

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042624\  
 Data File : VN081869.D  
 Acq On : 26 Apr 2024 10:47  
 Operator : JC\MD  
 Sample : VN0426MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0426MBL01

Quant Time: Apr 26 22:56:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 26 05:26:49 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 223113   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 400102   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 354535   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 146760   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 161022   | 42.762   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 85.520%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 117262   | 48.677   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.360%  |
| 50) Toluene-d8              | 10.565 | 98    | 492371   | 52.042   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 104.080% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 180813   | 48.346   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 96.700%  |

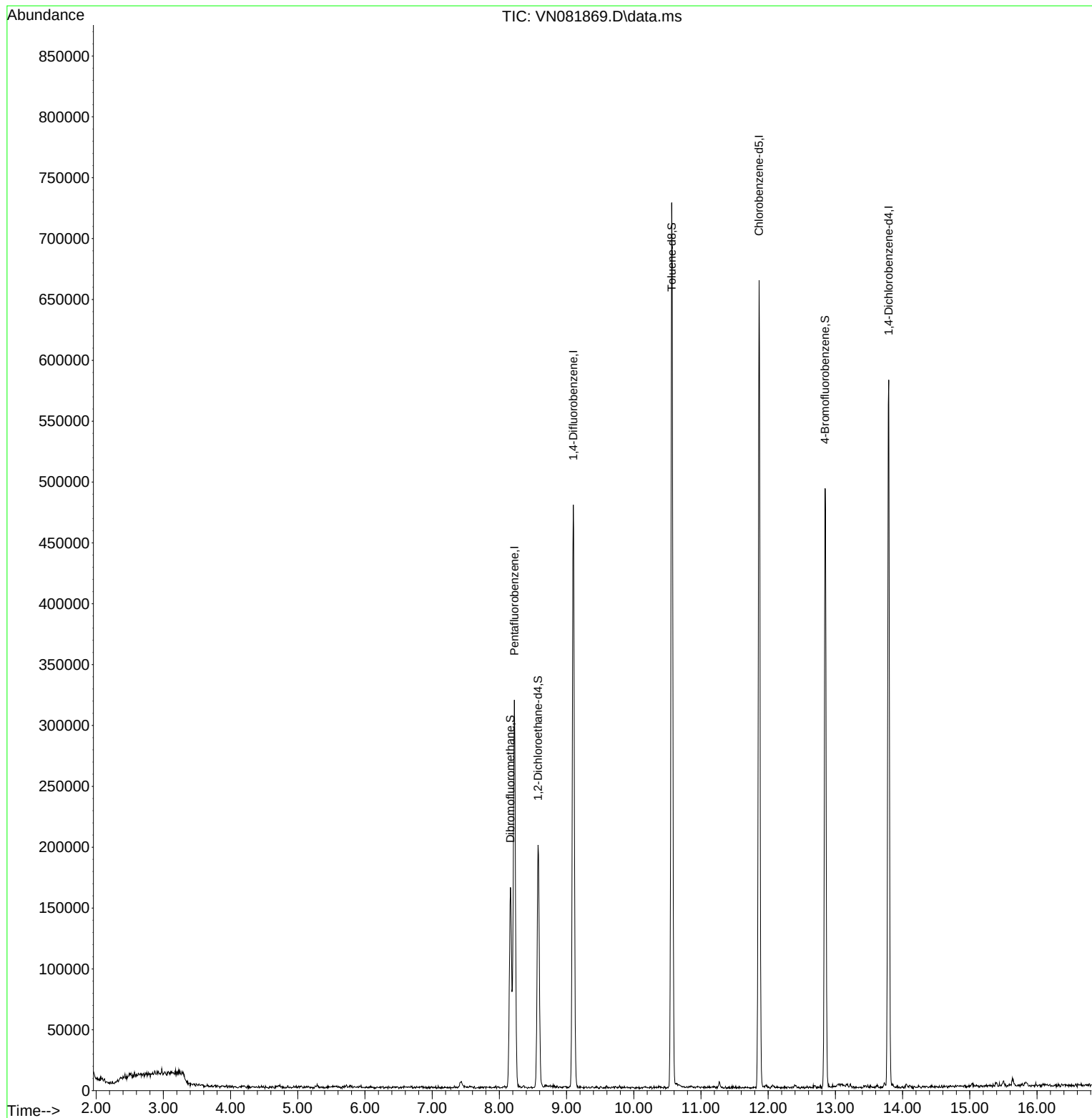
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

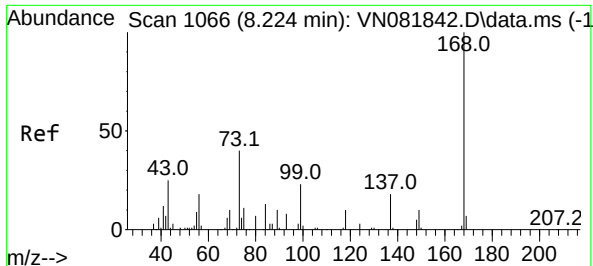
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0426MBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 26 05:26:49 2024  
Response via : Initial Calibration

