

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022222\  
 Data File : VD072048.D  
 Acq On : 22 Feb 2022 10:53  
 Operator : VA/SY  
 Sample : VD0222SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD00222SBL01

Quant Time: Feb 23 05:28:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 19 04:05:38 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 437874   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 750566   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 676799   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 305860   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 254622   | 56.059   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 112.120% |
| 35) Dibromofluoromethane    | 7.908  | 113   | 241353   | 53.074   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 106.140% |
| 50) Toluene-d8              | 10.338 | 98    | 901604   | 53.464   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 106.920% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 297225   | 47.982   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 95.960%  |

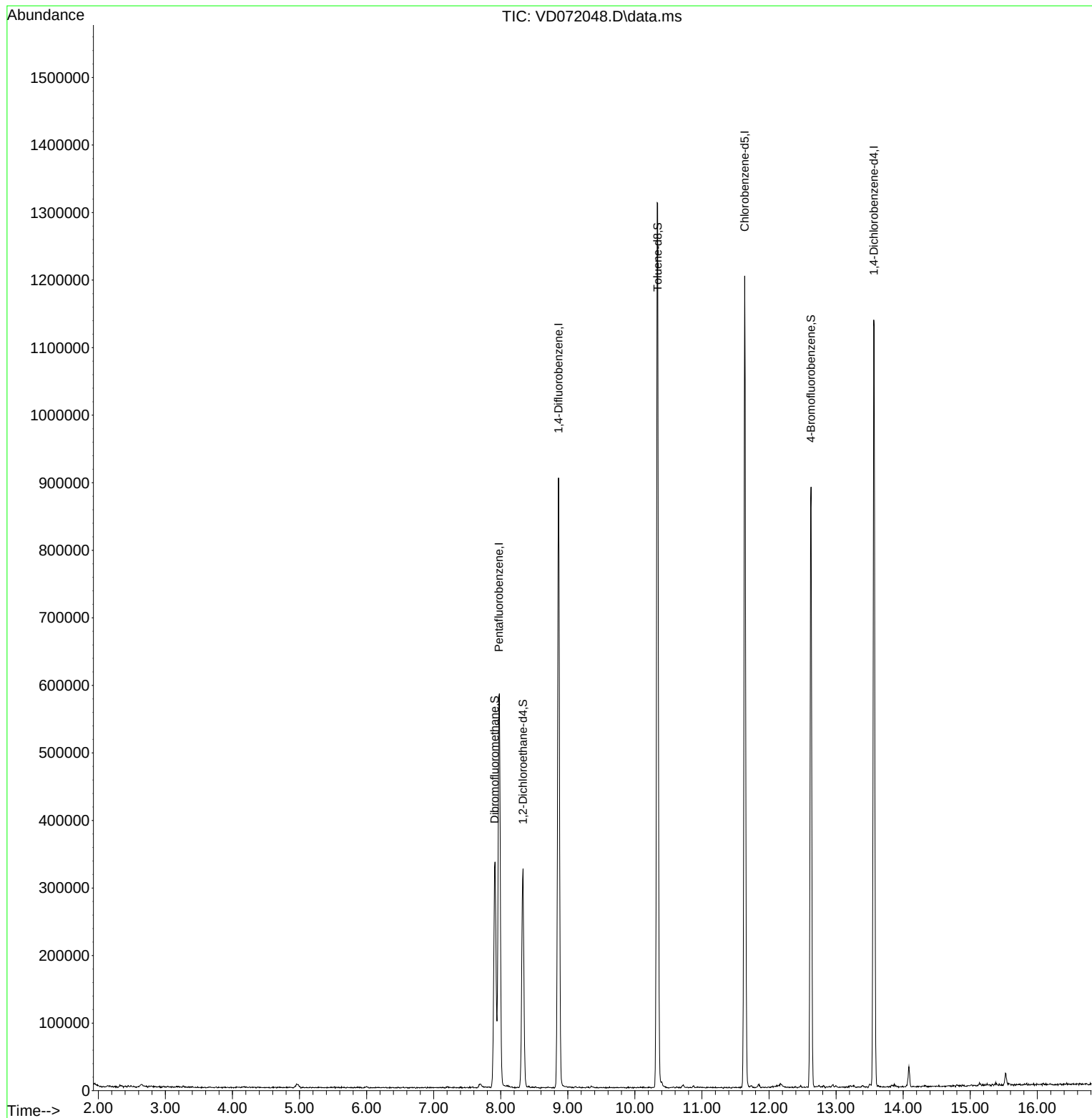
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

