

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120522\  
 Data File : VN075553.D  
 Acq On : 05 Dec 2022 12:46  
 Operator : JC\MD  
 Sample : VN1205MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1205MBL01

Quant Time: Dec 06 03:23:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 103267   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 170077   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 148521   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 60395    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 29131    | 52.552   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.100% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 35791    | 53.570   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 107.140% |
| 50) Toluene-d8              | 10.571 | 98    | 68753    | 45.689   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 91.380%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 48366    | 43.546   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 87.100%  |

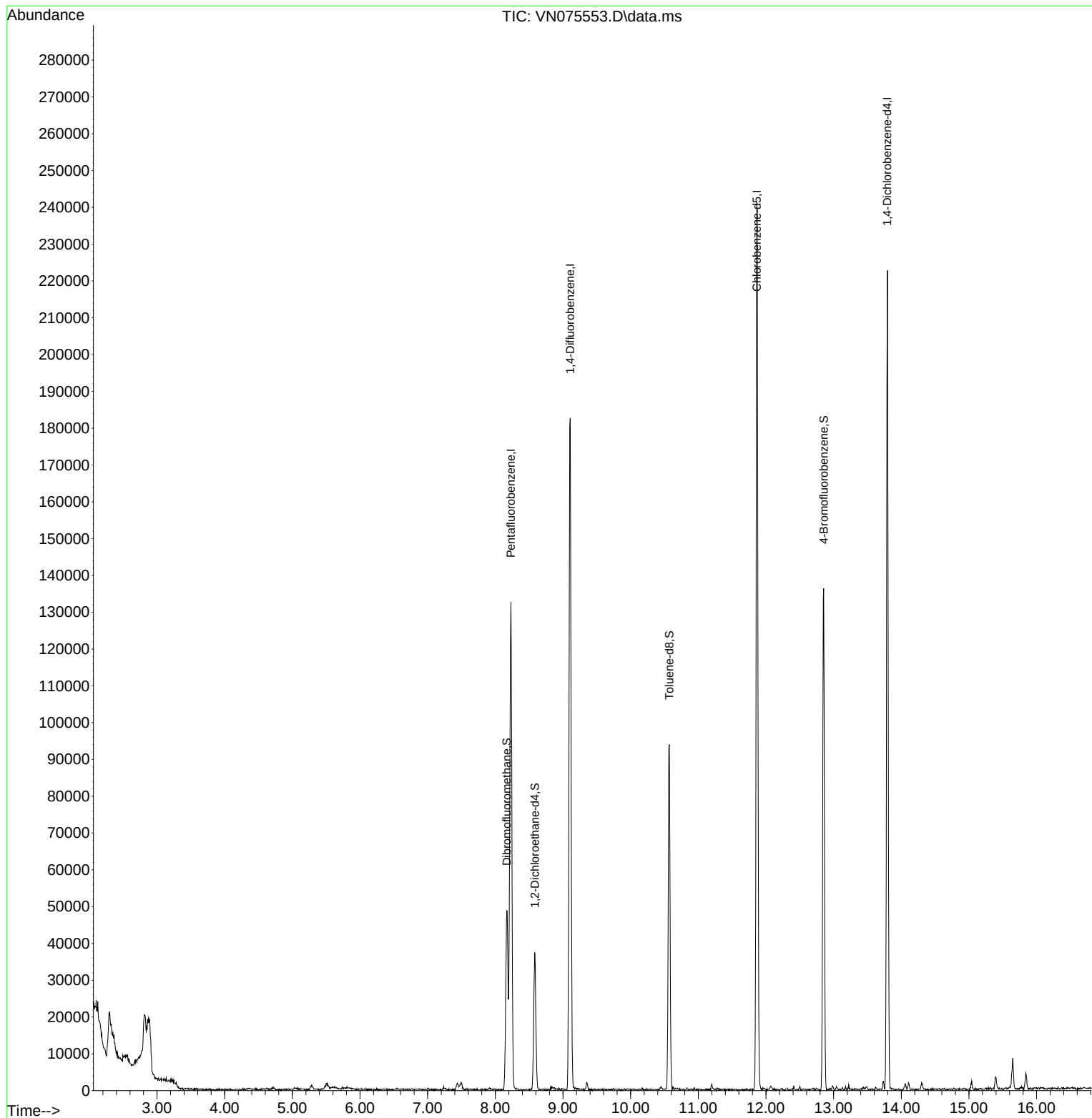
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

