

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011023\  
 Data File : VN076174.D  
 Acq On : 10 Jan 2023 11:06  
 Operator : JC\MD  
 Sample : VN0110WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0110WBL01

Quant Time: Jan 11 01:01:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 304573   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 490984   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 417850   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 164652   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 166792   | 50.338   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 100.680% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 149865   | 49.288   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.580%  |
| 50) Toluene-d8              | 10.571 | 98    | 574153   | 50.504   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 101.000% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 169754   | 45.083   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.160%  |

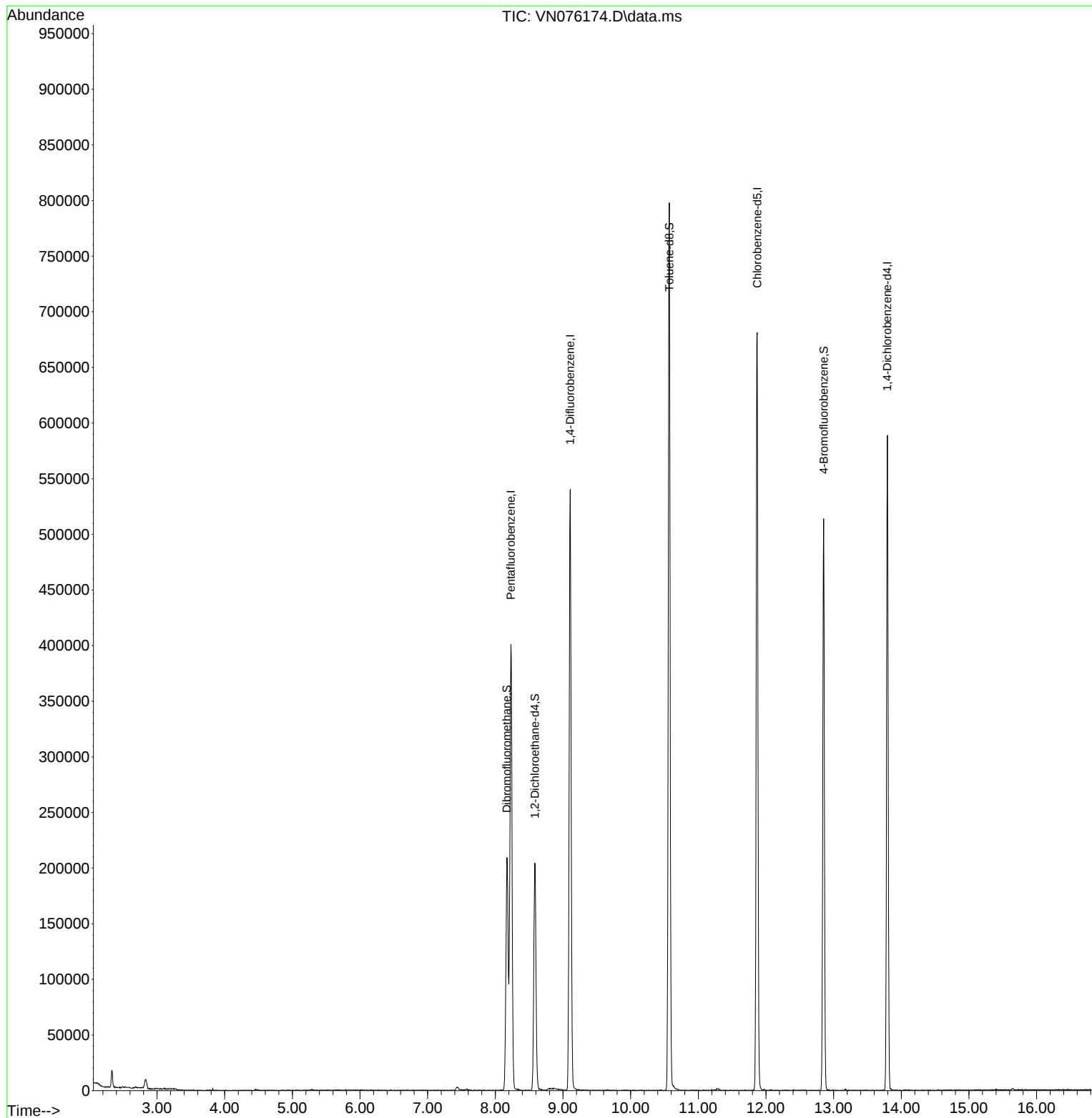
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

