

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012023\  
 Data File : VN076343.D  
 Acq On : 20 Jan 2023 13:13  
 Operator : JC\MD  
 Sample : 01248-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 20 22:14:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 405935   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 630678   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 534528   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 209485   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 209491   | 46.091   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 92.180% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 190865   | 48.380   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.760% |
| 50) Toluene-d8              | 10.571 | 98    | 718312   | 49.301   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.600% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 218615   | 45.962   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 91.920% |

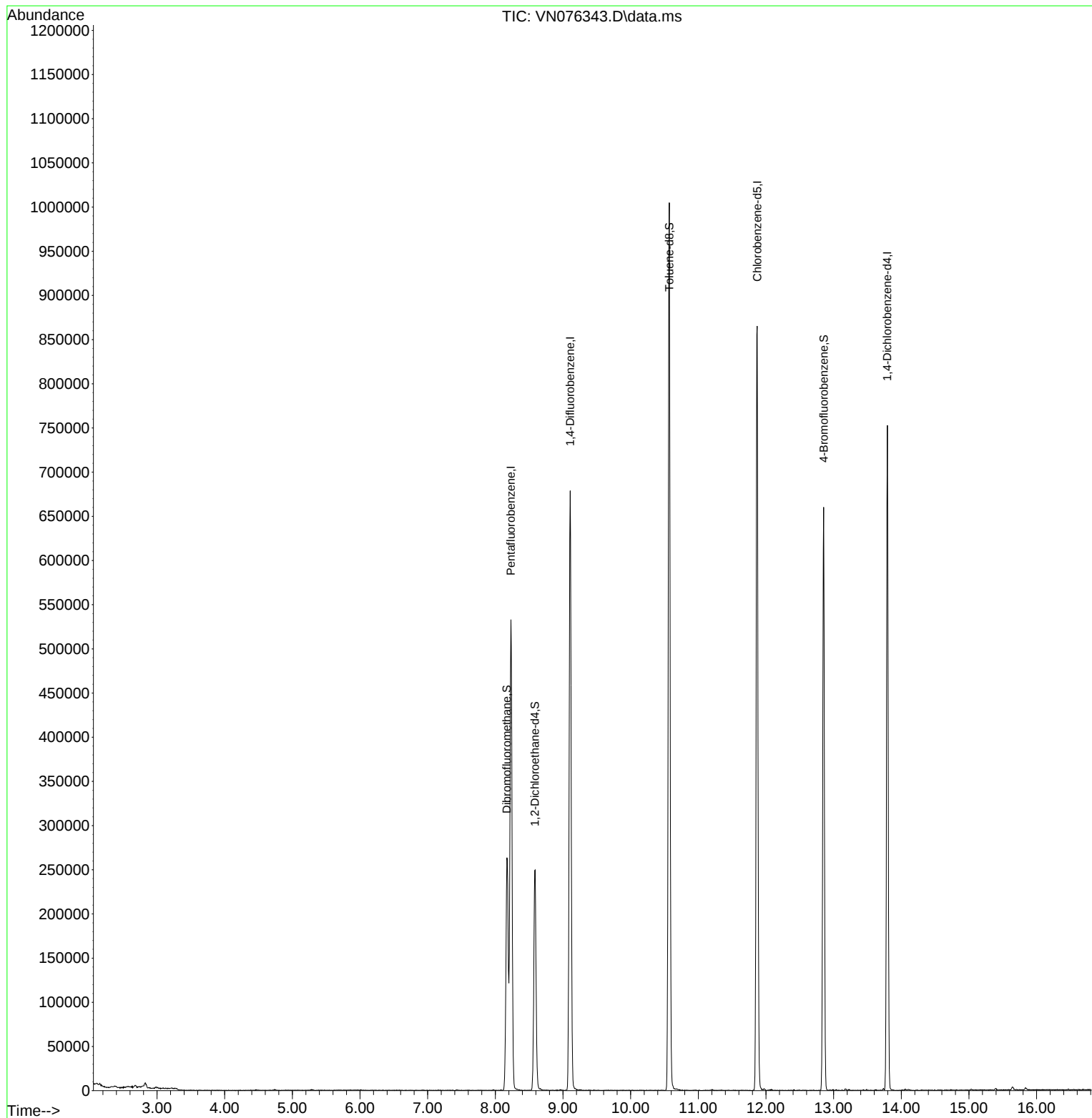
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