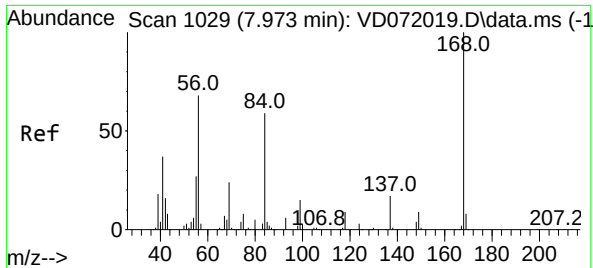
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022222\  
Data File : VD072048.D  
Acq On : 22 Feb 2022 10:53  
Operator : VA/SY  
Sample : VD0222SBL01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD00222SBL01

Quant Time: Feb 23 05:28:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 19 04:05:38 2022  
Response via : Initial Calibration

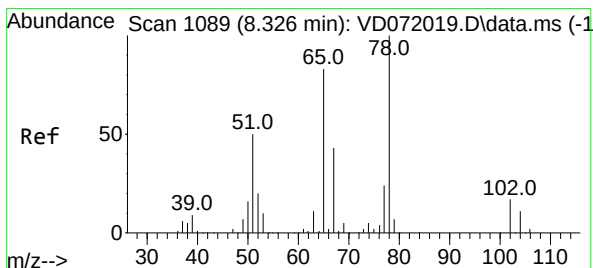
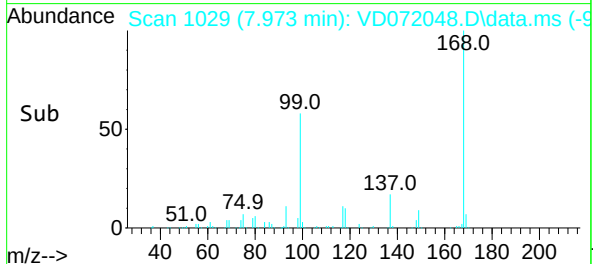
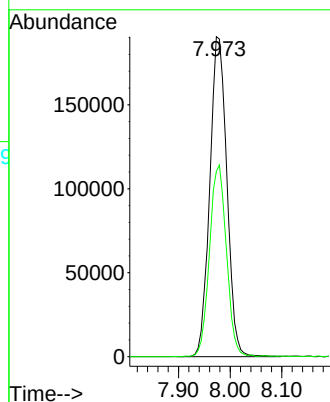
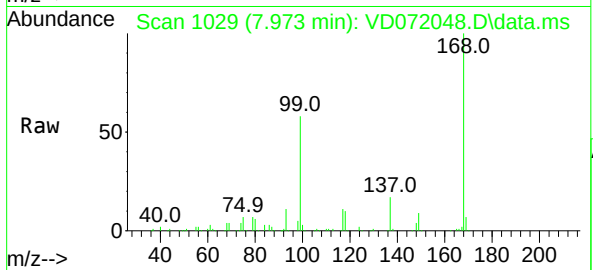




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

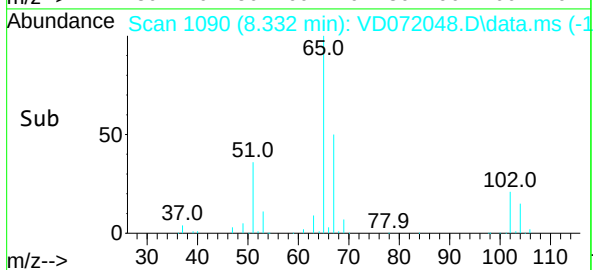
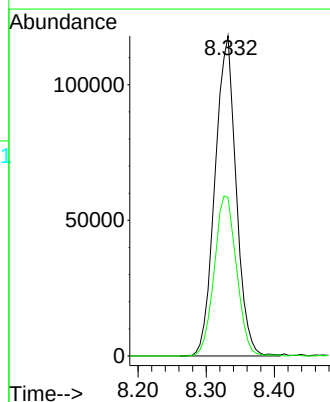
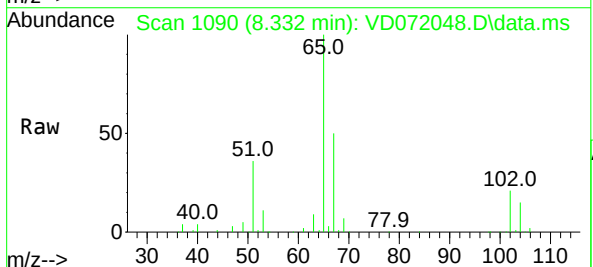
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD00222SBL01

