

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050521\  
 Data File : VN066980.D  
 Acq On : 5 May 2021 11:45  
 Operator : JC/MD  
 Sample : VN0505WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBL01

Quant Time: May 06 04:46:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 07:24:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.589  | 168   | 452541   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.517  | 114   | 761029   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.350 | 117   | 655183   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.294 | 152   | 232717   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.952  | 65    | 398635   | 55.96    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 111.92%  |
| 35) Dibromofluoromethane    | 7.512  | 113   | 287843   | 55.70    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 111.40%  |
| 50) Toluene-d8              | 10.030 | 98    | 1063803  | 54.05    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 108.10%  |
| 62) 4-Bromofluorobenzene    | 12.350 | 95    | 291109   | 43.69    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 87.38%   |

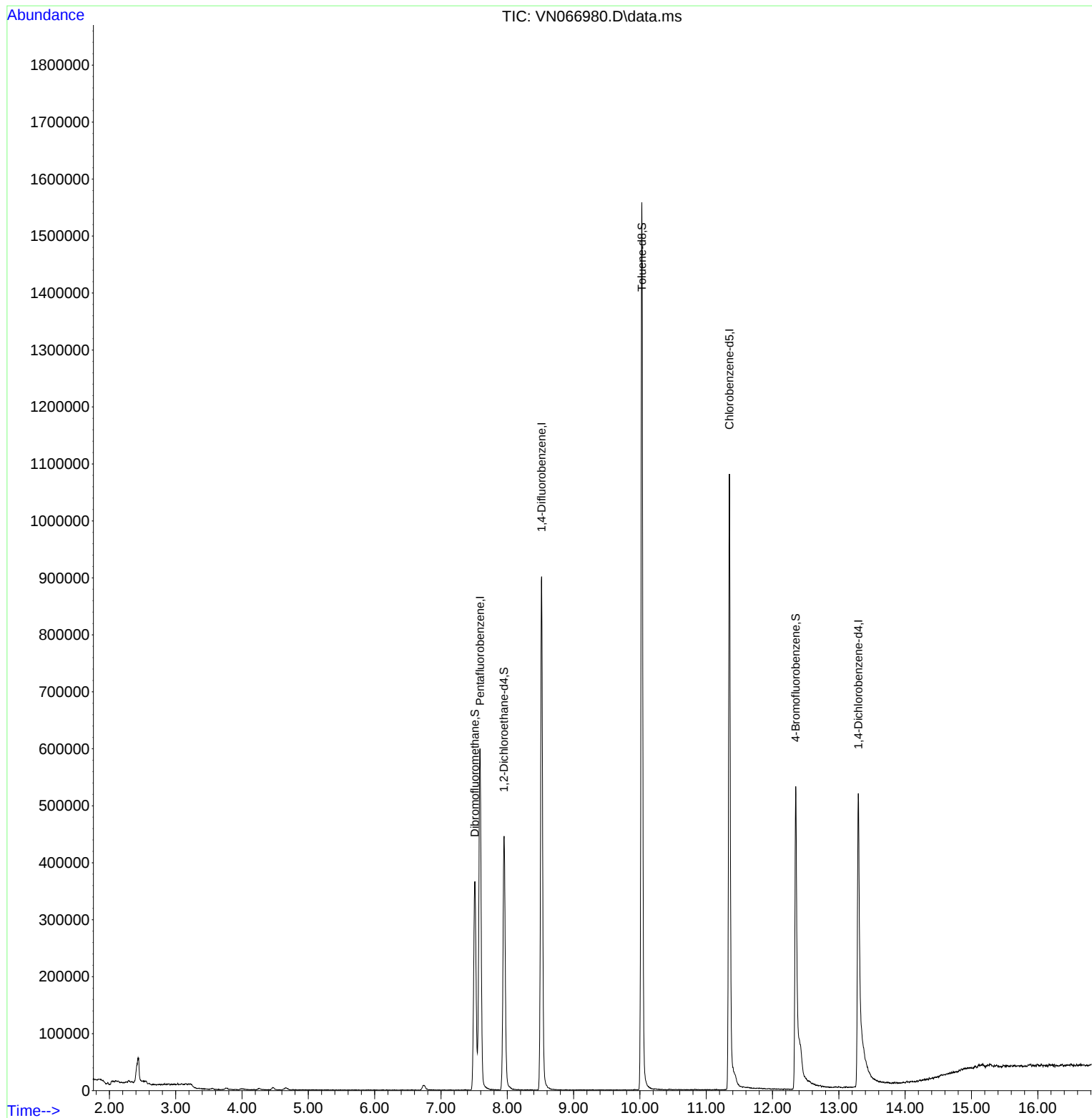
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

