

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072624\  
 Data File : VN083058.D  
 Acq On : 26 Jul 2024 17:49  
 Operator : JC\MD  
 Sample : P3383-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jul 26 23:10:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 144878   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 289862   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 292343   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 117942   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 121447   | 59.800   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 119.600% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 101824   | 54.745   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 109.480% |
| 50) Toluene-d8              | 10.570 | 98    | 347589   | 50.597   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 101.200% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 114254   | 46.300   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =     | 92.600%  |

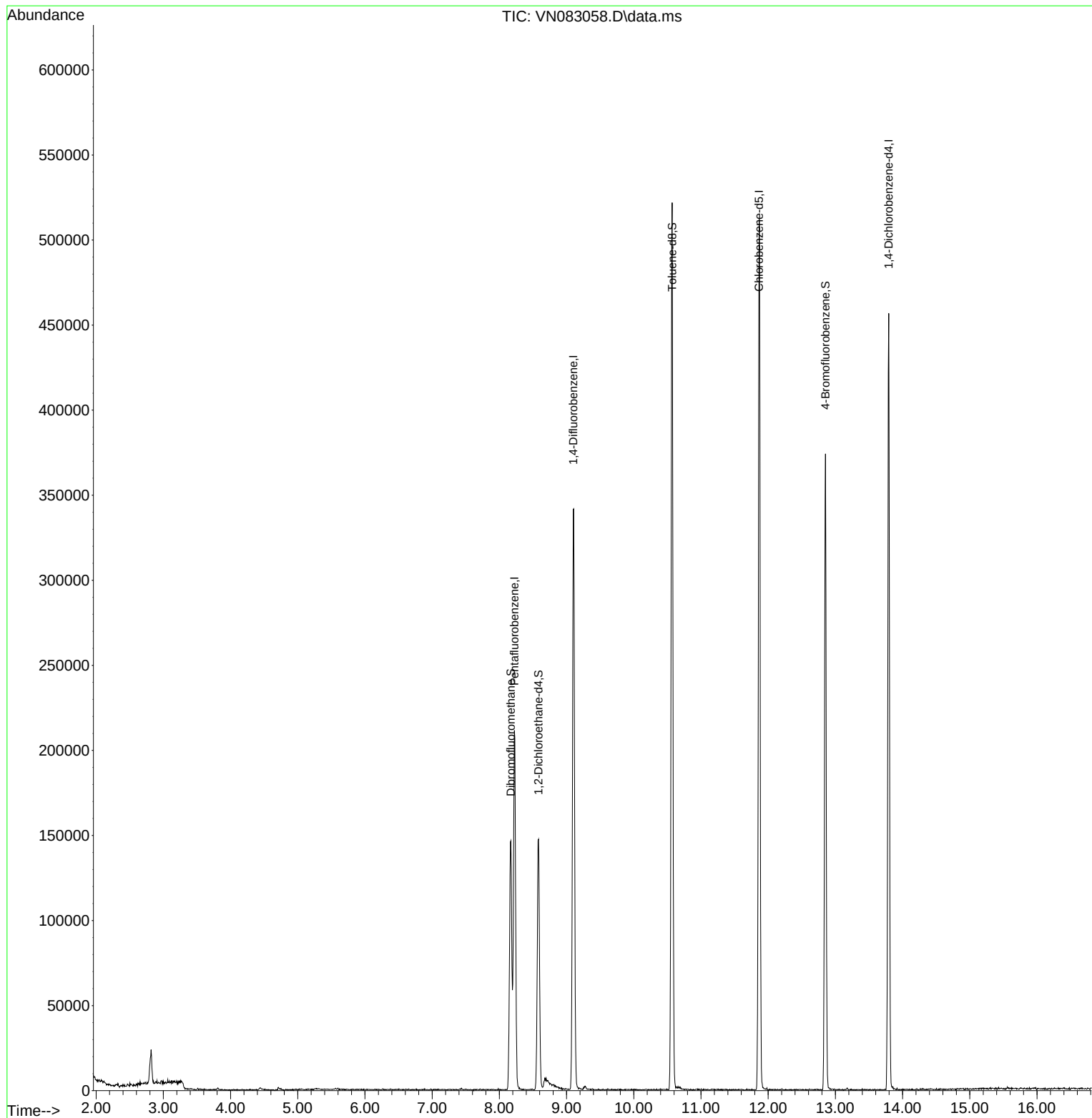
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

