

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020224\  
 Data File : VN080885.D  
 Acq On : 02 Feb 2024 19:51  
 Operator : JC\MD  
 Sample : P1331-01 20X  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-1

Quant Time: Feb 02 23:57:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 78460    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 182428   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 189702   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 78823    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 65345    | 48.142   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 96.280%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 51718    | 46.338   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.680%  |
| 50) Toluene-d8              | 10.571 | 98    | 224763   | 51.453   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 102.900% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 78619    | 51.647   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 103.300% |

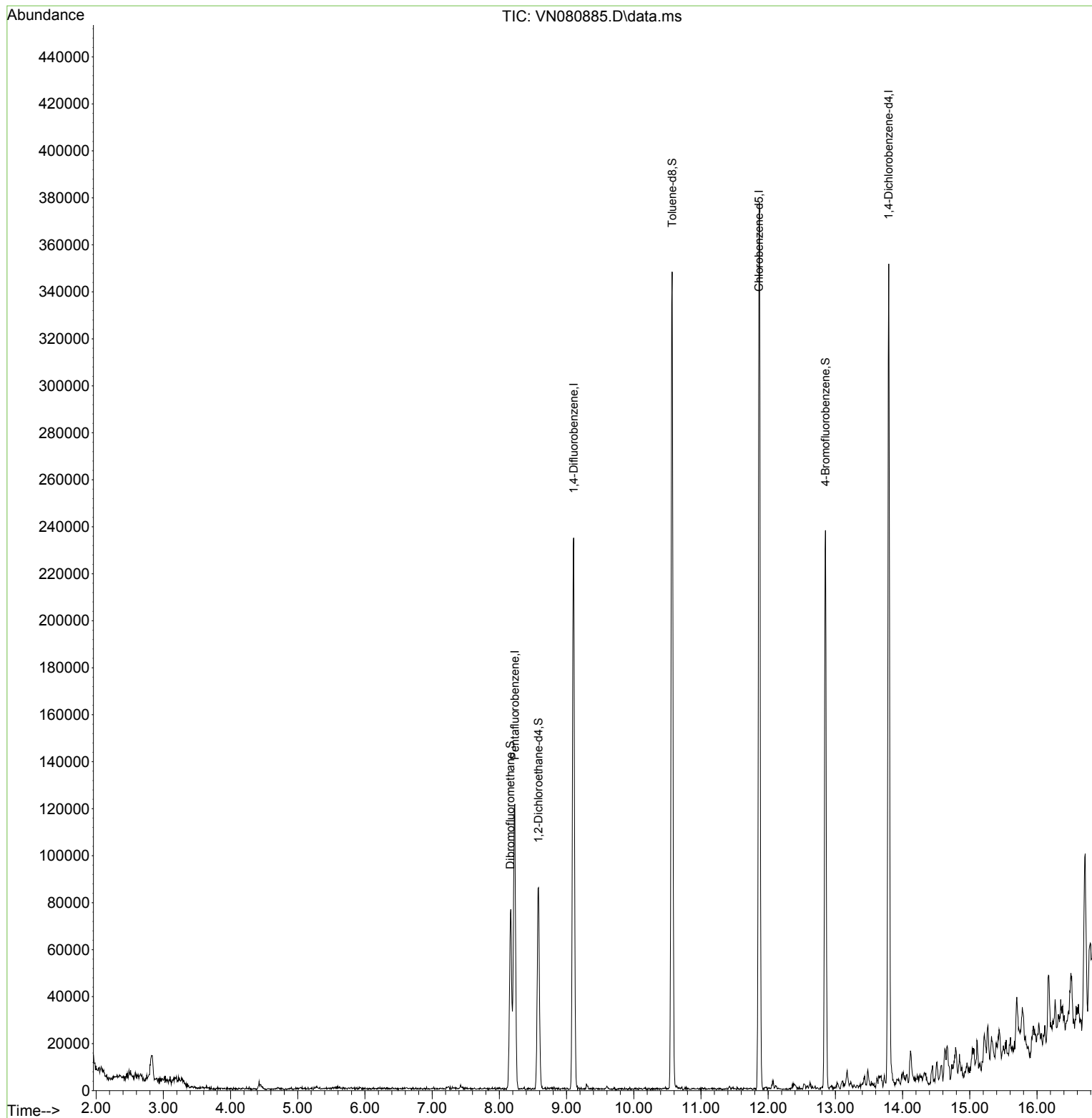
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