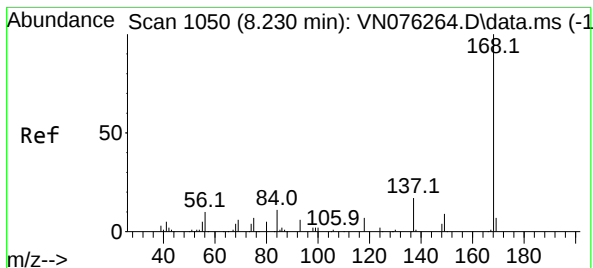
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 17 03:59:22 2023  
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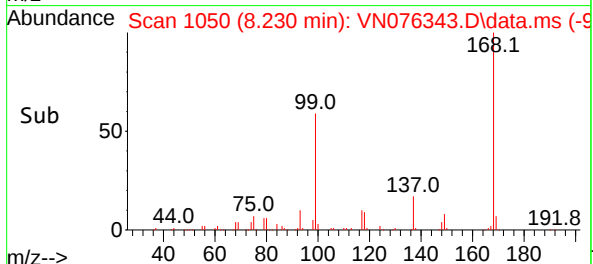
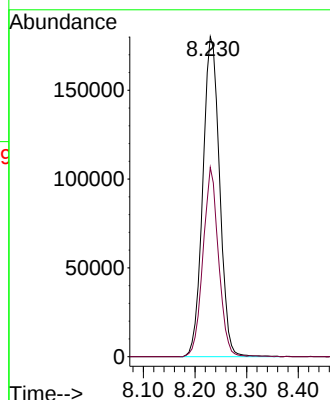
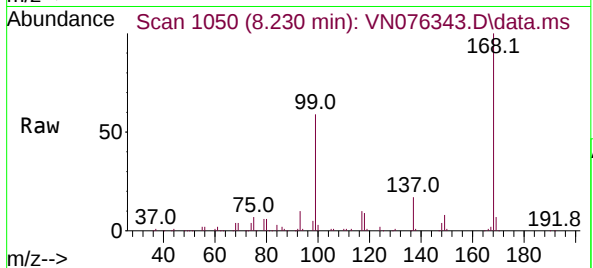




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

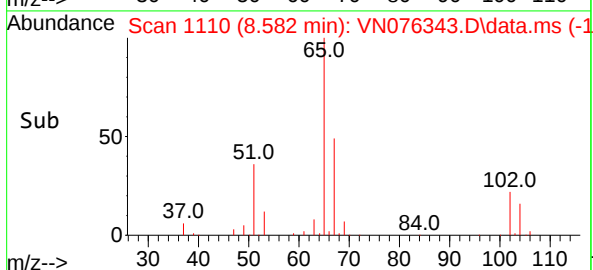
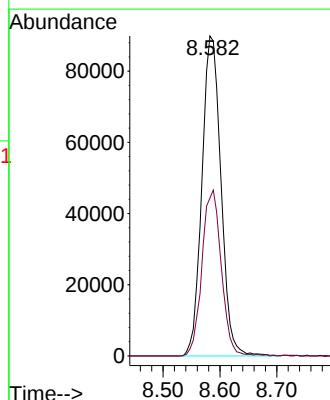
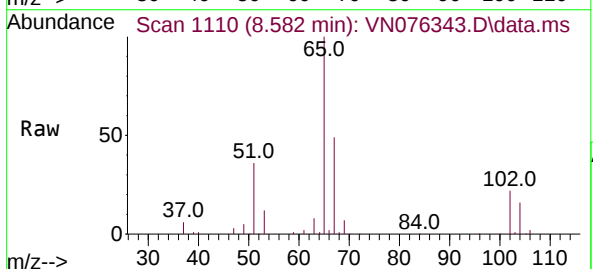
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

