

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD083024\  
 Data File : VD079763.D  
 Acq On : 30 Aug 2024 19:01  
 Operator : RP/MD  
 Sample : P3799-01  
 Misc : 5.01G/5.0ml/MSVOA\_D/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TEST-PITS-1-2

Quant Time: Aug 31 04:51:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D083024S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 15:57:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.881  | 168  | 105228   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.781  | 114  | 224512   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 217860   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 100088   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 72935    | 50.834   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 101.660% |
| 35) Dibromofluoromethane    | 7.810  | 113   | 67486    | 46.245   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 92.480%  |
| 50) Toluene-d8              | 10.269 | 98    | 283216   | 45.252   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 90.500%  |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 81334    | 46.444   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =    | 92.880%  |

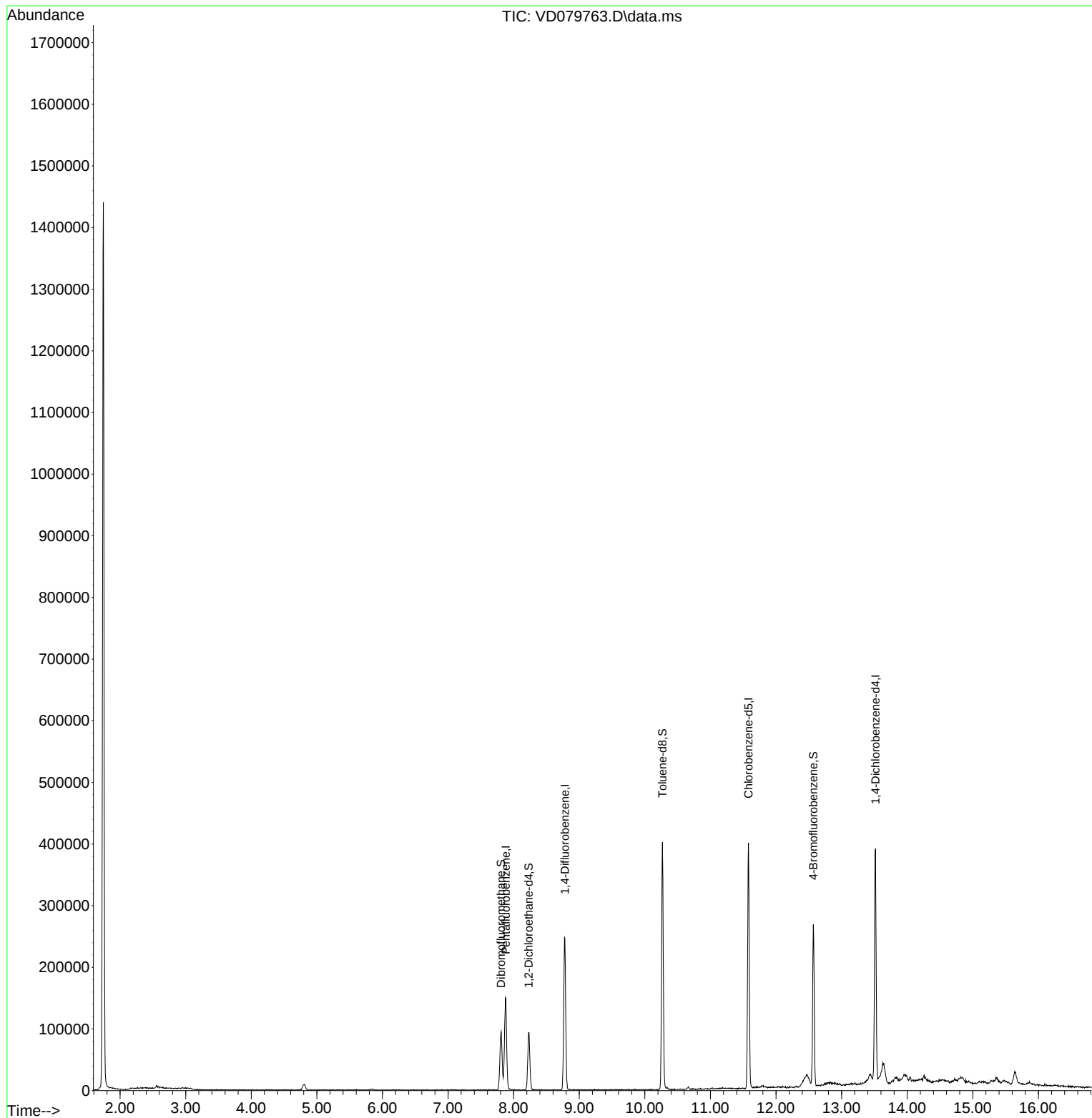
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