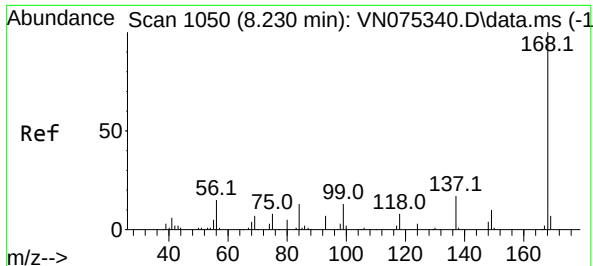
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120522\  
Data File : VN075553.D  
Acq On : 05 Dec 2022 12:46  
Operator : JC\MD  
Sample : VN1205MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1205MBL01

Quant Time: Dec 06 03:23:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 23 00:18:03 2022  
Response via : Initial Calibration

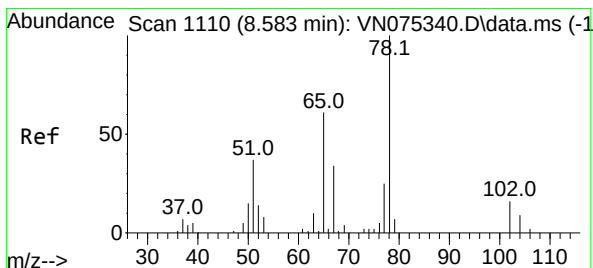
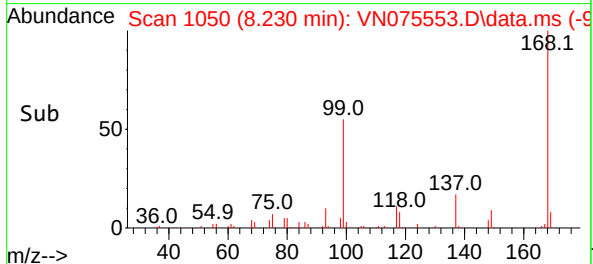
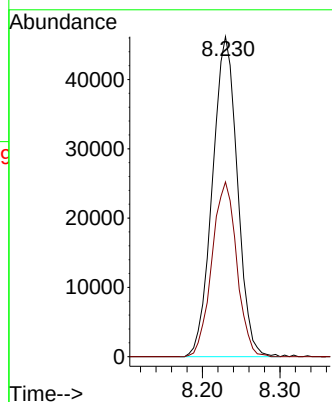
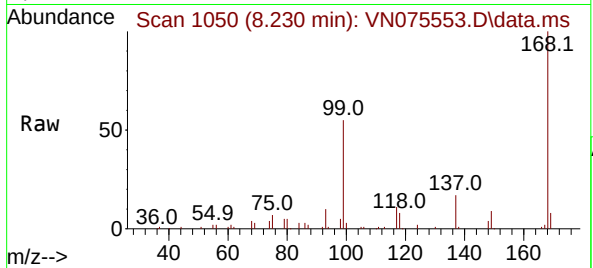




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

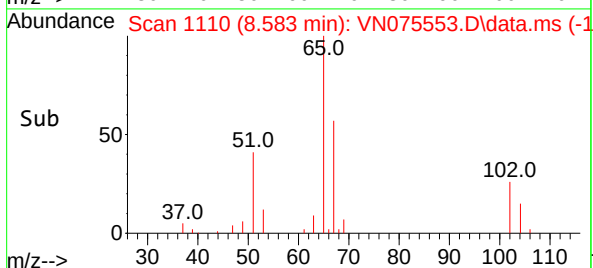
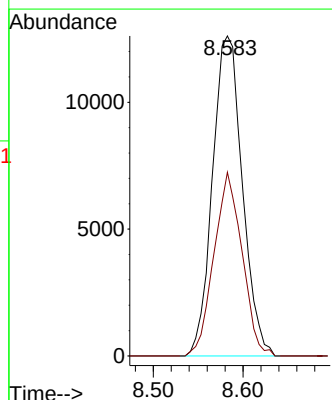
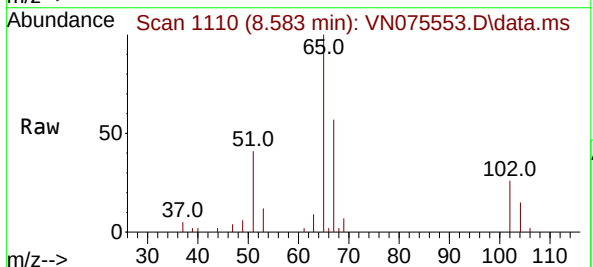
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1205MBL01

