

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081122\  
 Data File : VD074041.D  
 Acq On : 11 Aug 2022 14:56  
 Operator : VA/SY  
 Sample : N4130-05  
 Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB05

Quant Time: Aug 11 18:02:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081022S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 14:55:58 2022  
 Response via : Initial Calibration

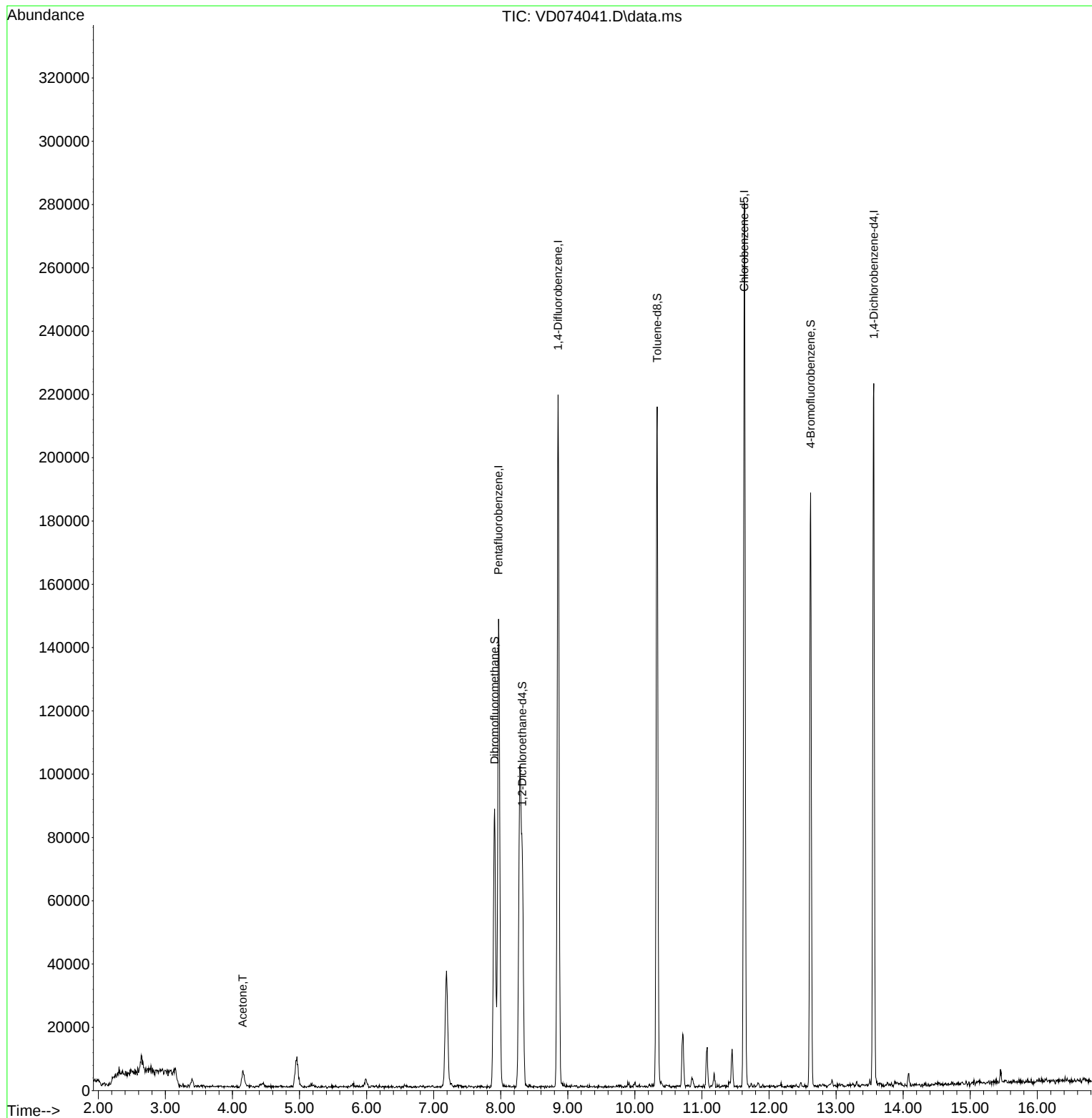
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.967  | 168   | 104309   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.855  | 114   | 179767   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.632 | 117   | 156999   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 58317    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.320  | 65    | 52295    | 65.929   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 131.860%    |
| 35) Dibromofluoromethane    | 7.908  | 113   | 61226    | 51.278   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 102.560%    |
| 50) Toluene-d8              | 10.332 | 98    | 143369   | 45.376   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 90.760%     |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 57767    | 39.342   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 78.680%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.150  | 43    | 9220     | 55.242   | ug/l  | Qvalue # 83 |
| -----                       |        |       |          |          |       |             |

