

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120123\  
 Data File : VN080323.D  
 Acq On : 01 Dec 2023 15:59  
 Operator : JC\MD  
 Sample : 05607-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 01 22:35:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 169156   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 292297   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 312410   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 136632   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 147611   | 52.850   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.700% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 116905   | 54.204   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 108.400% |
| 50) Toluene-d8              | 10.565 | 98    | 395440   | 50.862   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 101.720% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 154604   | 52.647   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.300% |

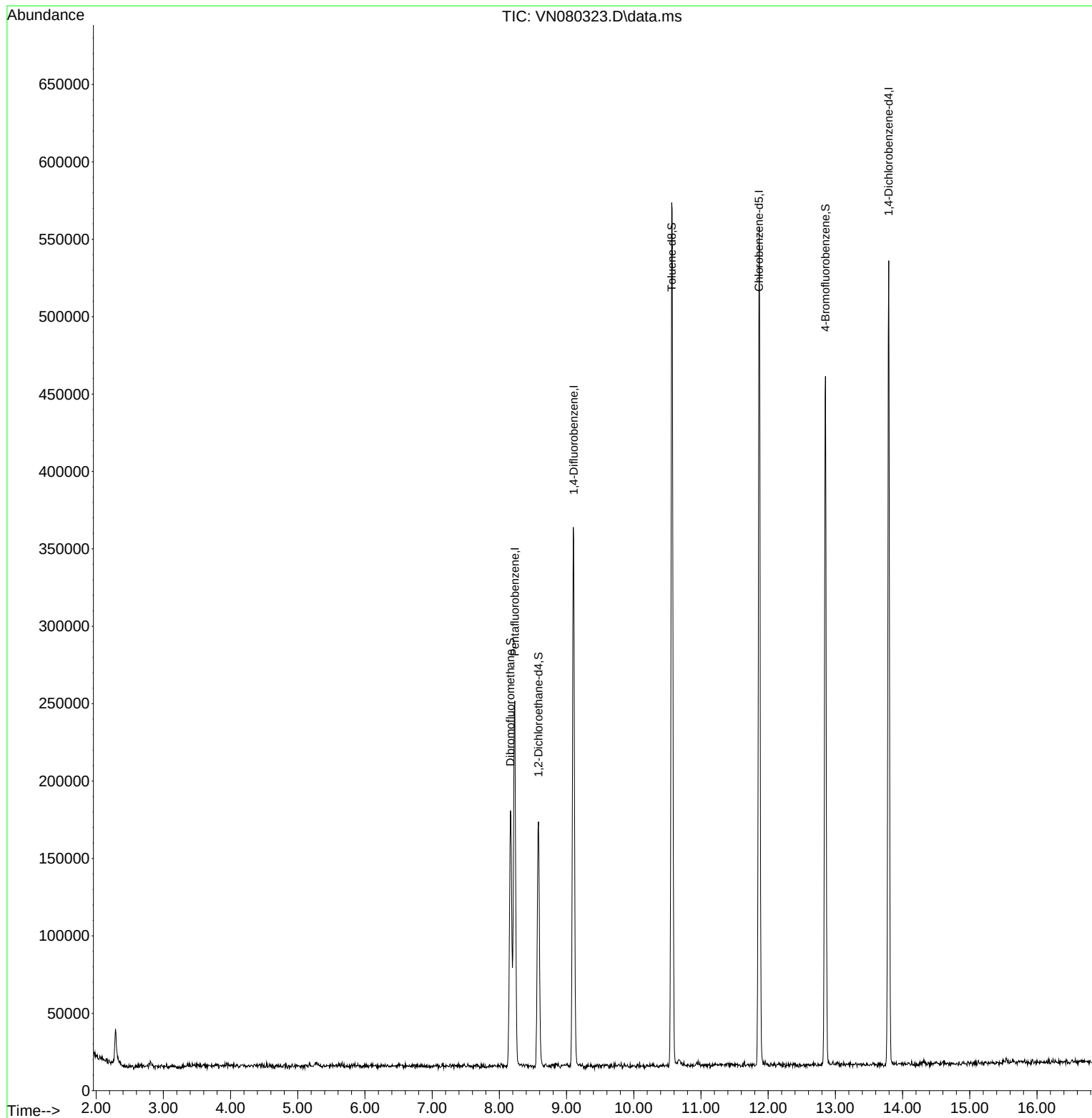
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