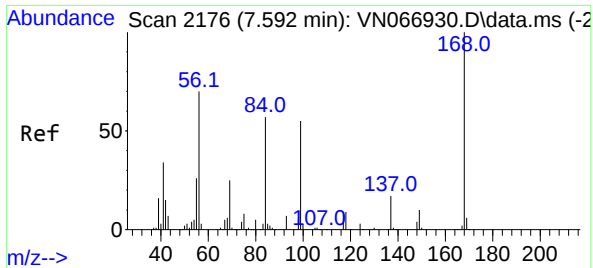
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0505WBL01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

Quant Time: May 06 04:46:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 05 07:24:52 2021  
Response via : Initial Calibration

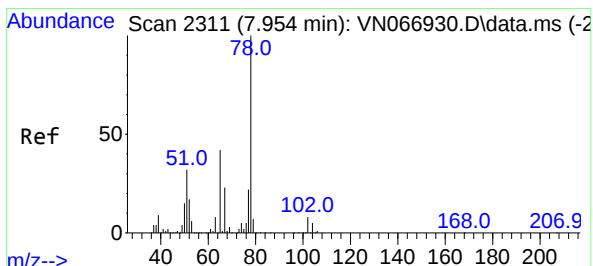
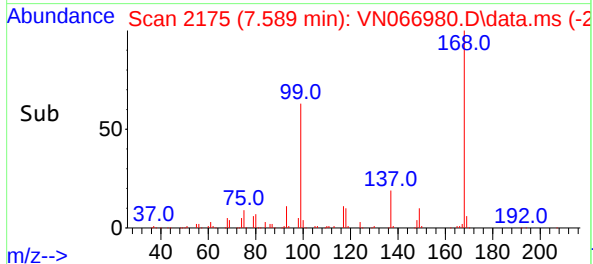
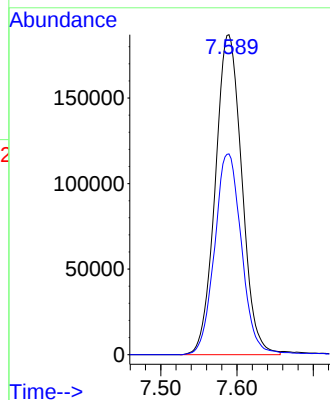
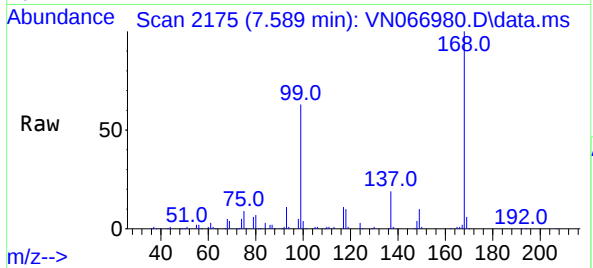




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.589 min Scan# 2175  
Delta R.T. -0.003 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

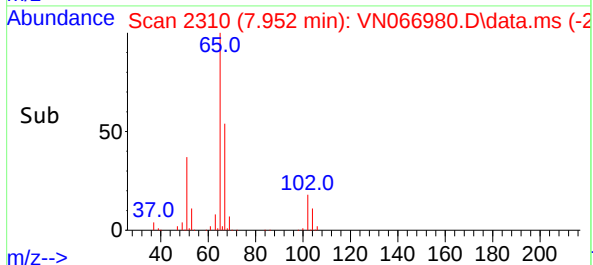
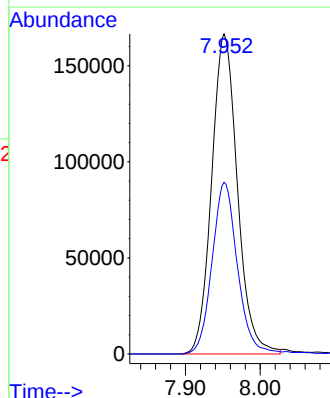
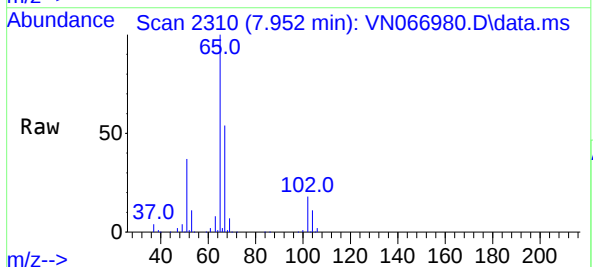
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

