3  
119 32.6 24.7 37.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

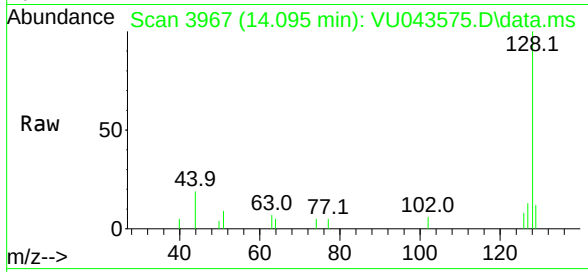
Tgt Ion:152 Resp: 93051  
Ion Ratio Lower Upper  
152 100  
115 60.5 46.1 138.3  
150 156.2 0.0 361.0





#95  
Naphthalene  
Concen: 2.12 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU043575.D  
Acq: 06 May 2021 12:08

Instrument :  
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Tgt Ion:128 Resp: 4840  
Ion Ratio Lower Upper  
128 100  
127 10.2 10.7 16.1#  
129 9.8 8.6 12.8