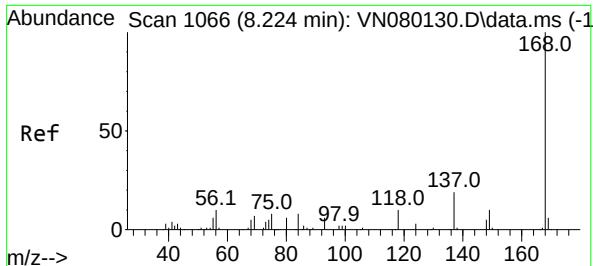
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

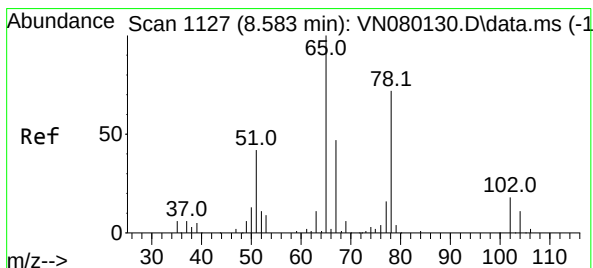
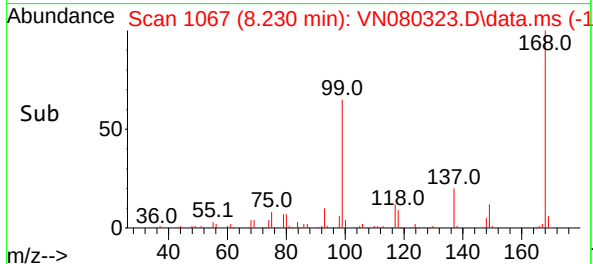
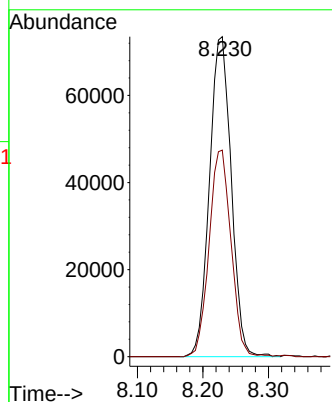
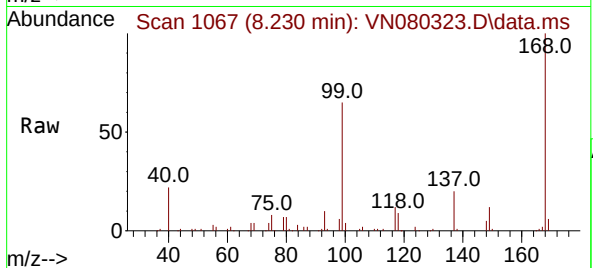




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

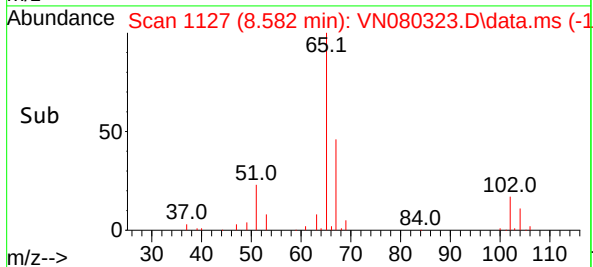
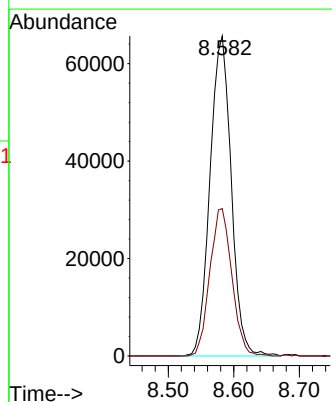
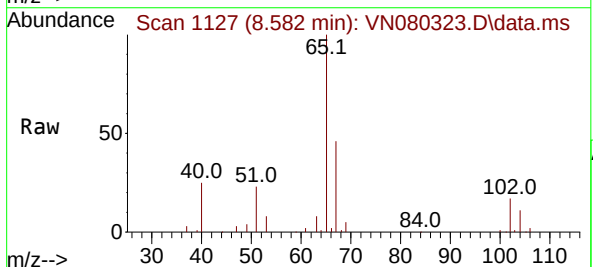
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