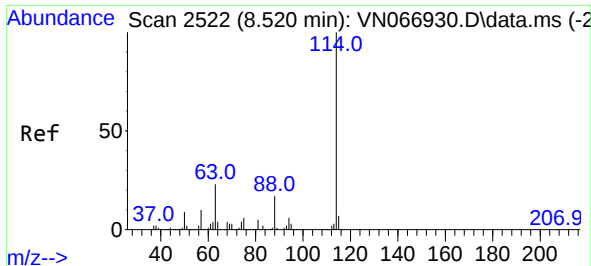
Tgt Ion:168 Resp: 452541  
Ion Ratio Lower Upper  
168 100  
99 62.7 42.6 63.8



#33  
1,2-Dichloroethane-d4  
Concen: 55.96 ug/l  
RT: 7.952 min Scan# 2310  
Delta R.T. -0.002 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Tgt Ion: 65 Resp: 398635  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 107.2



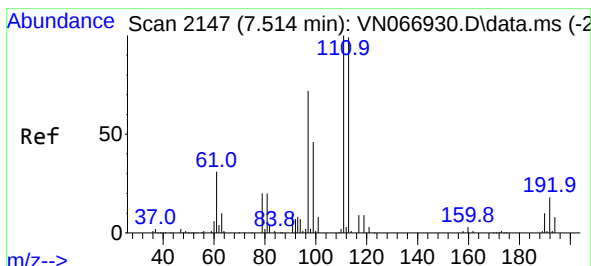
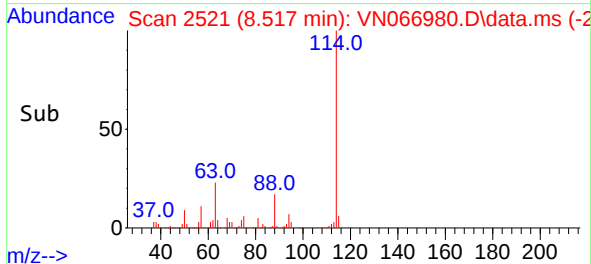
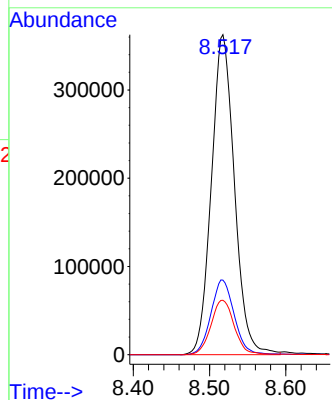
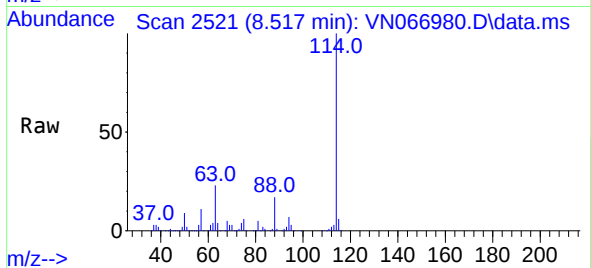


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.517 min Scan# 2521  
Delta R.T. -0.003 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

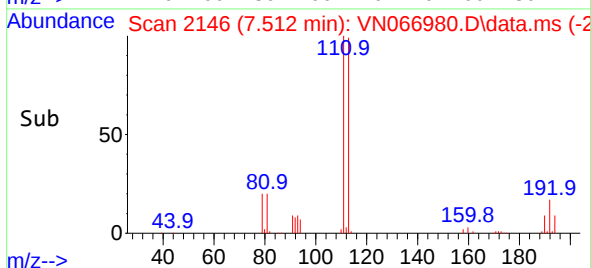
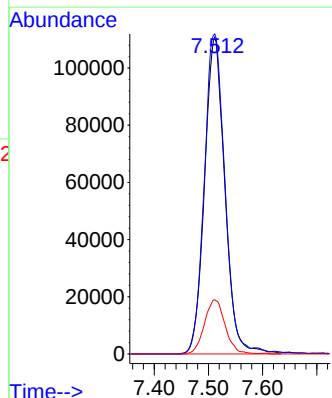
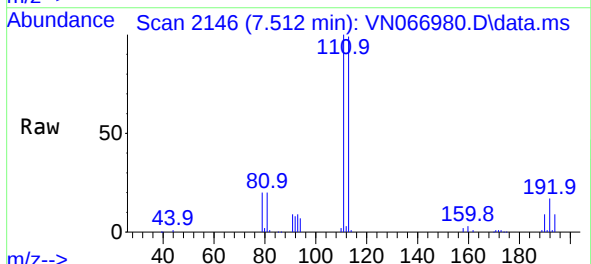
Tgt Ion:114 Resp: 761029  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 38.6  
88 17.0 0.0 30.6