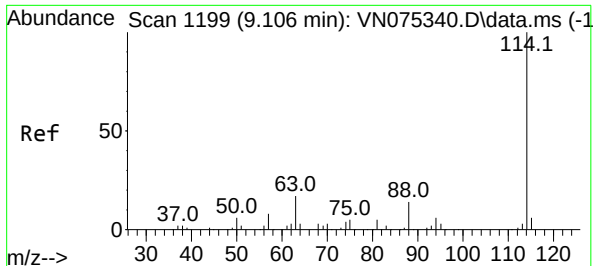
Tgt Ion:168 Resp: 103267  
Ion Ratio Lower Upper  
168 100  
99 54.6 51.6 77.4



#33  
1,2-Dichloroethane-d4  
Concen: 52.552 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

Tgt Ion: 65 Resp: 29131  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075553.D

Acq: 05 Dec 2022 12:46

Instrument :

MSVOA\_N

ClientSampleId :

VN1205MBL01

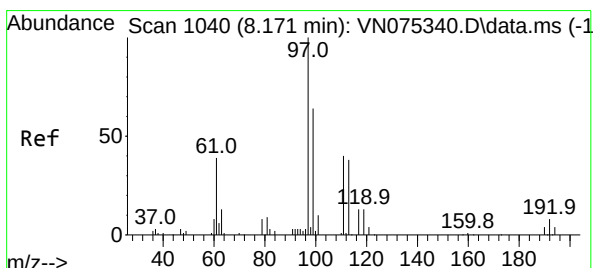
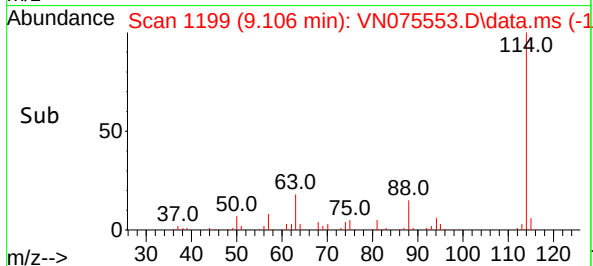
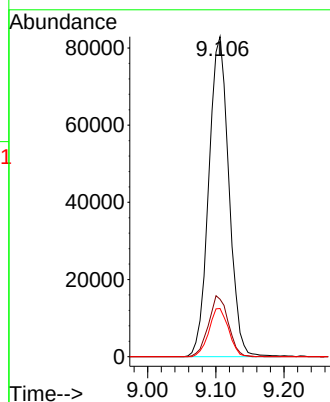
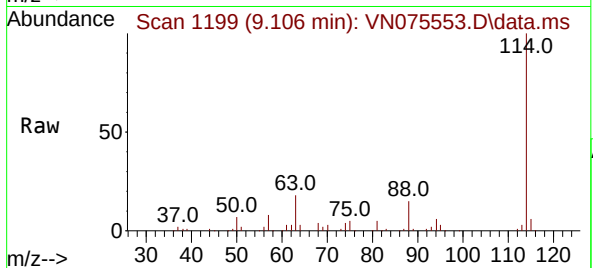
Tgt Ion:114 Resp: 170077

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.570 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075553.D