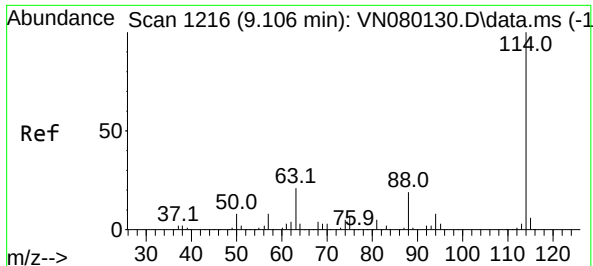
Tgt Ion:168 Resp: 169156  
Ion Ratio Lower Upper  
168 100  
99 64.6 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.850 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

Tgt Ion: 65 Resp: 147611  
Ion Ratio Lower Upper  
65 100  
67 47.8 0.0 106.6

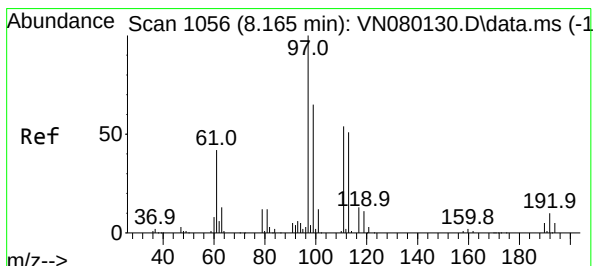
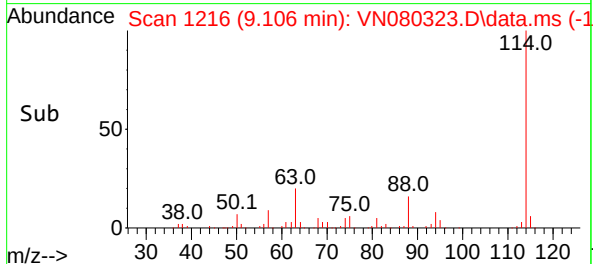
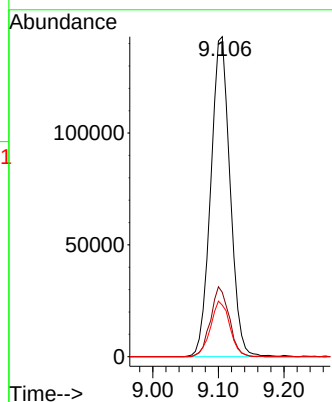
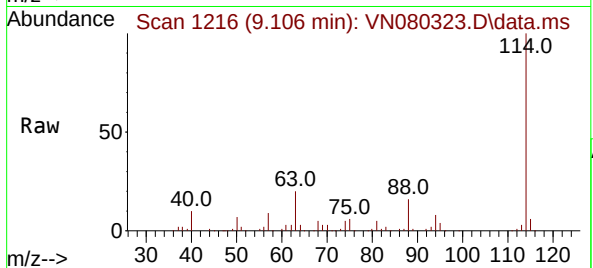