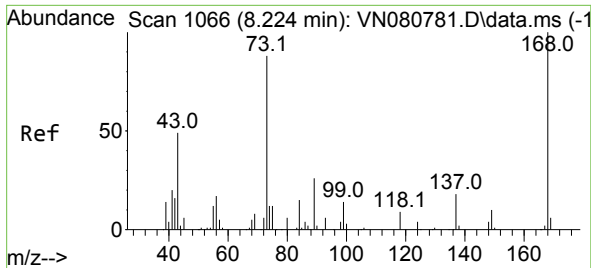
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 29 12:54:23 2024  
Response via : Initial Calibration

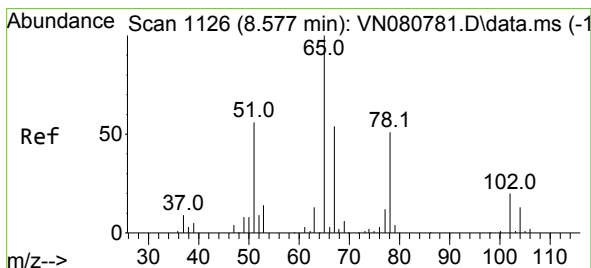
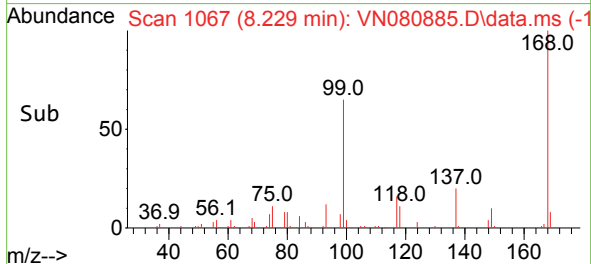
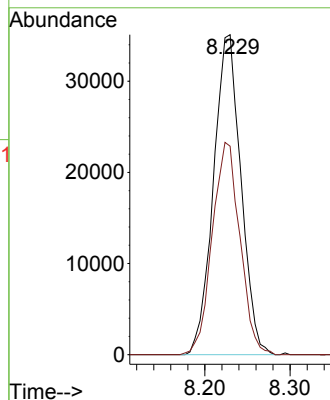
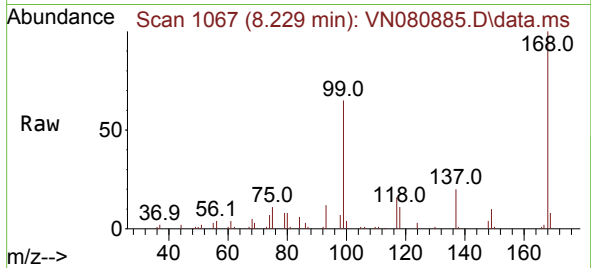




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

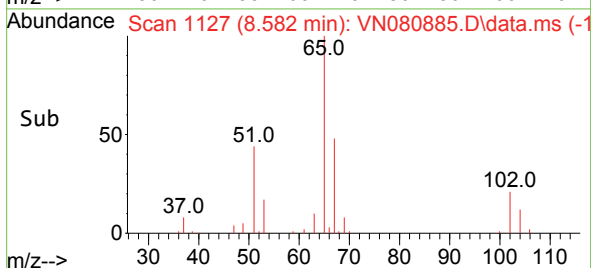
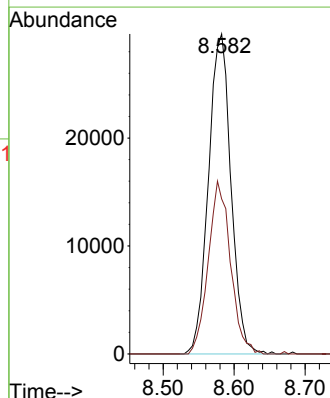
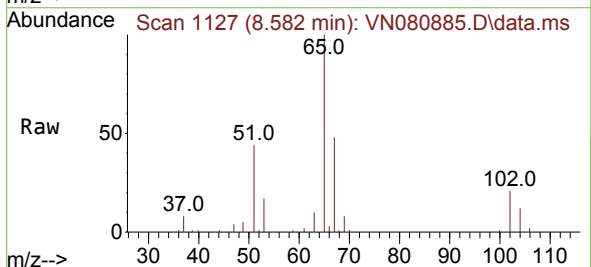
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