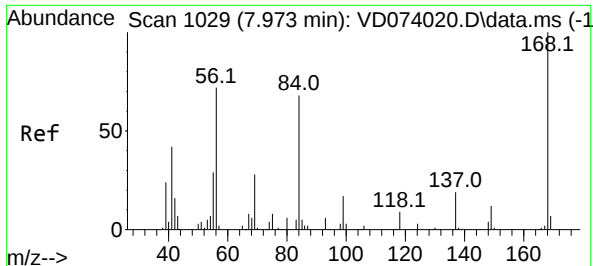
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_D  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081022S.M  
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QLast Update : Wed Aug 10 14:55:58 2022  
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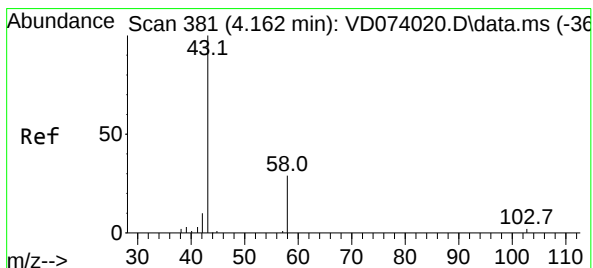
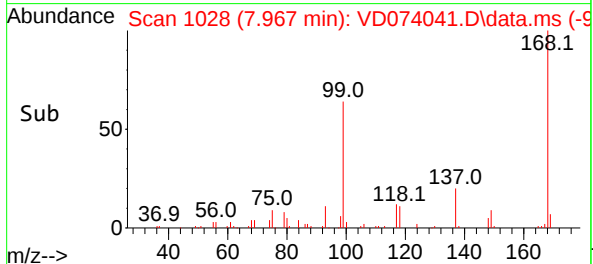
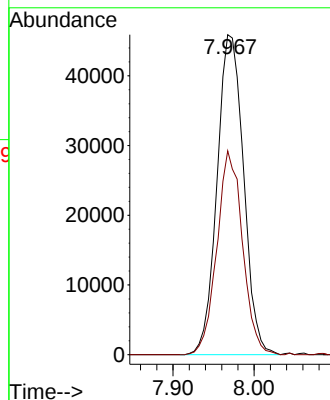
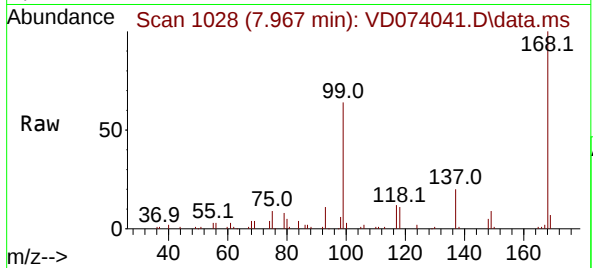




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.967 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: VD074041.D  
Acq: 11 Aug 2022 14:56