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

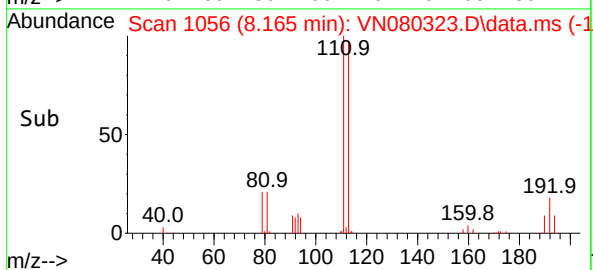
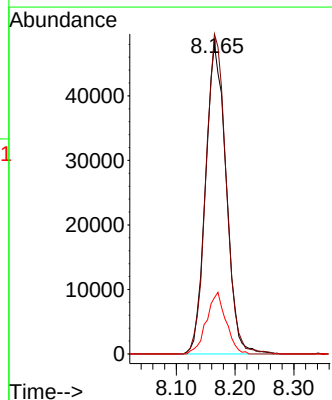
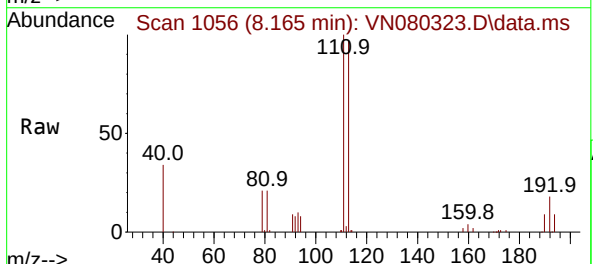
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MSVOA\_N  
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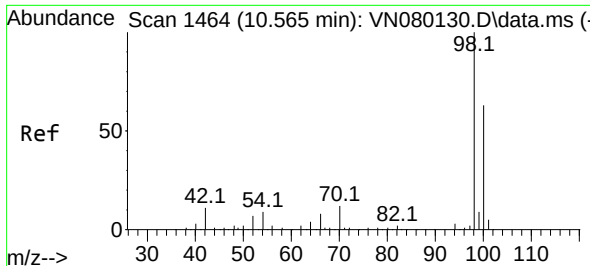
Tgt Ion:114 Resp: 292297  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 36.4  
88 16.1 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 54.204 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

Tgt Ion:113 Resp: 116905  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.6 123.8  
192 18.9 12.7 19.1

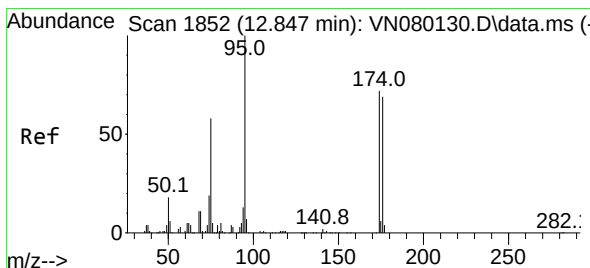
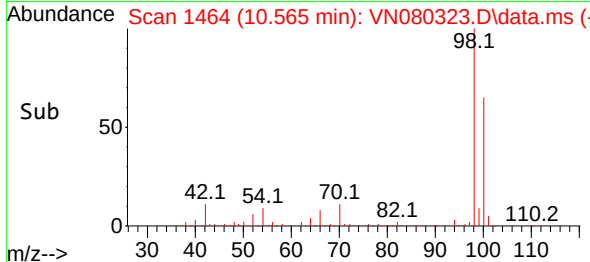
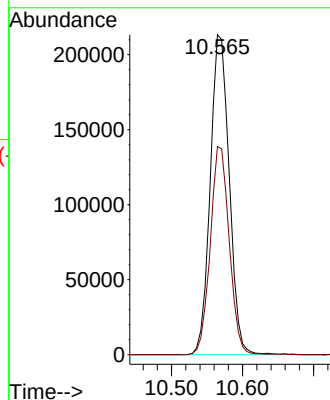
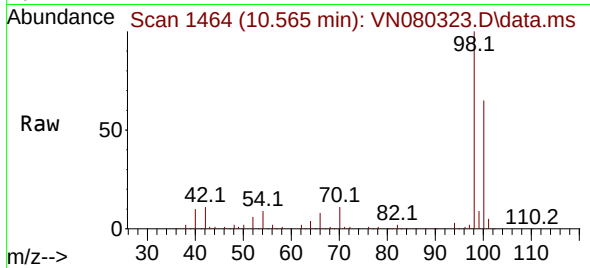




#50  
Toluene-d8  
Concen: 50.862 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