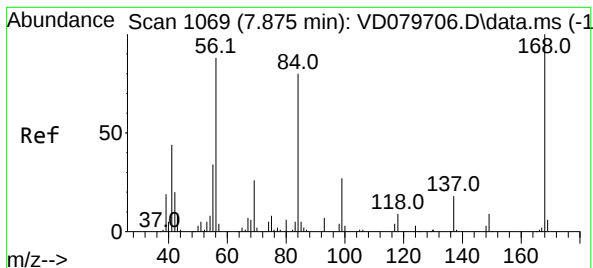
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD083024\  
Data File : VD079763.D  
Acq On : 30 Aug 2024 19:01  
Operator : RP/MD  
Sample : P3799-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TEST-PITS-1-2

Quant Time: Aug 31 04:51:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D083024S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 30 15:57:30 2024  
Response via : Initial Calibration

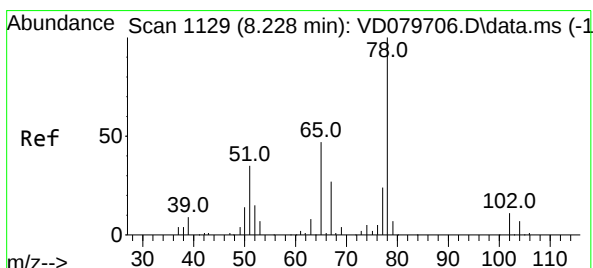
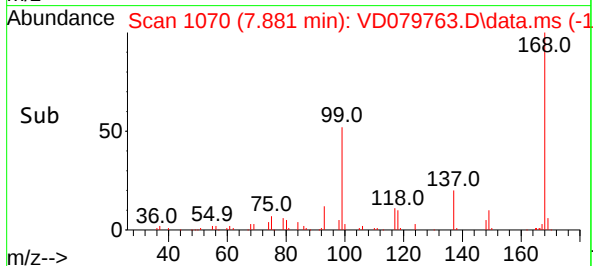
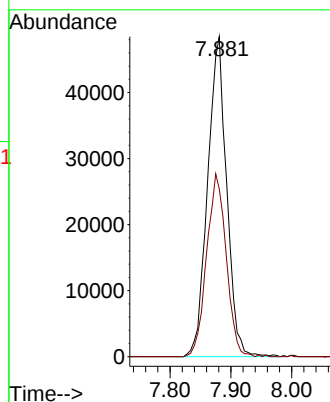
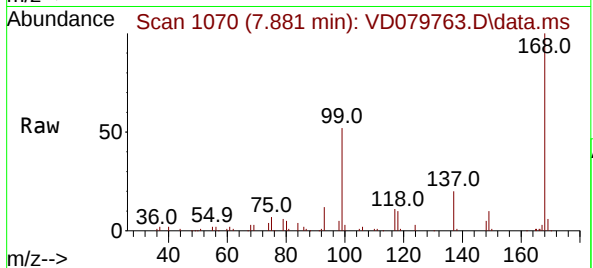




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

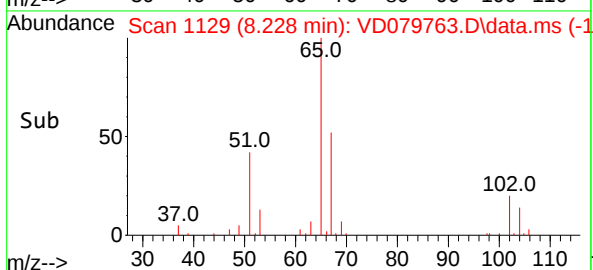
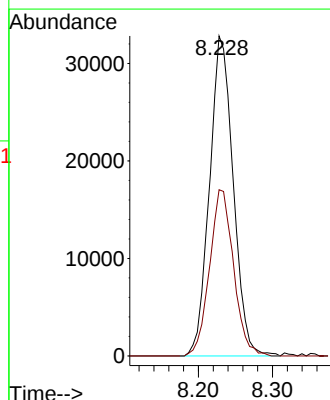
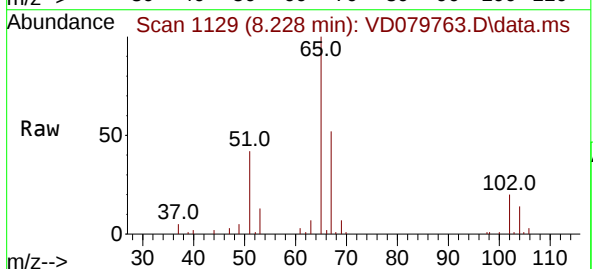
Instrument :  
MSVOA\_D  
ClientSampleId :  
TEST-PITS-1-2