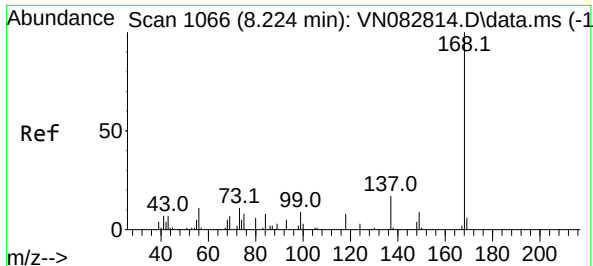
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

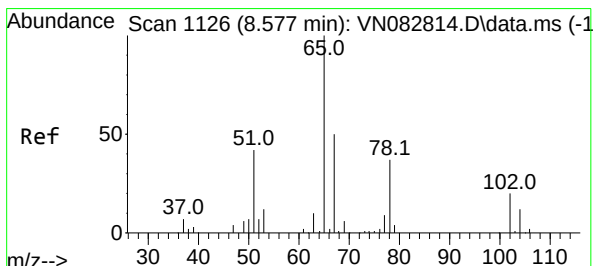
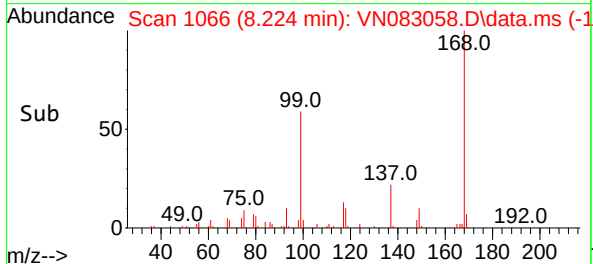
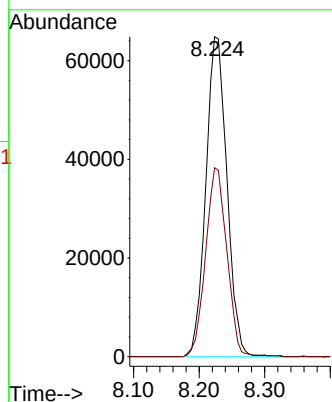
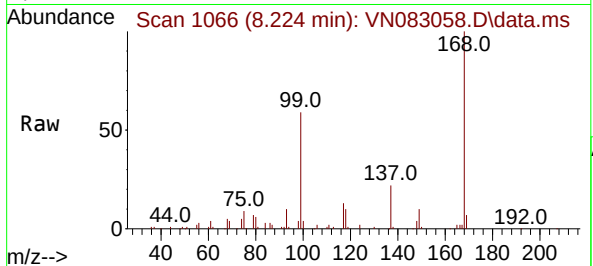




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN083058.D  
Acq: 26 Jul 2024 17:49

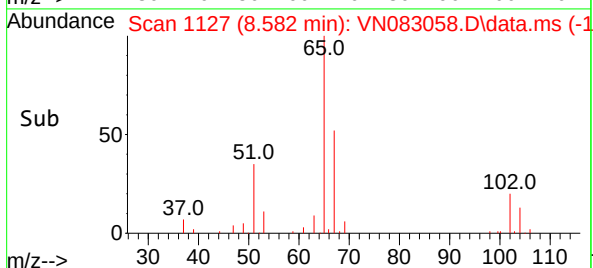
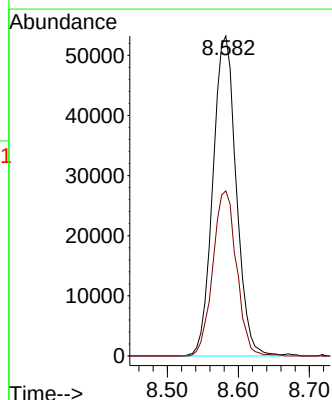
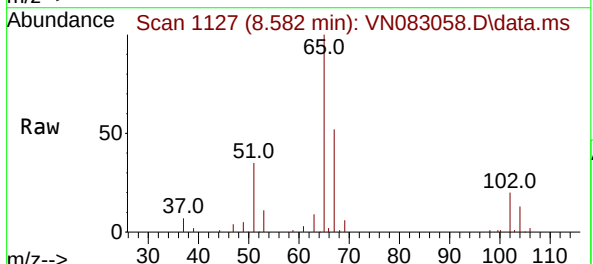
Instrument : MSVOA\_N  
ClientSampleId :  
Storage-Blank-SAMPLE-MANAGEMENT