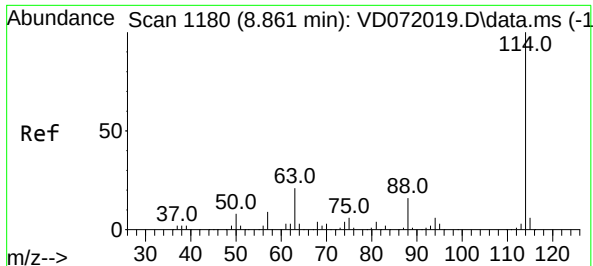
Tgt Ion:168 Resp: 437874  
Ion Ratio Lower Upper  
168 100  
99 57.9 47.1 70.7



#33  
1,2-Dichloroethane-d4  
Concen: 56.059 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

Tgt Ion: 65 Resp: 254622  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072048.D

Acq: 22 Feb 2022 10:53

Instrument :

MSVOA\_D

ClientSampleId :

VD00222SBL01

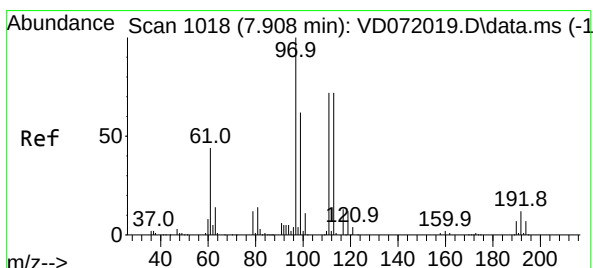
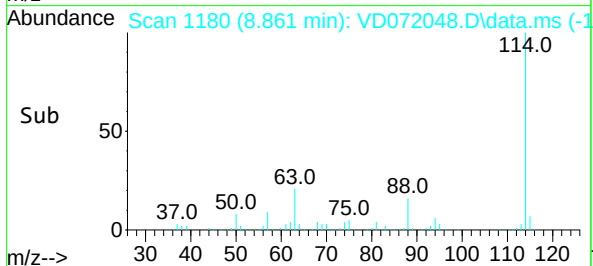
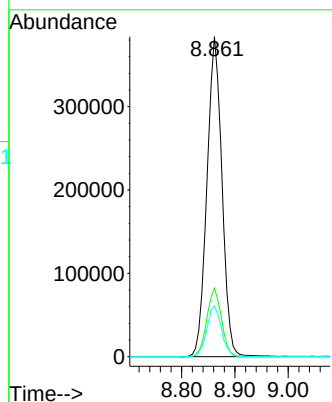
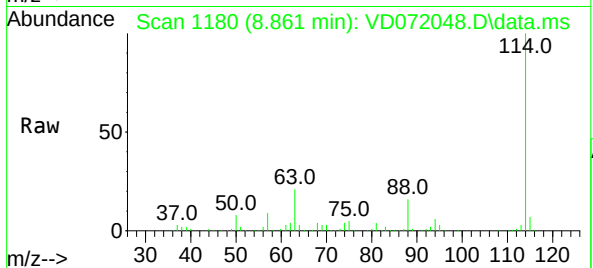
Tgt Ion:114 Resp: 750566

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 15.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 53.074 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072048.D