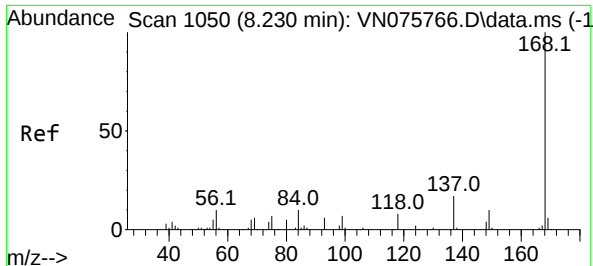
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011023\  
Data File : VN076174.D  
Acq On : 10 Jan 2023 11:06  
Operator : JC\MD  
Sample : VN0110WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

Quant Time: Jan 11 01:01:27 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

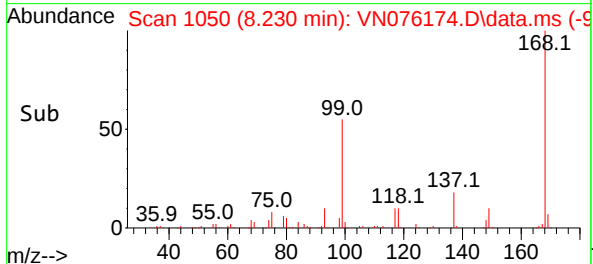
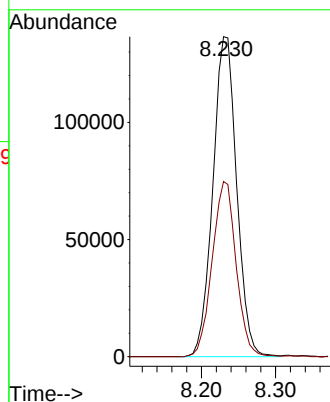
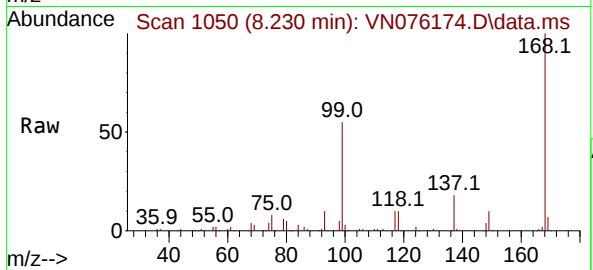




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

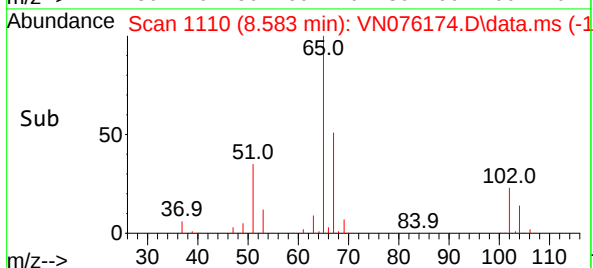
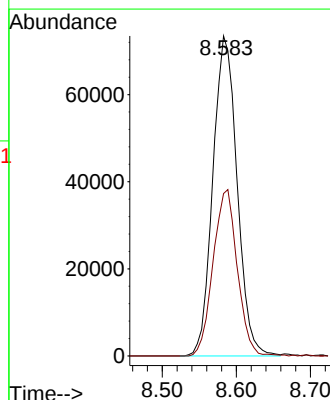
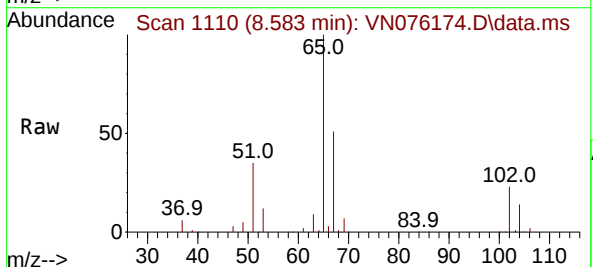
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