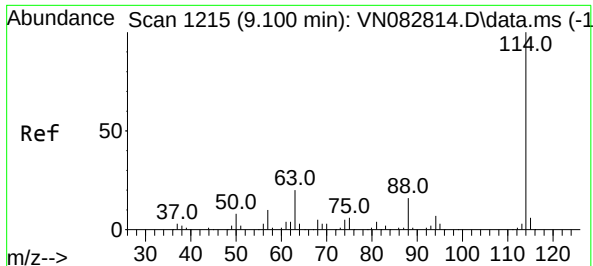
Tgt Ion:168 Resp: 144878  
Ion Ratio Lower Upper  
168 100  
99 59.1 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 59.800 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN083058.D  
Acq: 26 Jul 2024 17:49

Tgt Ion: 65 Resp: 121447  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

Instrument :

MSVOA\_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

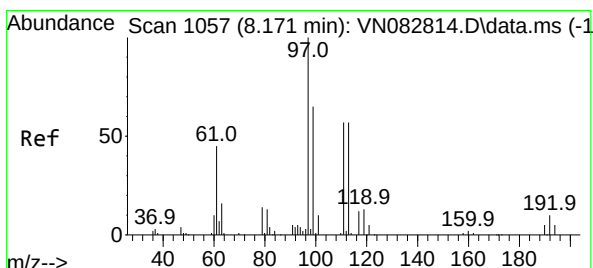
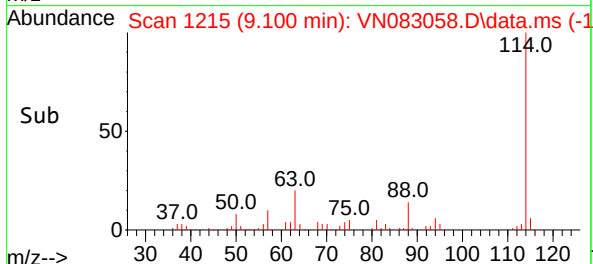
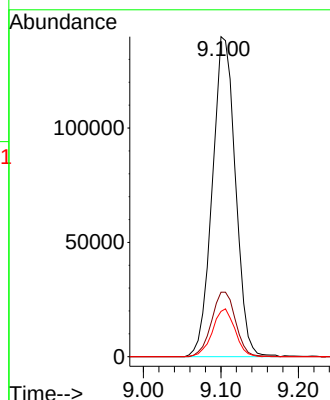
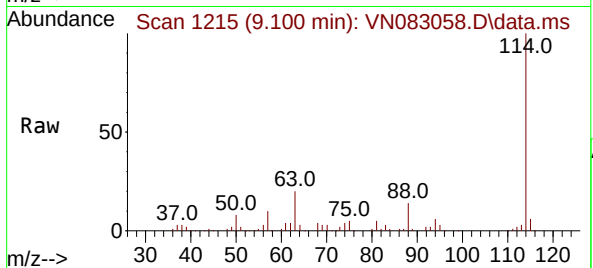
Tgt Ion:114 Resp: 289862

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

88 14.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.745 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

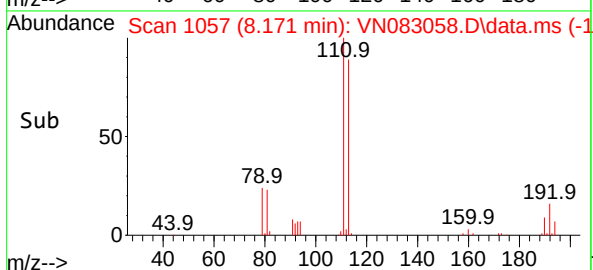
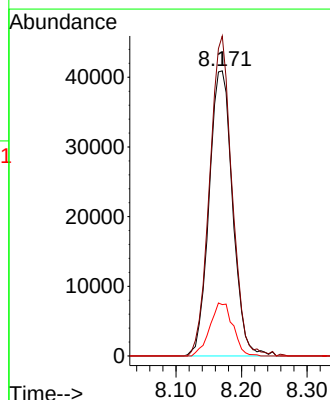
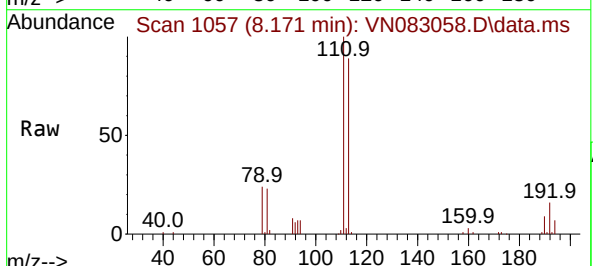
Tgt Ion:113 Resp: 101824