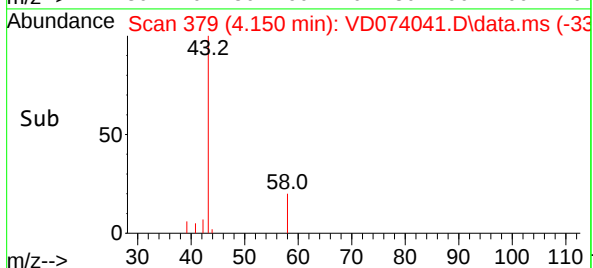
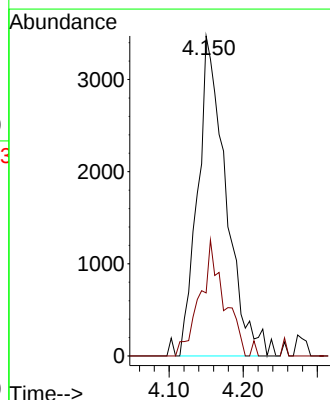
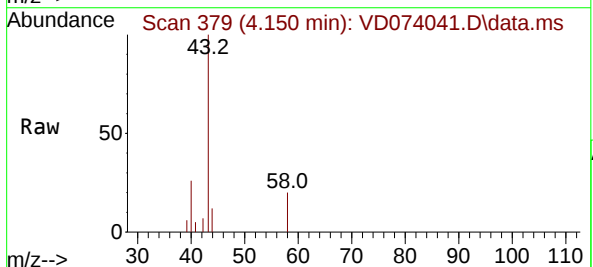
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB05

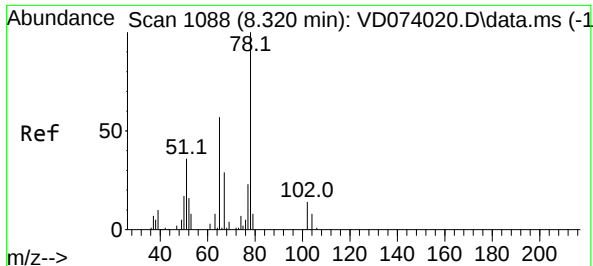
Tgt Ion:168 Resp: 104309  
Ion Ratio Lower Upper  
168 100  
99 63.7 48.3 72.5



#16  
Acetone  
Concen: 55.242 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VD074041.D  
Acq: 11 Aug 2022 14:56

Tgt Ion: 43 Resp: 9220  
Ion Ratio Lower Upper  
43 100  
58 19.7 22.8 34.2#





#33

1,2-Dichloroethane-d4

Concen: 65.929 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074041.D

Acq: 11 Aug 2022 14:56

Instrument :

MSVOA\_D

ClientSampleId :

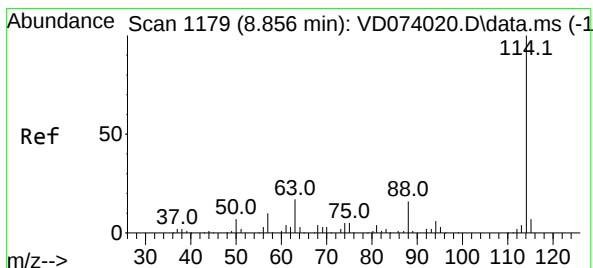
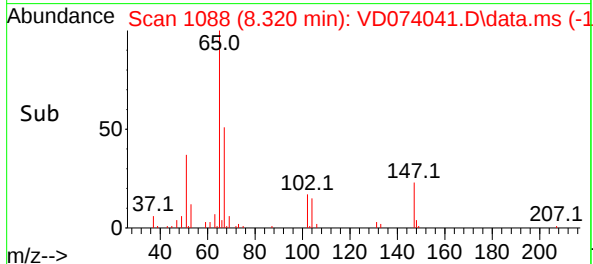
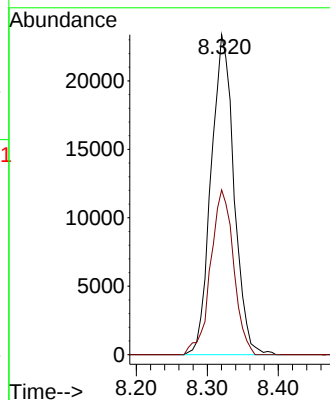
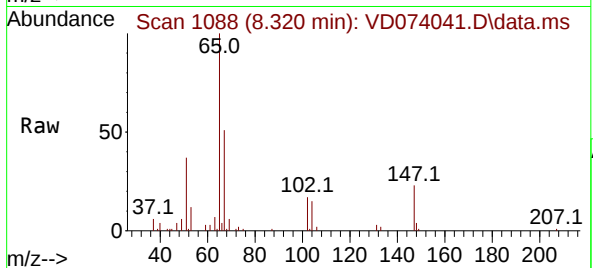
SB05