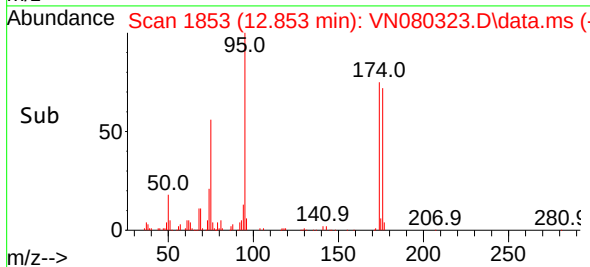
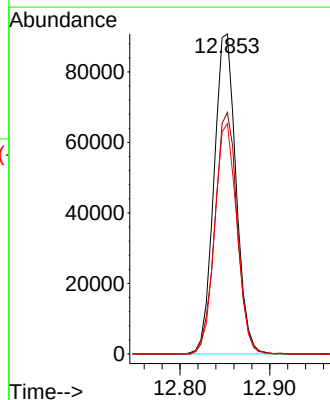
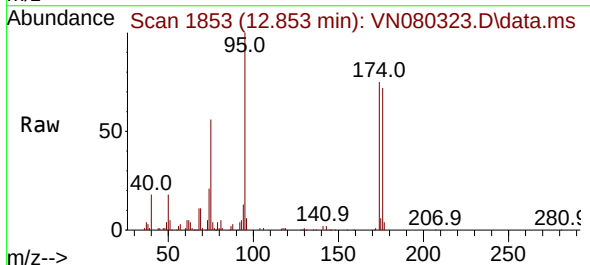
Instrument : MSVOA\_N  
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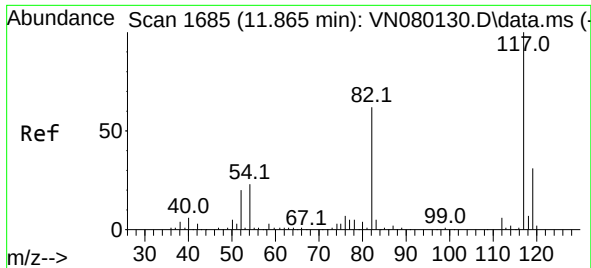
Tgt Ion: 98 Resp: 395440  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 52.647 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

Tgt Ion: 95 Resp: 154604  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 143.8  
176 73.3 0.0 135.8

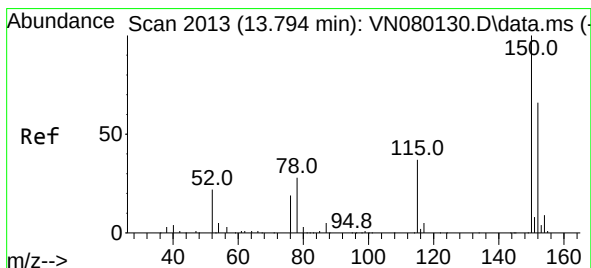
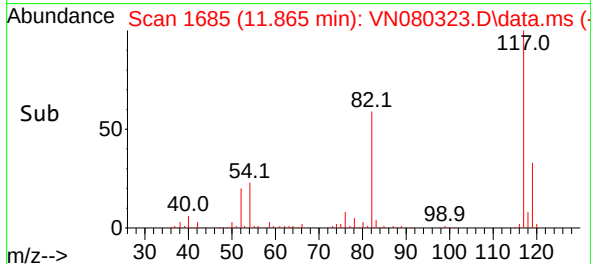
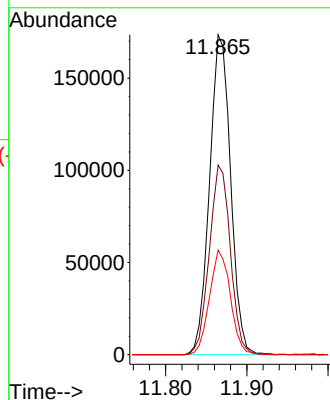
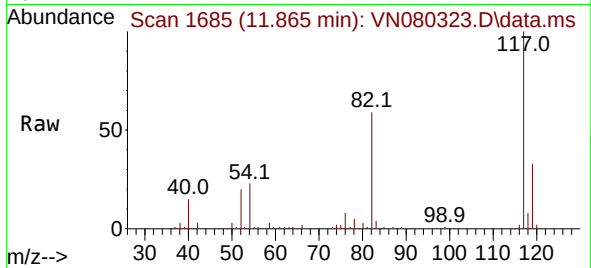




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 312410  
Ion Ratio Lower Upper  
117 100  
82 59.2 44.0 66.0  
119 32.7 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080323.D  
Acq: 01 Dec 2023 15:59

Tgt Ion:152 Resp: 136632  
Ion Ratio Lower Upper  
152 100  
115 63.7 32.3 96.8  
150 157.5 0.0 355.8