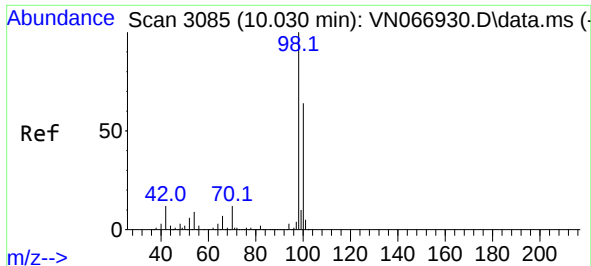


#35

Dibromofluoromethane  
Concen: 55.70 ug/l  
RT: 7.512 min Scan# 2146  
Delta R.T. -0.002 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Tgt Ion:113 Resp: 287843  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.2  
192 17.5 15.4 23.0

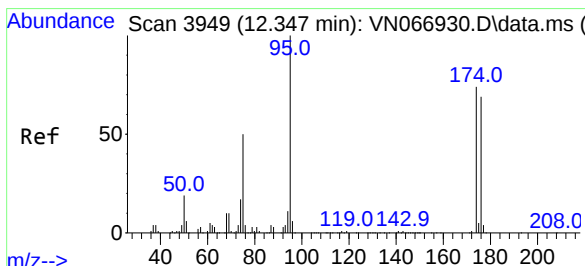
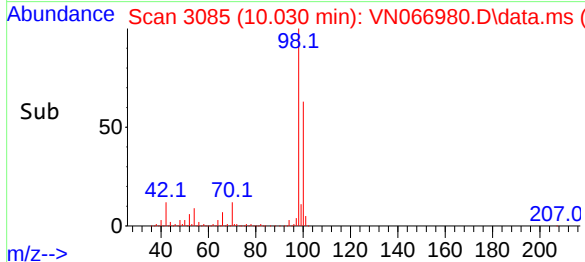
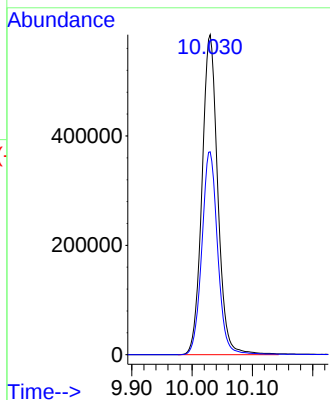
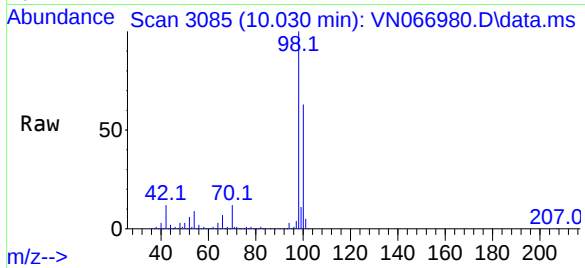




#50  
Toluene-d8  
Concen: 54.05 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. 0.000 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