Tgt Ion: 65 Resp: 52295

Ion Ratio Lower Upper

65 100

67 51.8 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074041.D

Acq: 11 Aug 2022 14:56

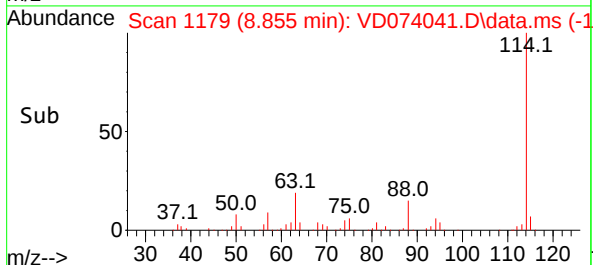
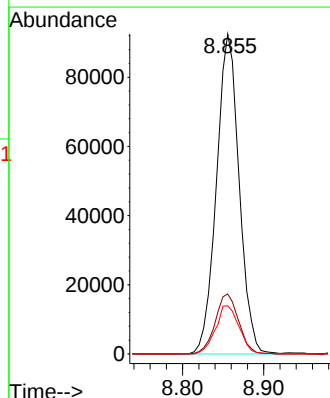
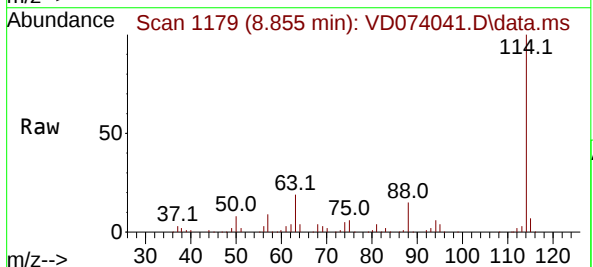
Tgt Ion: 114 Resp: 179767

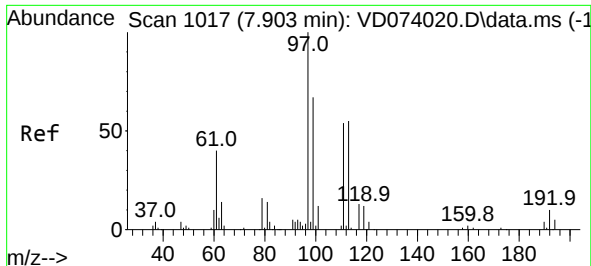
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.278 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.005 min

Lab File: VD074041.D

Acq: 11 Aug 2022 14:56

Instrument :

MSVOA\_D

ClientSampleId :

SB05

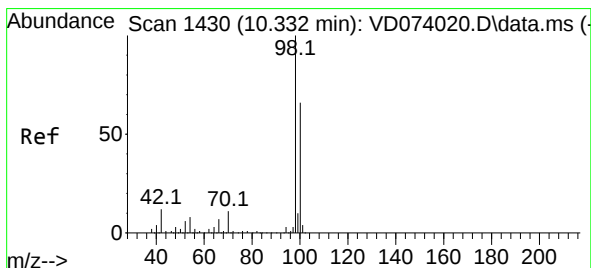
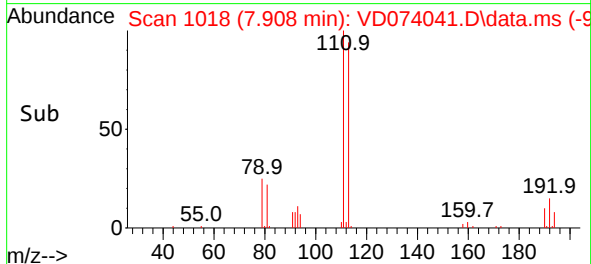
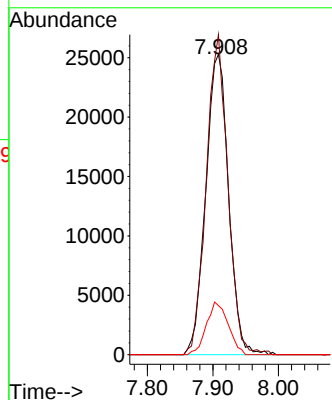
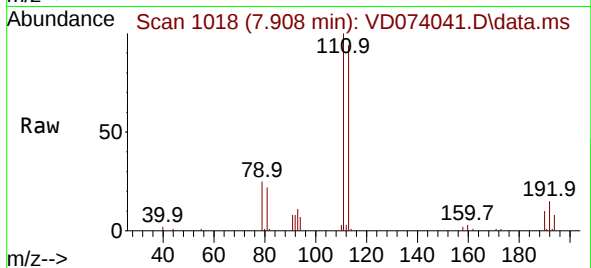
Tgt Ion:113 Resp: 61226