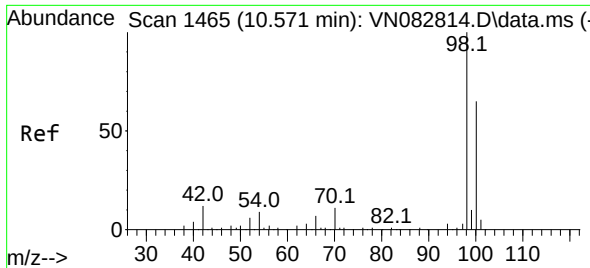
Ion Ratio Lower Upper

113 100

111 107.1 82.4 123.6

192 18.3 14.9 22.3

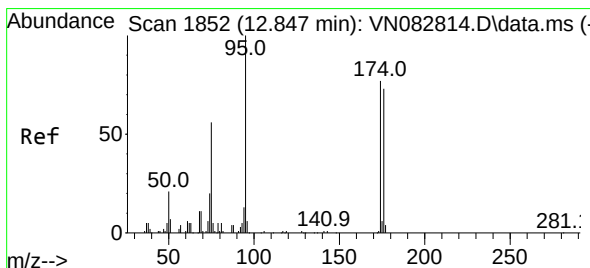
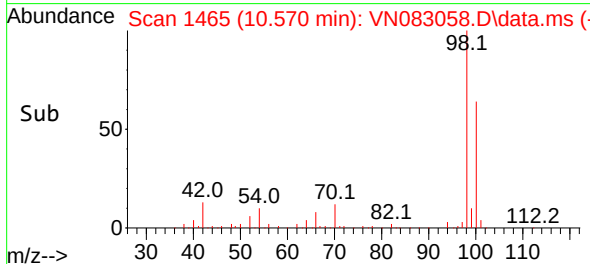
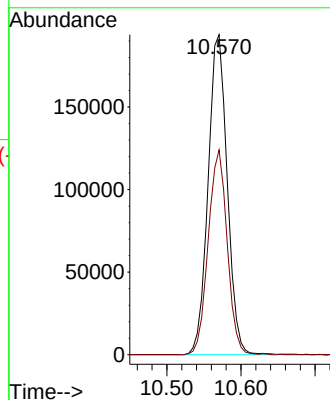
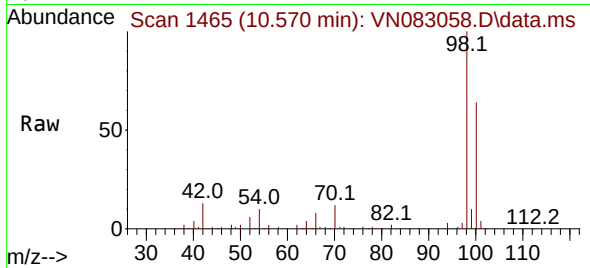




#50  
Toluene-d8  
Concen: 50.597 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN083058.D  
Acq: 26 Jul 2024 17:49