Acq: 05 Dec 2022 12:46

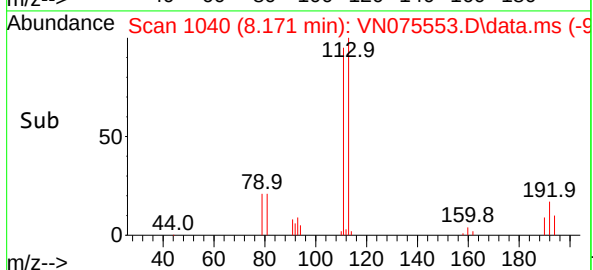
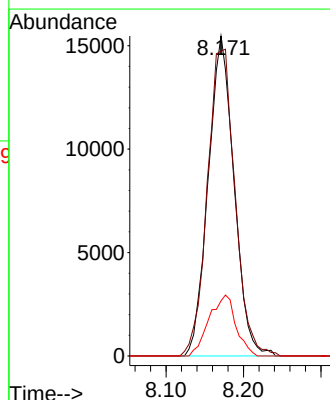
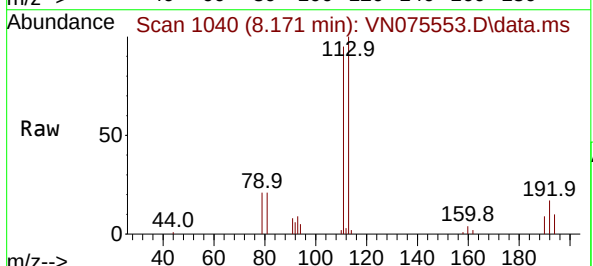
Tgt Ion:113 Resp: 35791

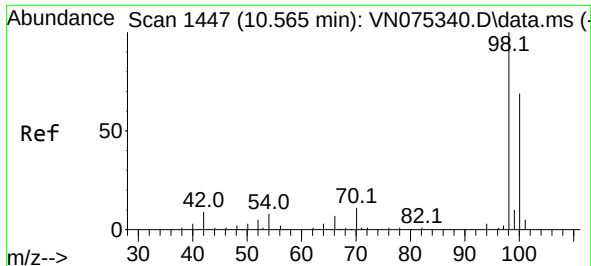
Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 19.7 13.2 19.8

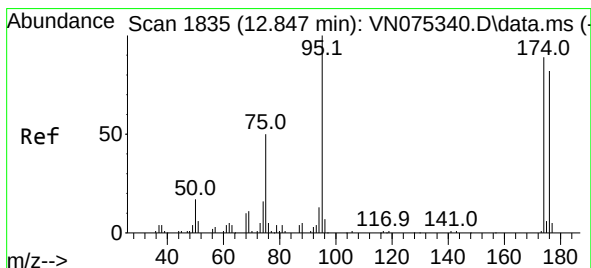
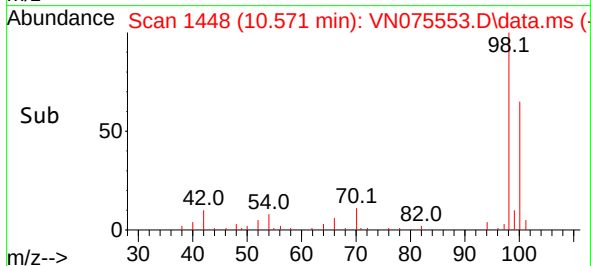
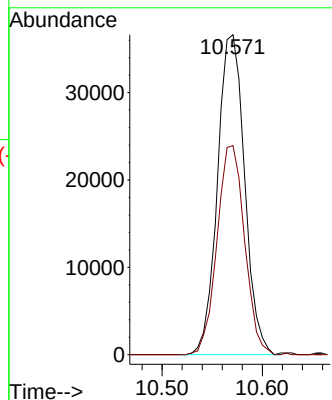
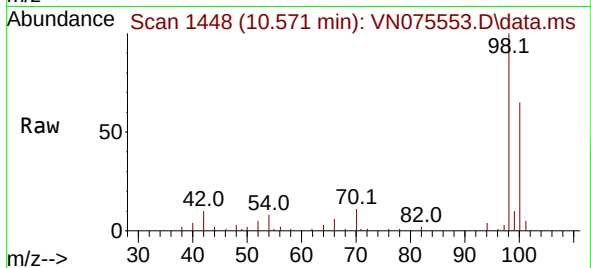




#50  
Toluene-d8  
Concen: 45.689 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