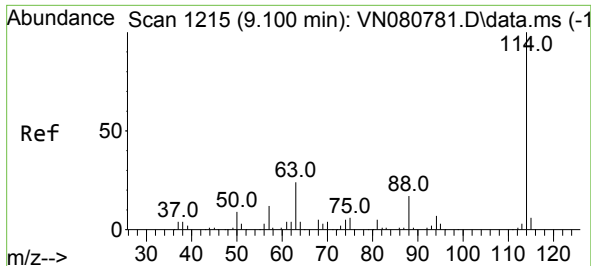
Tgt Ion:168 Resp: 78460  
Ion Ratio Lower Upper  
168 100  
99 65.1 59.9 89.9



#33  
1,2-Dichloroethane-d4  
Concen: 48.142 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

Tgt Ion: 65 Resp: 65345  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 102.4

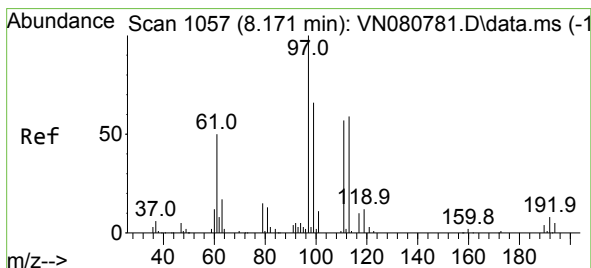
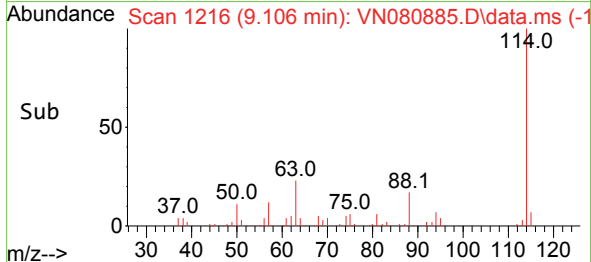
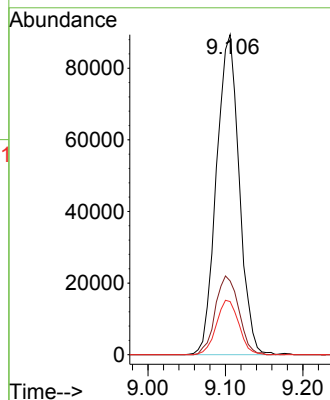
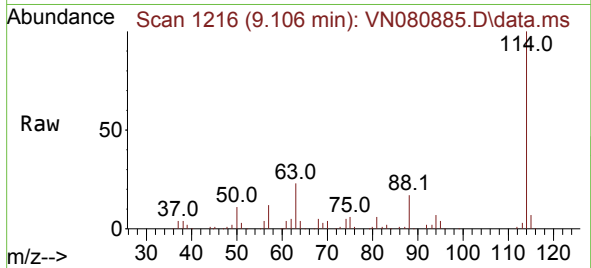




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

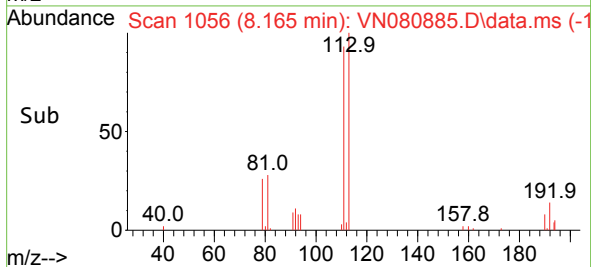
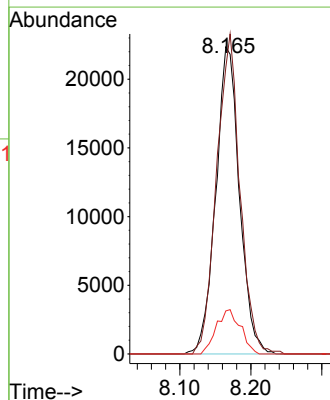
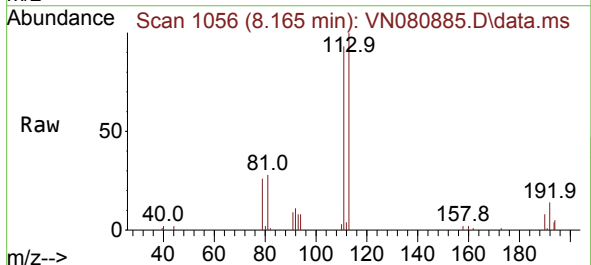
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