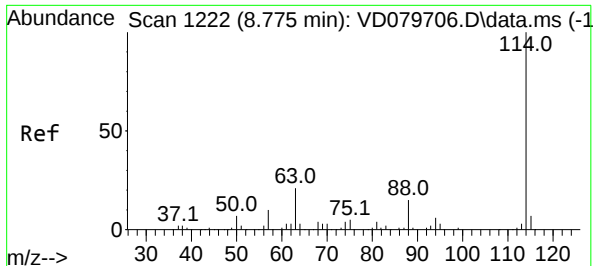
Tgt Ion:168 Resp: 105228  
Ion Ratio Lower Upper  
168 100  
99 52.5 41.1 61.7



#33  
1,2-Dichloroethane-d4  
Concen: 50.834 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

Tgt Ion: 65 Resp: 72935  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079763.D

Acq: 30 Aug 2024 19:01

Instrument :

MSVOA\_D

ClientSampleId :

TEST-PITS-1-2

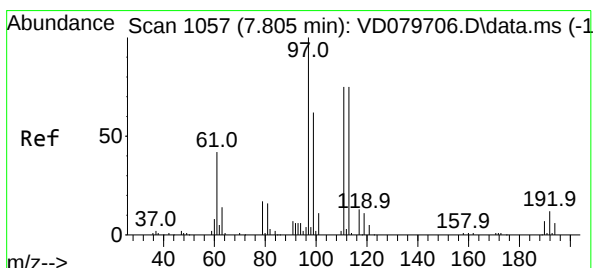
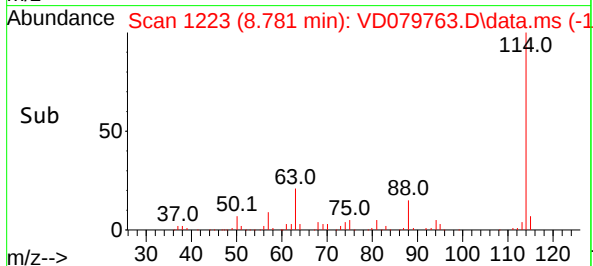
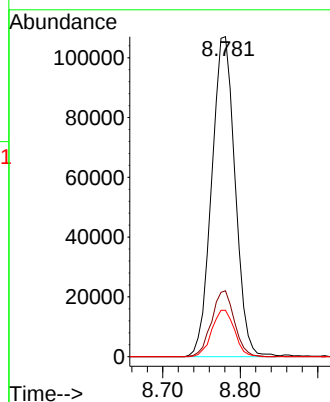
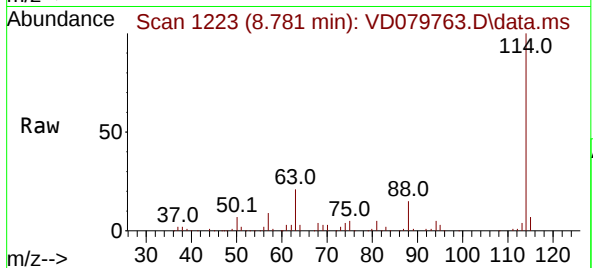
Tgt Ion:114 Resp: 224512

Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.245 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079763.D