Tgt Ion:168 Resp: 304573  
Ion Ratio Lower Upper  
168 100  
99 54.8 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 50.338 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

Tgt Ion: 65 Resp: 166792  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076174.D

Acq: 10 Jan 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0110WBL01

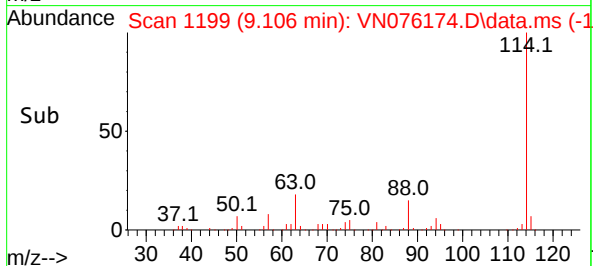
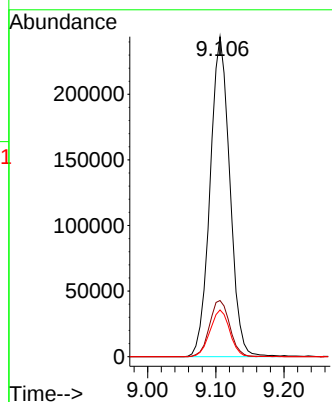
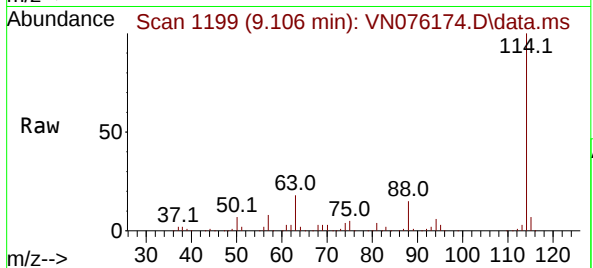
Tgt Ion:114 Resp: 490984

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.288 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076174.D

Acq: 10 Jan 2023 11:06

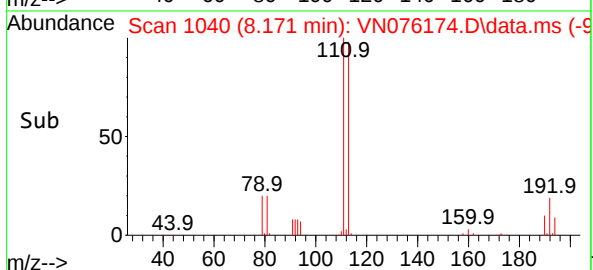
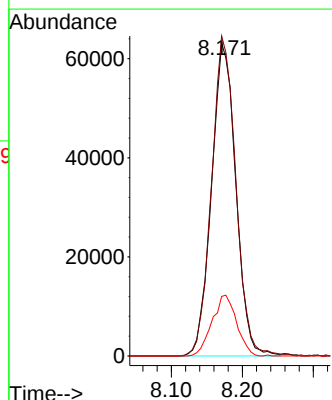
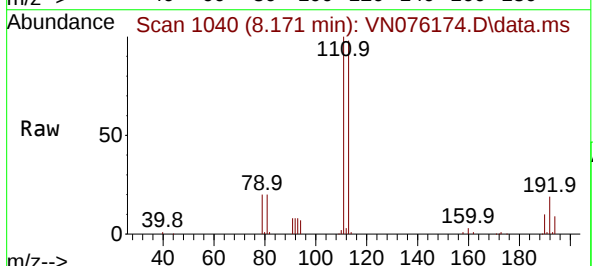
Tgt Ion:113 Resp: 149865