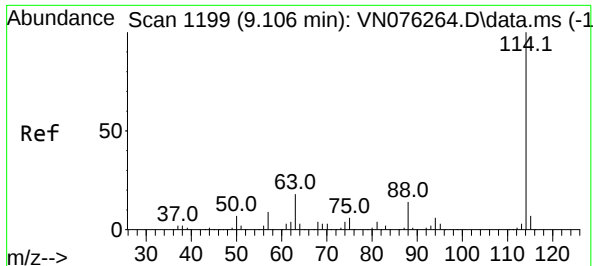
Tgt Ion:168 Resp: 405935  
Ion Ratio Lower Upper  
168 100  
99 59.1 41.6 62.4



#33  
1,2-Dichloroethane-d4  
Concen: 46.091 ug/l  
RT: 8.582 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

Tgt Ion: 65 Resp: 209491  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

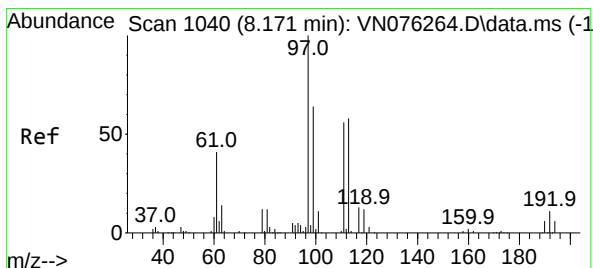
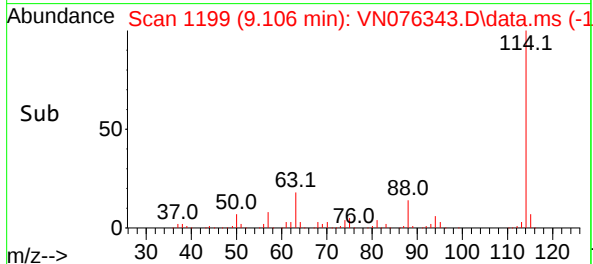
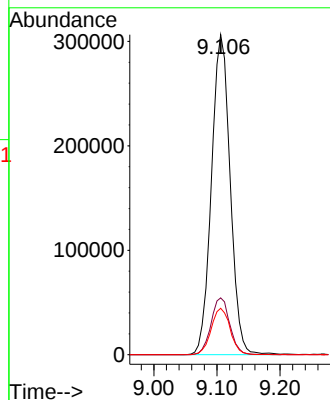
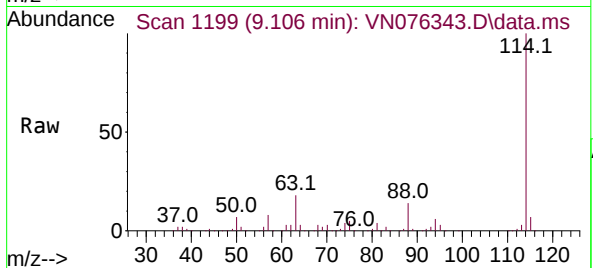
Tgt Ion:114 Resp: 630678

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.5 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.380 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