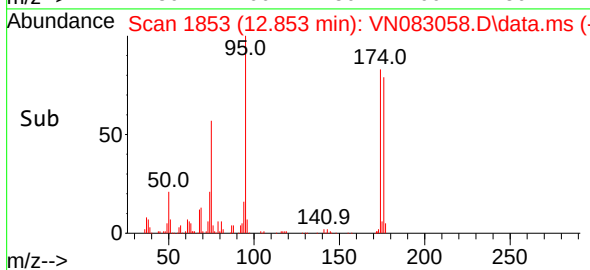
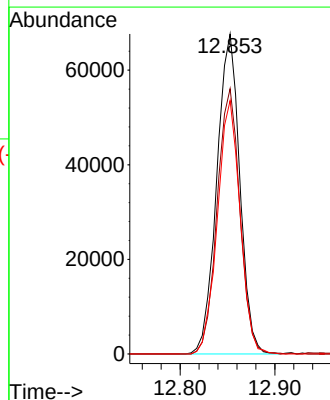
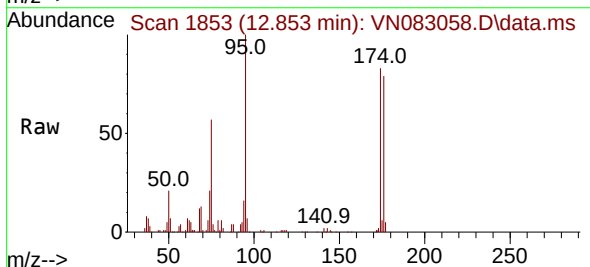
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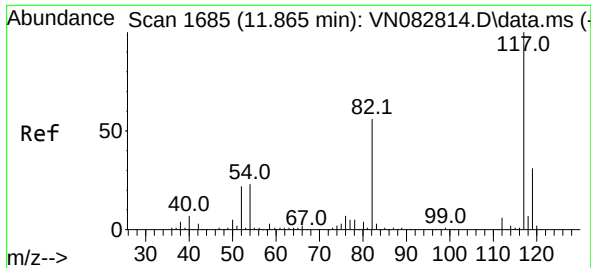
Tgt Ion: 98 Resp: 347589  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 46.300 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN083058.D  
Acq: 26 Jul 2024 17:49

Tgt Ion: 95 Resp: 114254  
Ion Ratio Lower Upper  
95 100  
174 81.9 0.0 159.2  
176 78.1 0.0 147.6

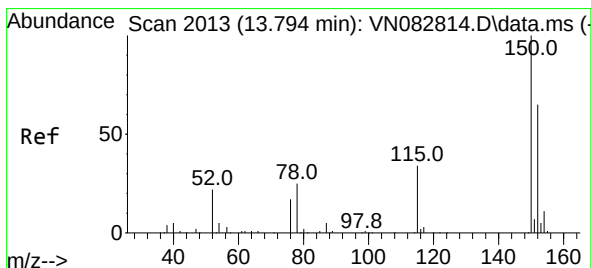
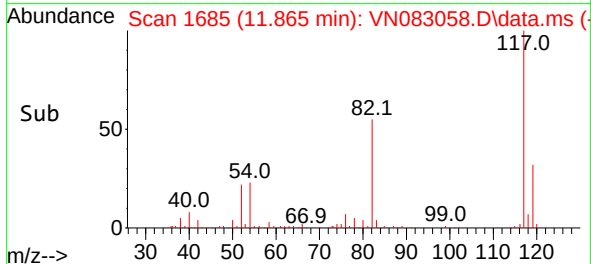
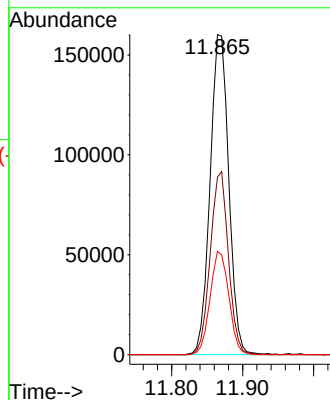
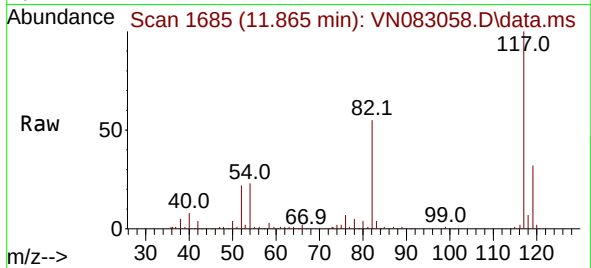




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN083058.D  
Acq: 26 Jul 2024 17:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 292343  
Ion Ratio Lower Upper  
117 100  
82 55.5 47.5 71.3  
119 32.3 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: VN083058.D  
Acq: 26 Jul 2024 17:49

Tgt Ion:152 Resp: 117942  
Ion Ratio Lower Upper  
152 100  
115 58.9 30.6 91.6  
150 159.5 0.0 348.6