Acq: 30 Aug 2024 19:01

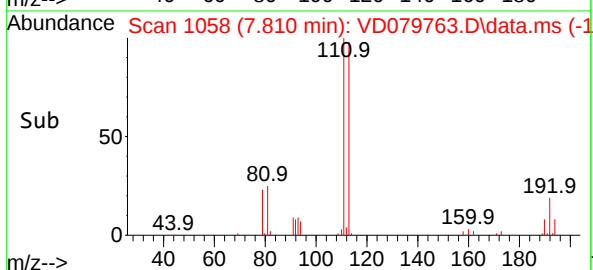
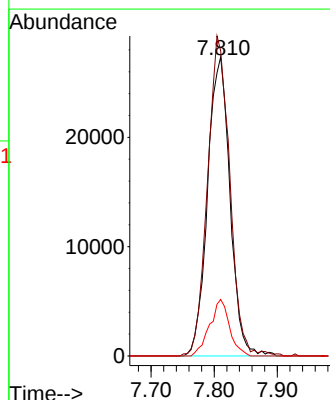
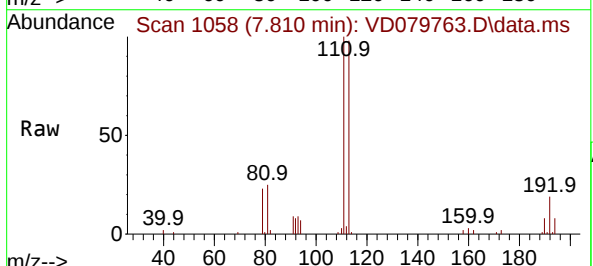
Tgt Ion:113 Resp: 67486

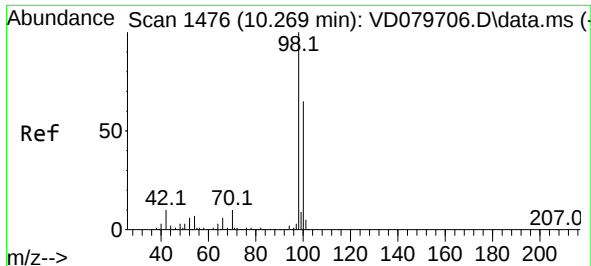
Ion Ratio Lower Upper

113 100

111 106.2 84.0 126.0

192 16.7 15.4 23.0

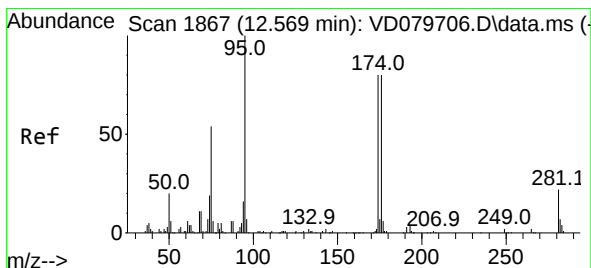
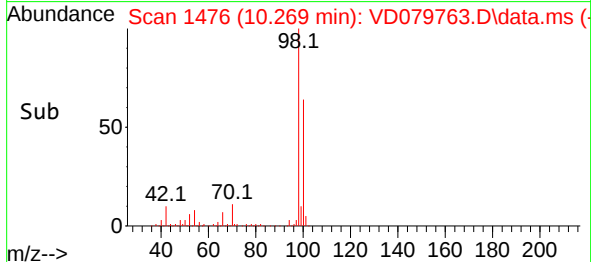
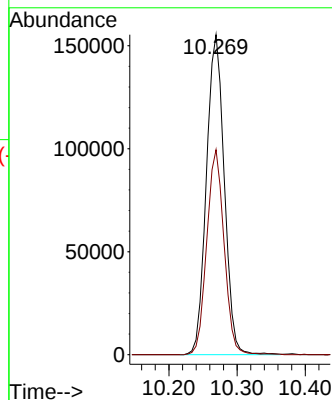
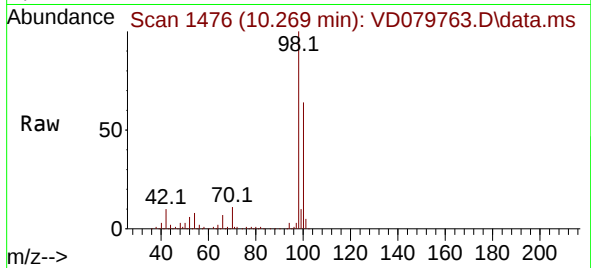




#50  
Toluene-d8  
Concen: 45.252 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