Acq: 22 Feb 2022 10:53

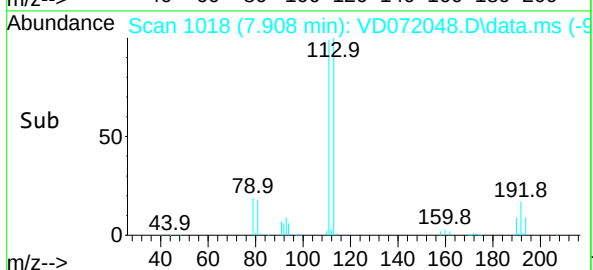
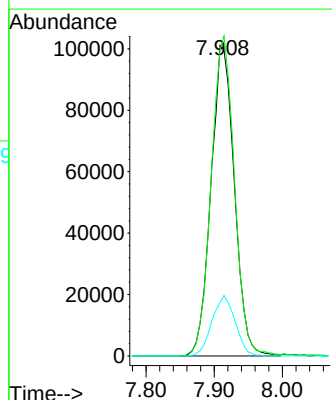
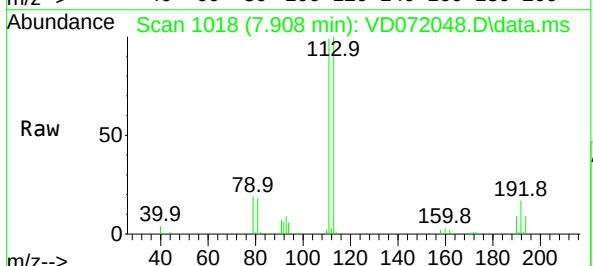
Tgt Ion:113 Resp: 241353

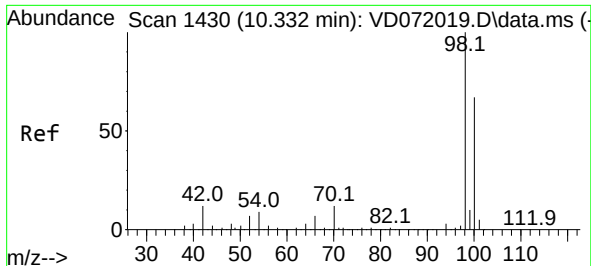
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 19.3 15.3 22.9

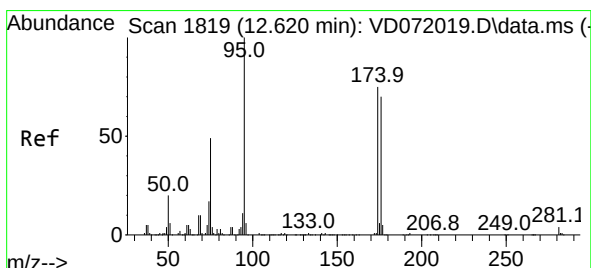
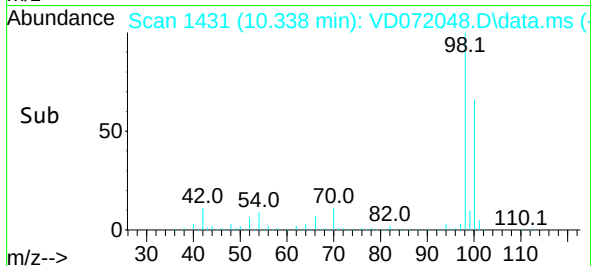
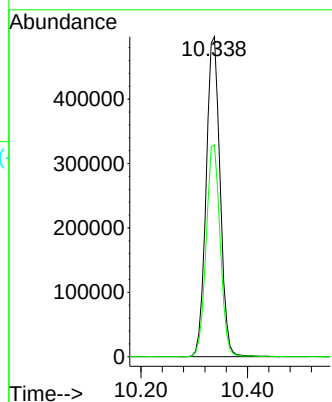
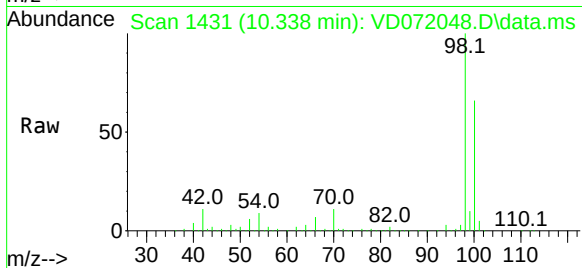




#50  
Toluene-d8  
Concen: 53.464 ug/l  
RT: 10.338 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