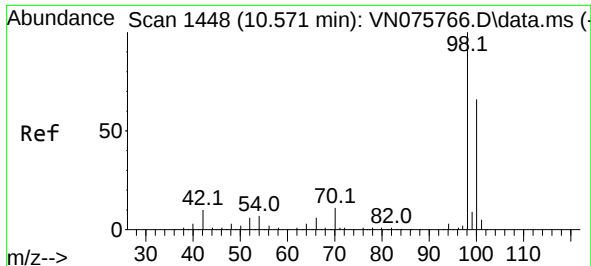
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.6 16.1 24.1

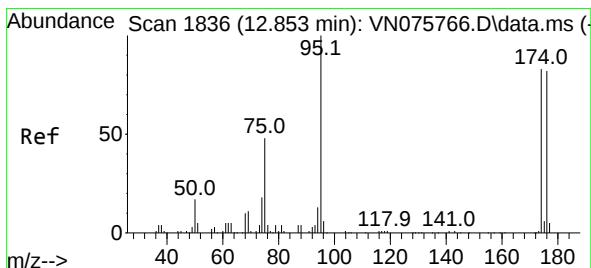
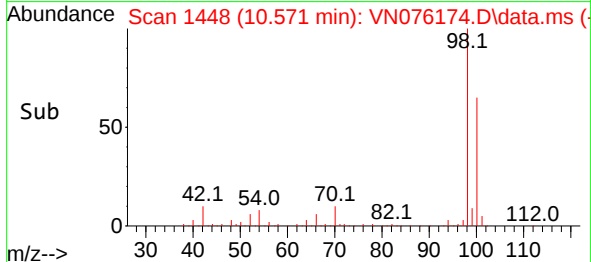
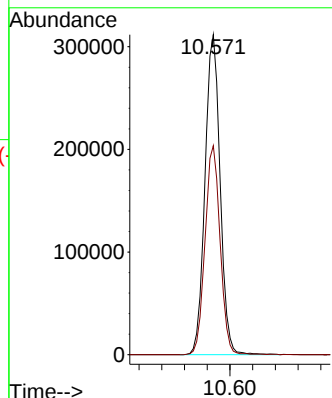
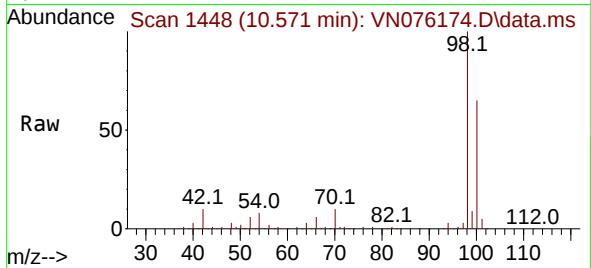




#50  
Toluene-d8  
Concen: 50.504 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

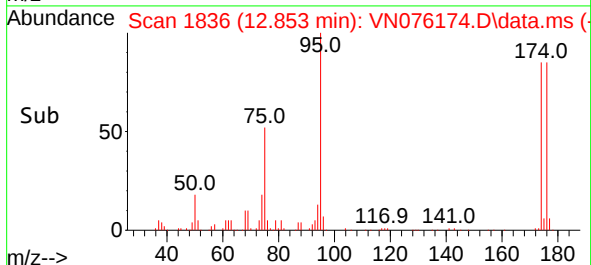
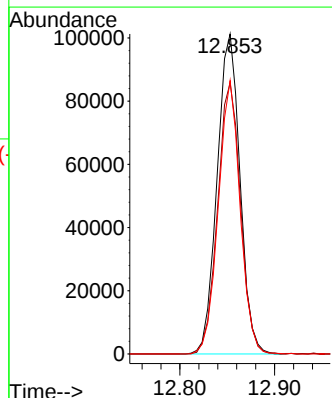
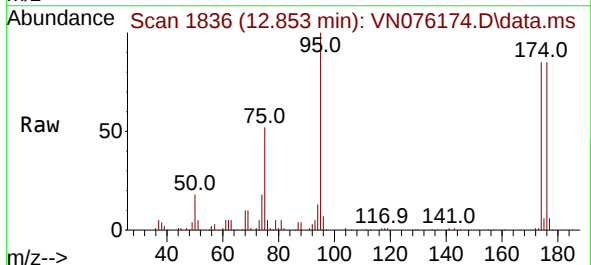
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