Ion Ratio Lower Upper

113 100

111 100.6 80.0 120.0

192 16.7 14.2 21.4



#50

Toluene-d8

Concen: 45.376 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074041.D

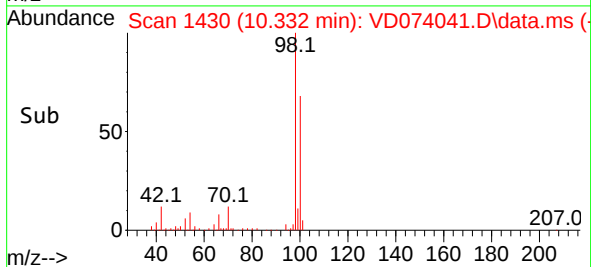
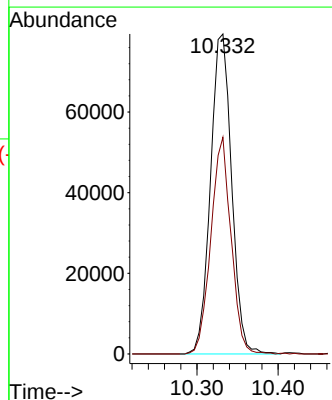
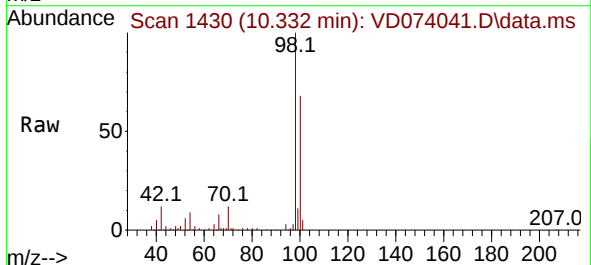
Acq: 11 Aug 2022 14:56

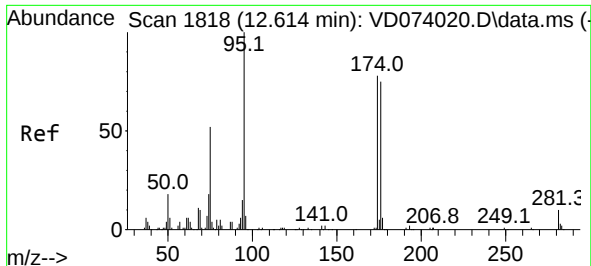
Tgt Ion: 98 Resp: 143369

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9

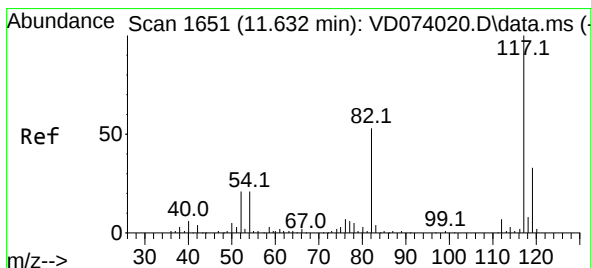
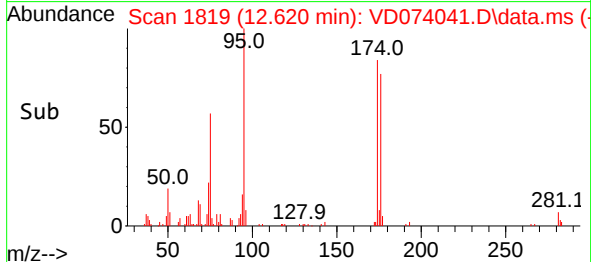
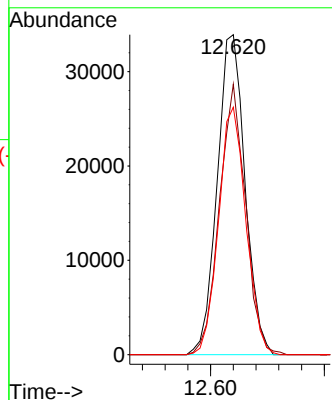
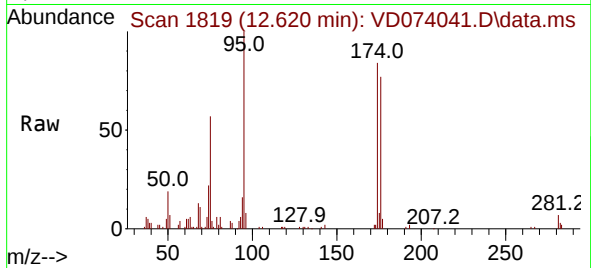