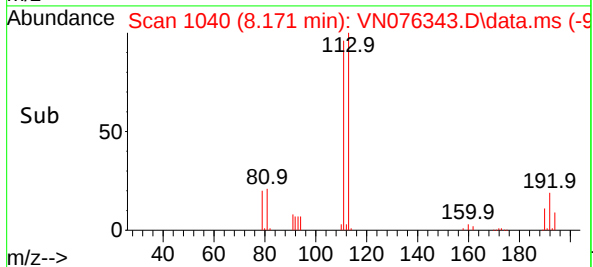
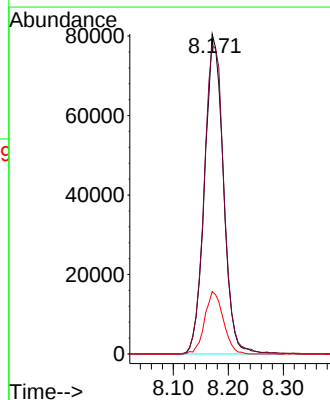
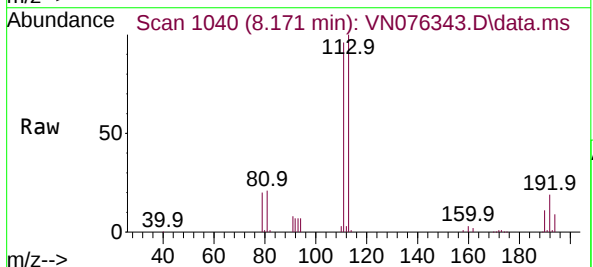
Tgt Ion:113 Resp: 190865

Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

192 19.4 15.6 23.4

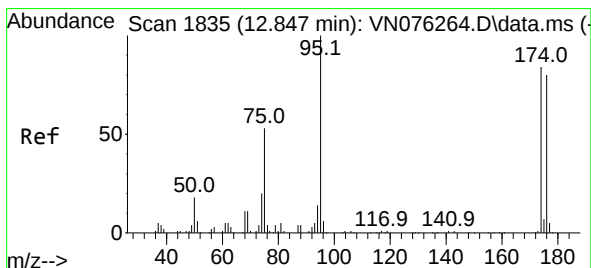
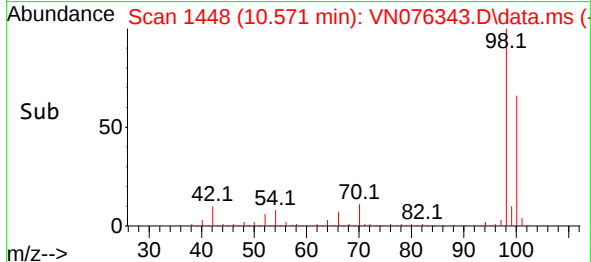
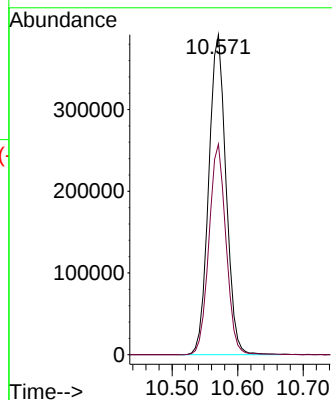
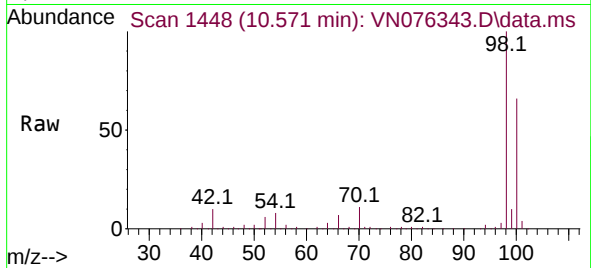




#50  
Toluene-d8  
Concen: 49.301 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