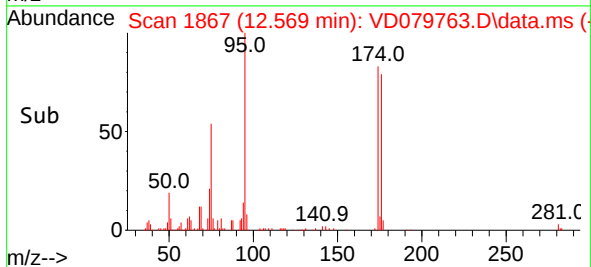
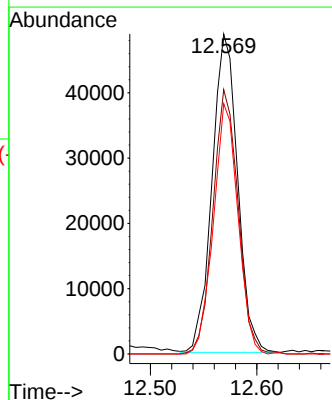
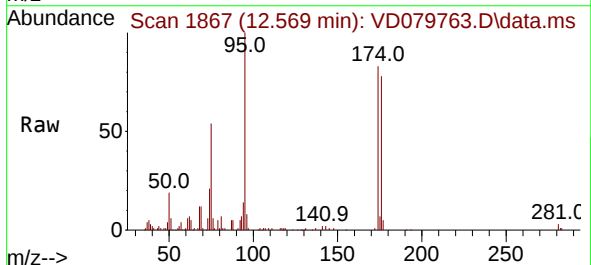
Instrument :  
MSVOA\_D  
ClientSampleId :  
TEST-PITS-1-2

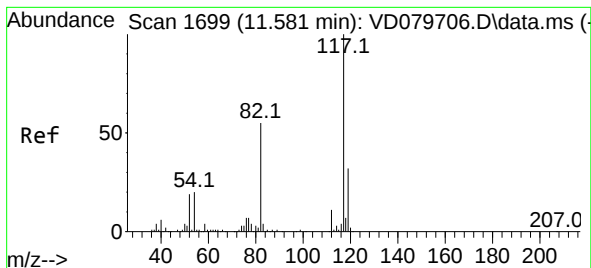
Tgt Ion: 98 Resp: 283216  
Ion Ratio Lower Upper  
98 100  
100 62.2 51.6 77.4



#62  
4-Bromofluorobenzene  
Concen: 46.444 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

Tgt Ion: 95 Resp: 81334  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 195.4  
176 75.5 0.0 192.6

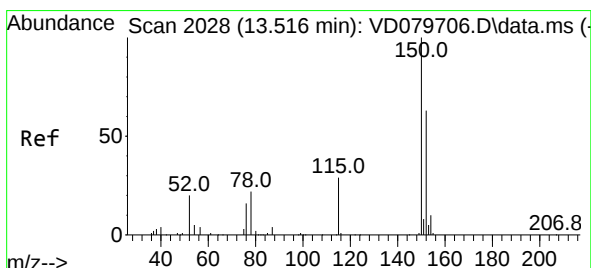
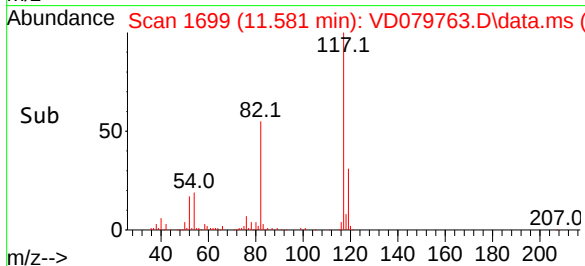
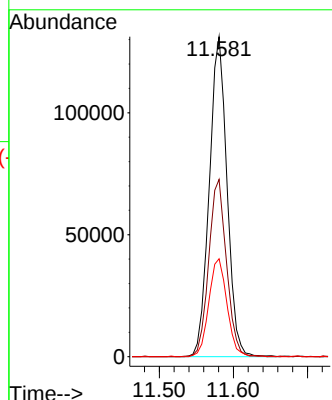
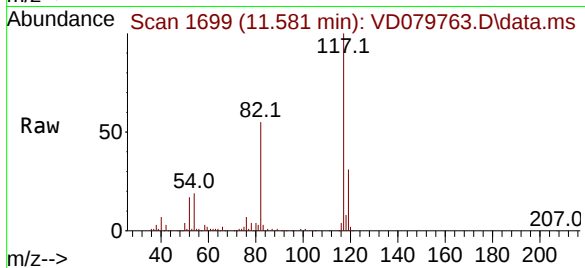




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
TEST-PITS-1-2

Tgt Ion:117 Resp: 217860  
Ion Ratio Lower Upper  
117 100  
82 55.4 39.8 59.6  
119 30.6 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: VD079763.D  
Acq: 30 Aug 2024 19:01

Tgt Ion:152 Resp: 100088  
Ion Ratio Lower Upper  
152 100  
115 61.2 26.5 79.5  
150 159.4 0.0 341.6