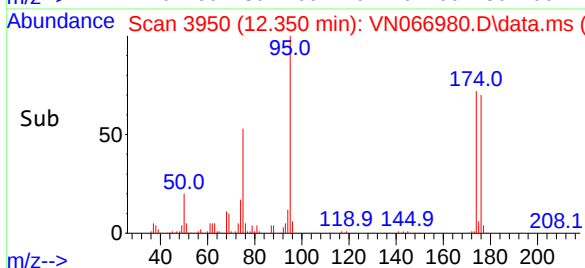
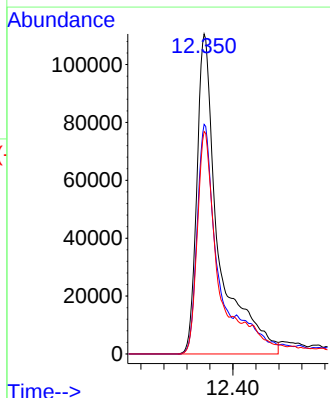
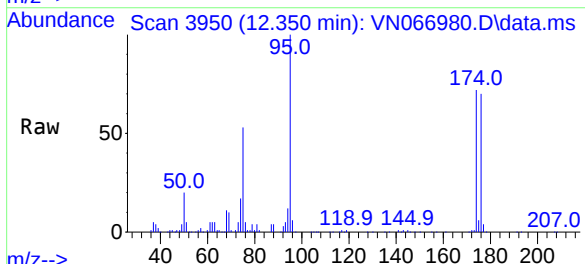
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

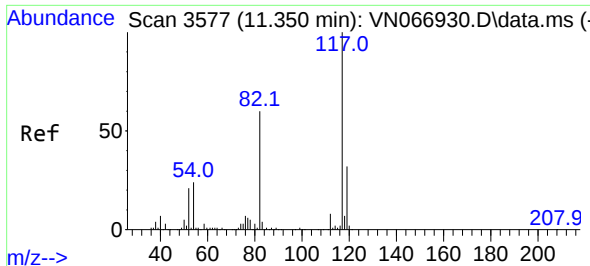
Tgt Ion: 98 Resp: 1063803  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 43.69 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. 0.003 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Tgt Ion: 95 Resp: 291109  
Ion Ratio Lower Upper  
95 100  
174 59.7 0.0 169.0  
176 55.6 0.0 162.4

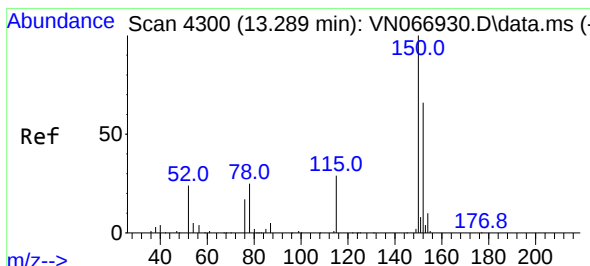
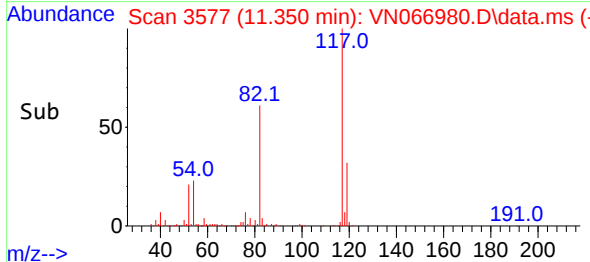
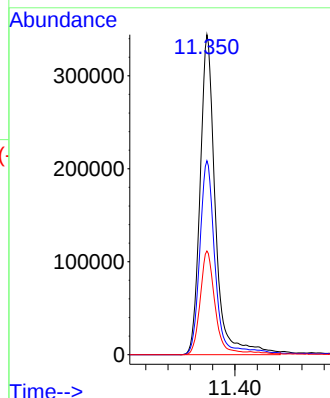
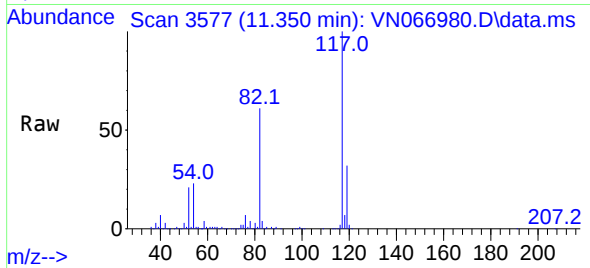




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3577  
Delta R.T. -0.000 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

Tgt Ion:117 Resp: 655183  
Ion Ratio Lower Upper  
117 100  
82 60.6 43.7 65.5  
119 32.4 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.294 min Scan# 4302  
Delta R.T. 0.005 min  
Lab File: VN066980.D  
Acq: 5 May 2021 11:45

Tgt Ion:152 Resp: 232717  
Ion Ratio Lower Upper  
152 100  
115 58.5 28.5 85.6  
150 150.1 0.0 347.6