#62  
4-Bromofluorobenzene  
Concen: 39.342 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: VD074041.D  
Acq: 11 Aug 2022 14:56

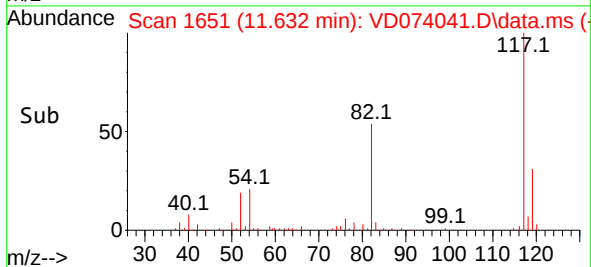
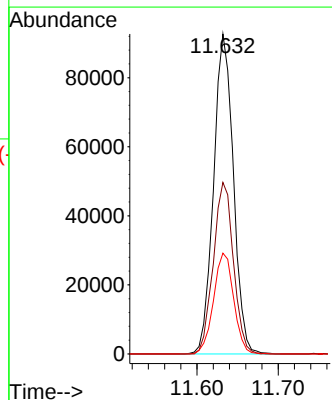
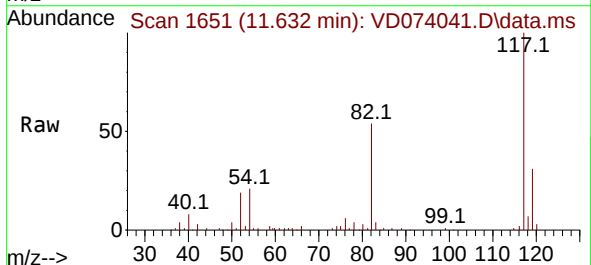
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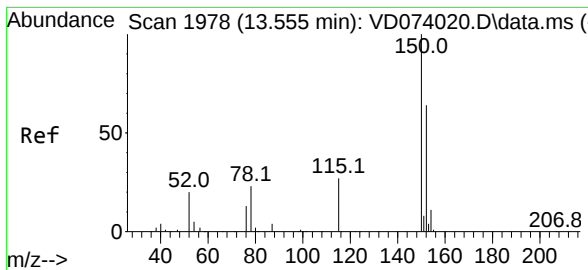
Tgt Ion: 95 Resp: 57767  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 162.6  
176 76.0 0.0 160.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: VD074041.D  
Acq: 11 Aug 2022 14:56

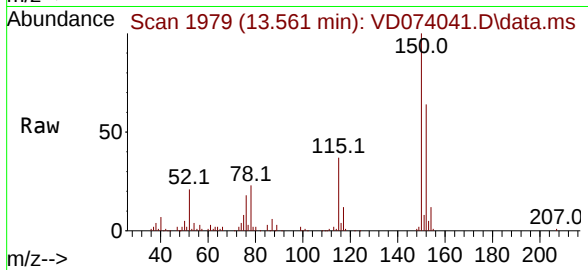
Tgt Ion: 117 Resp: 156999  
Ion Ratio Lower Upper  
117 100  
82 53.6 42.7 64.1  
119 31.5 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. 0.006 min  
 Lab File: VD074041.D  
 Acq: 11 Aug 2022 14:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB05



Tgt Ion:152 Resp: 58317  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 29.9 89.8  
 150 155.7 0.0 342.8