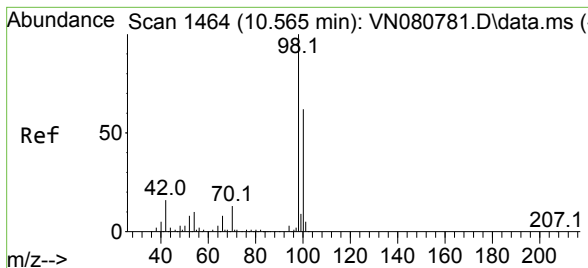
Tgt Ion:114 Resp: 182428  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 48.0  
88 16.6 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 46.338 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

Tgt Ion:113 Resp: 51718  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.2 123.4  
192 14.8 12.5 18.7

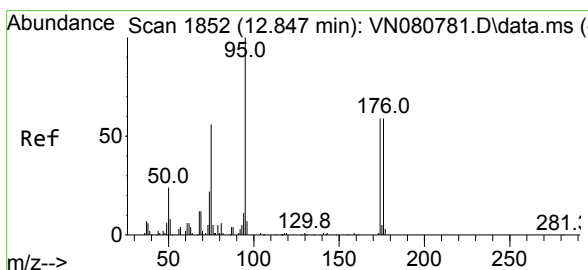
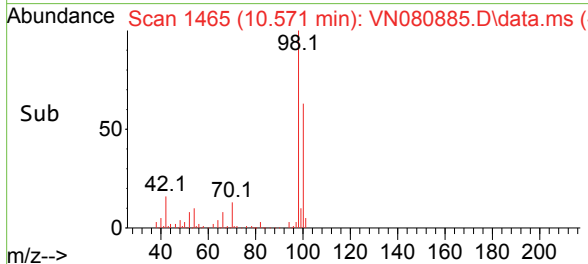
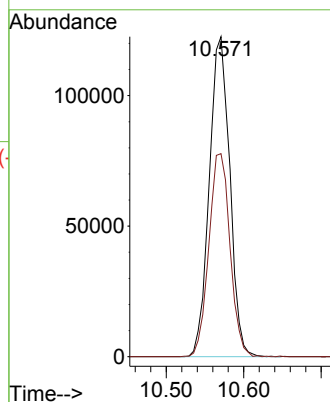
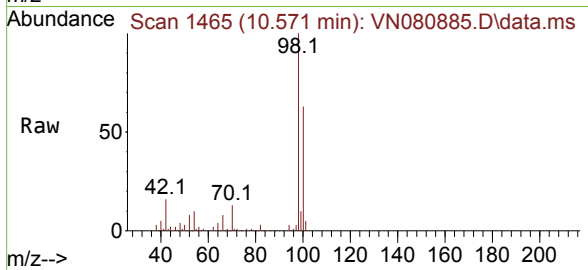




#50  
Toluene-d8  
Concen: 51.453 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