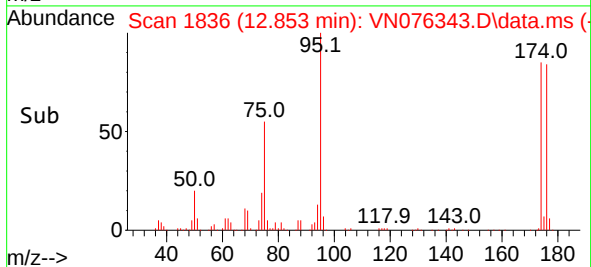
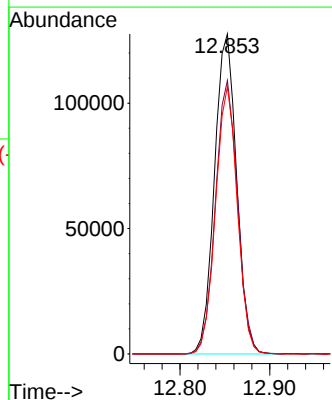
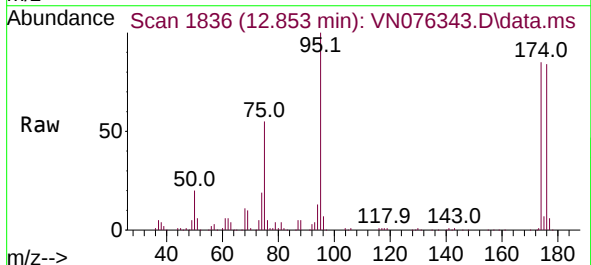
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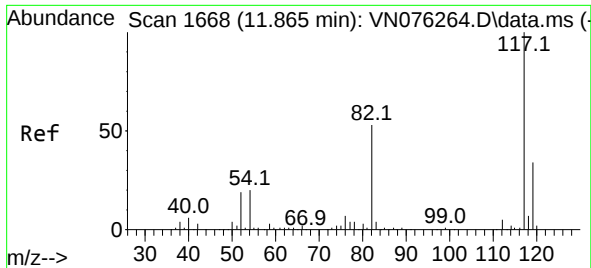
Tgt Ion: 98 Resp: 718312  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 45.962 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

Tgt Ion: 95 Resp: 218615  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 174.6  
176 82.1 0.0 167.8

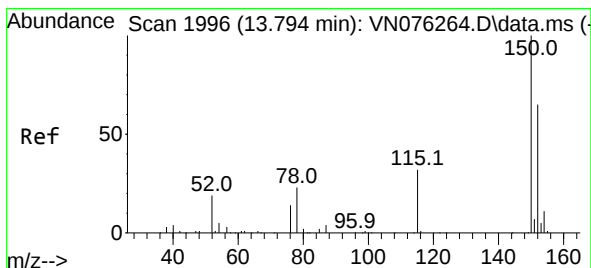
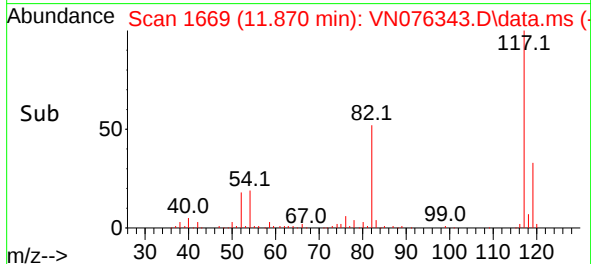
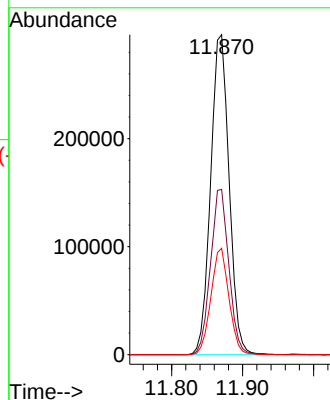
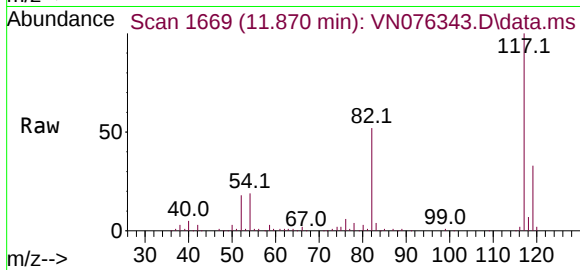




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 534528  
Ion Ratio Lower Upper  
117 100  
82 51.7 42.2 63.2  
119 33.2 26.9 40.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN076343.D  
Acq: 20 Jan 2023 13:13

Tgt Ion:152 Resp: 209485  
Ion Ratio Lower Upper  
152 100  
115 58.6 29.6 88.9  
150 157.8 0.0 351.4