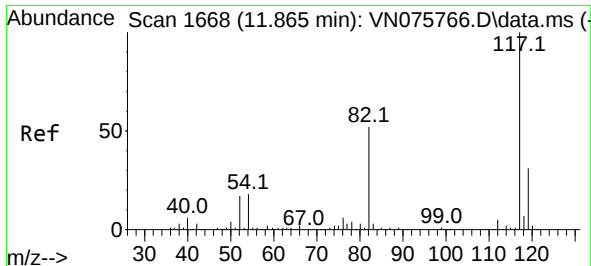
Tgt Ion: 98 Resp: 574153  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 45.083 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

Tgt Ion: 95 Resp: 169754  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 171.6  
176 81.6 0.0 169.2

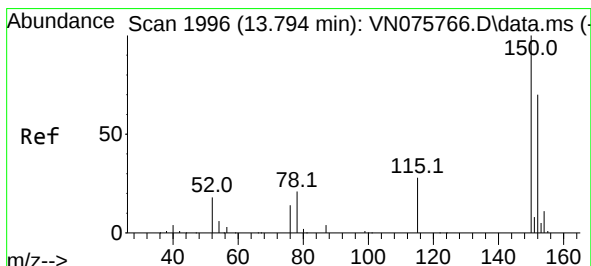
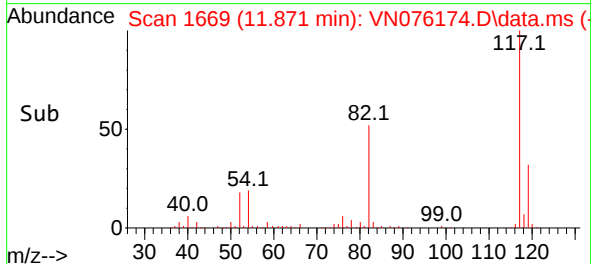
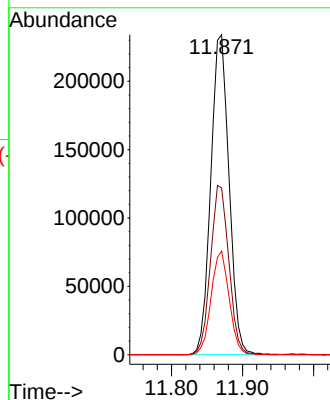
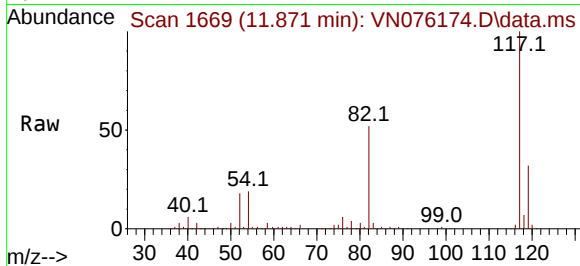




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

Tgt Ion:117 Resp: 417850  
Ion Ratio Lower Upper  
117 100  
82 52.1 41.3 61.9  
119 32.4 24.6 37.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076174.D  
Acq: 10 Jan 2023 11:06

Tgt Ion:152 Resp: 164652  
Ion Ratio Lower Upper  
152 100  
115 57.8 29.1 87.4  
150 157.4 0.0 347.0