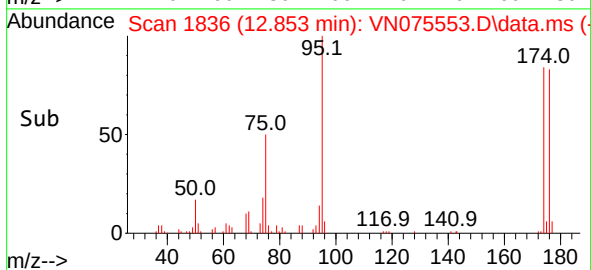
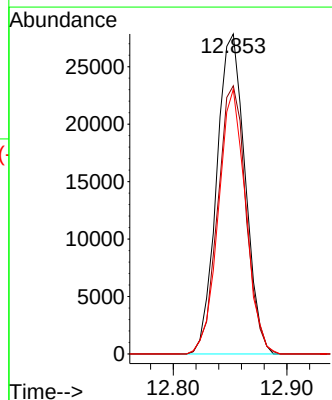
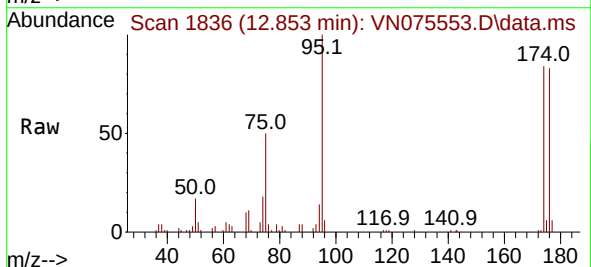
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1205MBL01

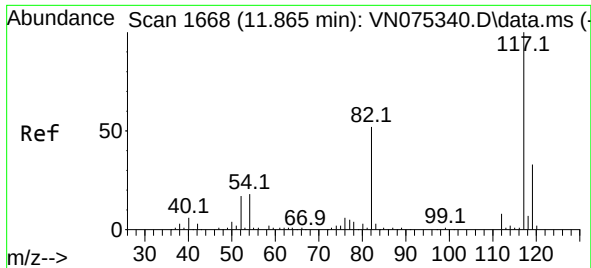
Tgt Ion: 98 Resp: 68753  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 43.546 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

Tgt Ion: 95 Resp: 48366  
Ion Ratio Lower Upper  
95 100  
174 83.2 0.0 147.4  
176 79.3 0.0 142.2

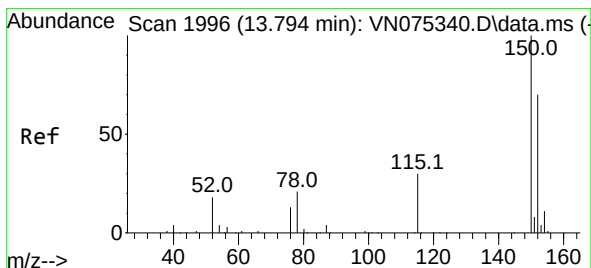
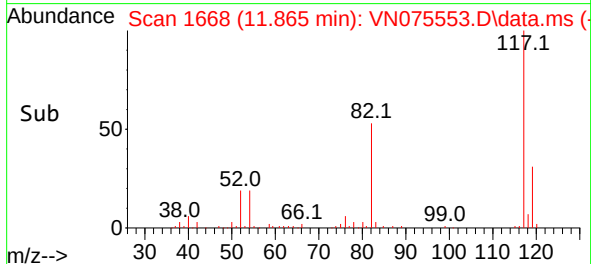
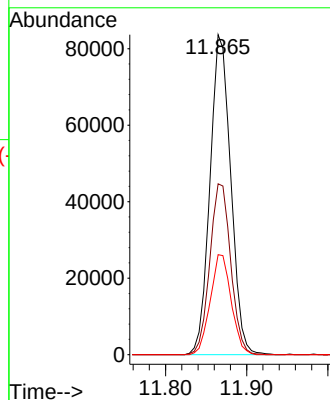
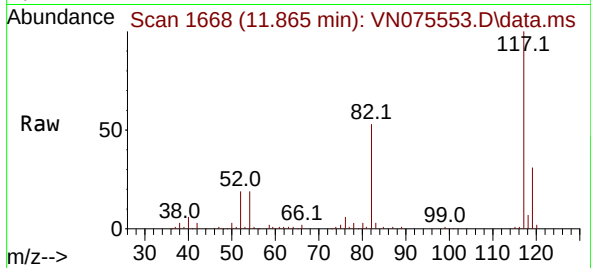




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1205MBL01

Tgt Ion:117 Resp: 148521  
Ion Ratio Lower Upper  
117 100  
82 53.4 43.1 64.7  
119 31.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075553.D  
Acq: 05 Dec 2022 12:46

Tgt Ion:152 Resp: 60395  
Ion Ratio Lower Upper  
152 100  
115 58.2 30.2 90.6  
150 161.6 0.0 348.4