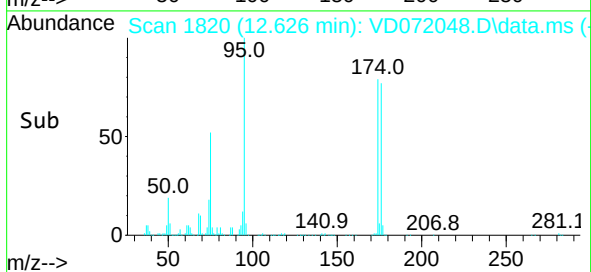
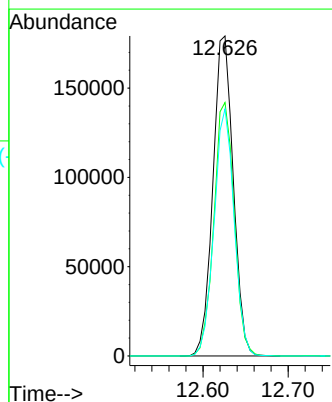
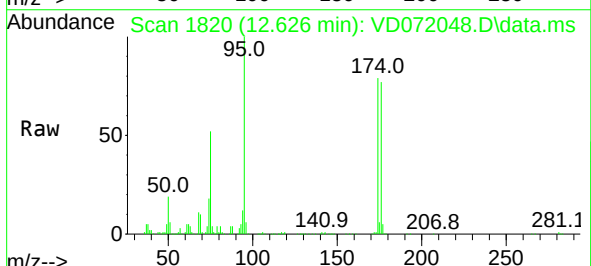
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD00222SBL01

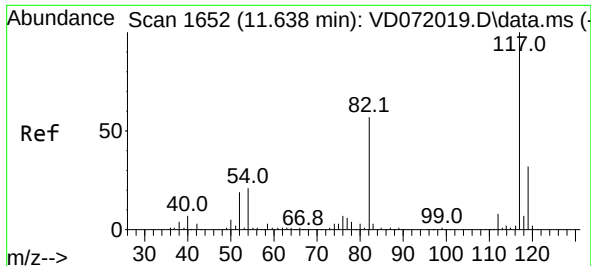
Tgt Ion: 98 Resp: 901604  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.8 80.6



#62  
4-Bromofluorobenzene  
Concen: 47.982 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.006 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

Tgt Ion: 95 Resp: 297225  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 155.0  
176 76.0 0.0 148.8

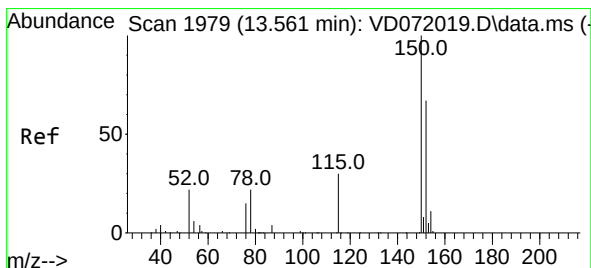
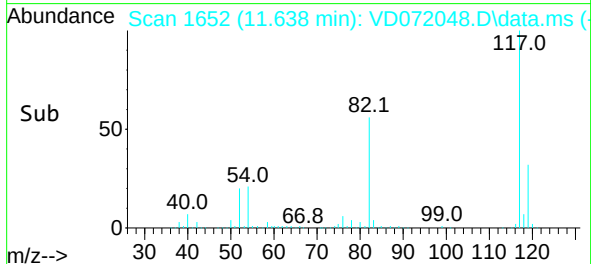
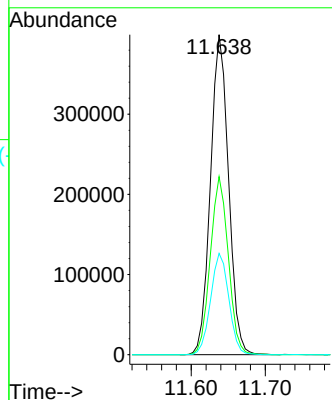
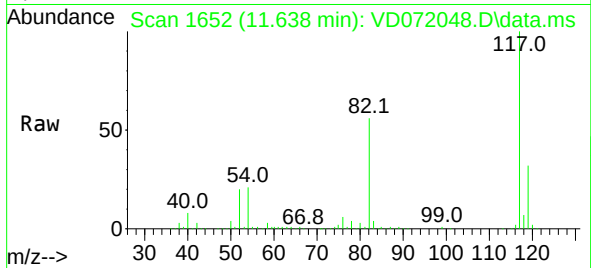




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD00222SBL01

Tgt Ion:117 Resp: 676799  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.4 68.0  
119 31.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD072048.D  
Acq: 22 Feb 2022 10:53

Tgt Ion:152 Resp: 305860  
Ion Ratio Lower Upper  
152 100  
115 60.2 29.9 89.7  
150 157.7 0.0 347.6