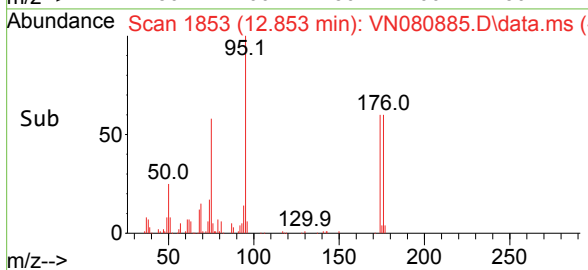
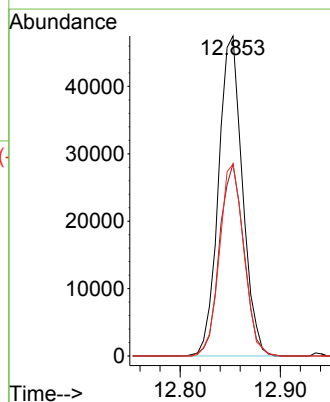
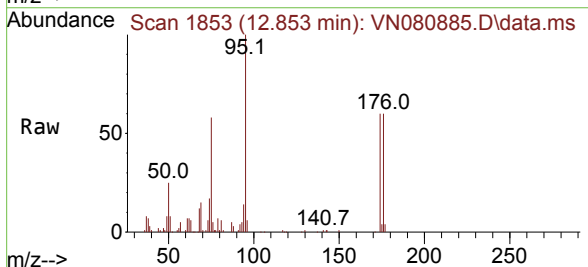
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

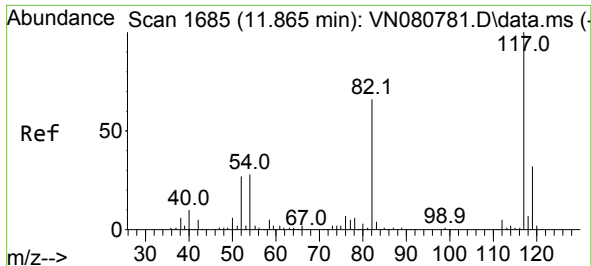
Tgt Ion: 98 Resp: 224763  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 51.647 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

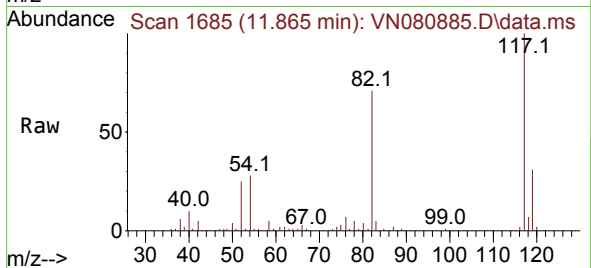
Tgt Ion: 95 Resp: 78619  
Ion Ratio Lower Upper  
95 100  
174 61.2 0.0 120.4  
176 60.9 0.0 121.0



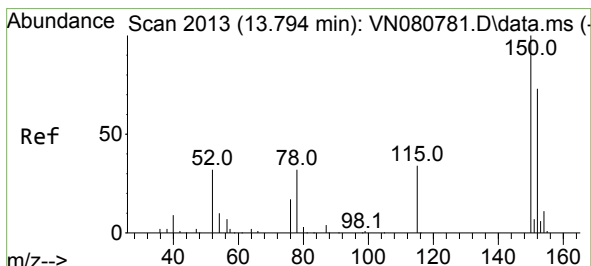
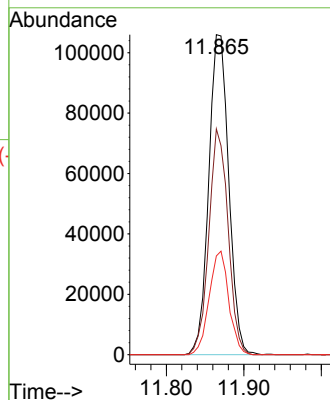
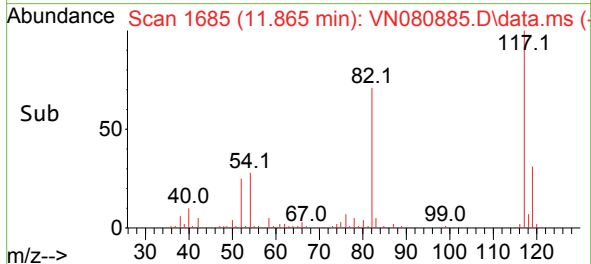


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1



Tgt Ion:117 Resp: 189702  
Ion Ratio Lower Upper  
117 100  
82 70.6 52.7 79.1  
119 30.9 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080885.D  
Acq: 02 Feb 2024 19:51

Tgt Ion:152 Resp: 78823  
Ion Ratio Lower Upper  
152 100  
115 66.1 32.3 96.8  
150 154.3 0.0 339.8