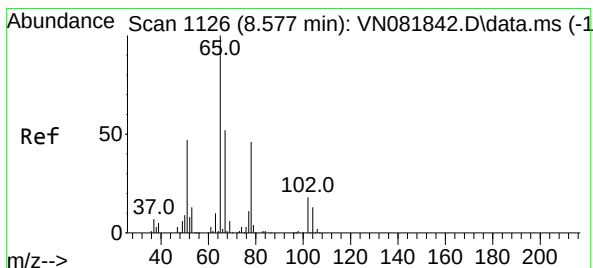
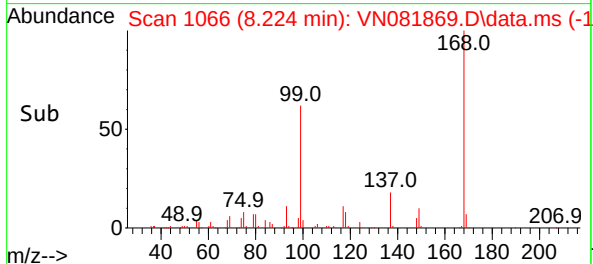
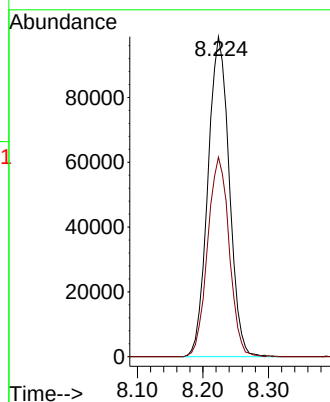
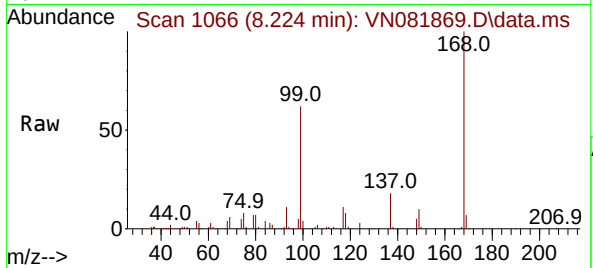




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

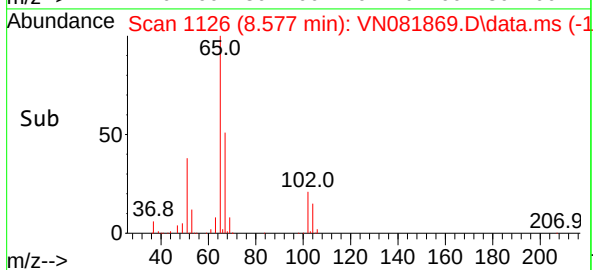
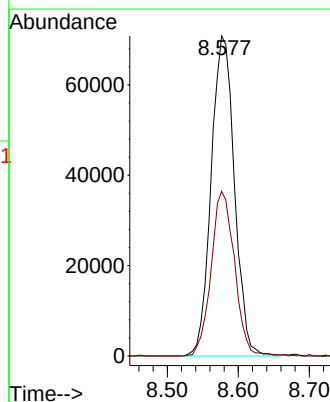
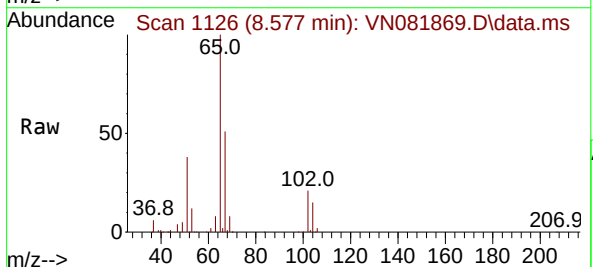
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0426MBL01

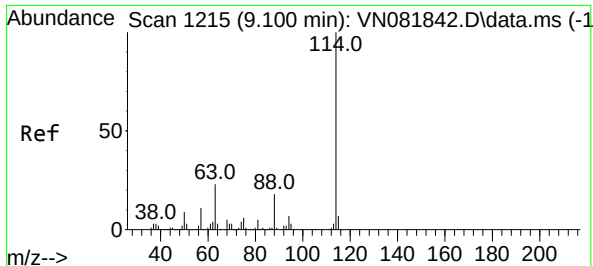
Tgt Ion:168 Resp: 223113  
Ion Ratio Lower Upper  
168 100  
99 62.4 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 42.762 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

Tgt Ion: 65 Resp: 161022  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081869.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0426MBL01

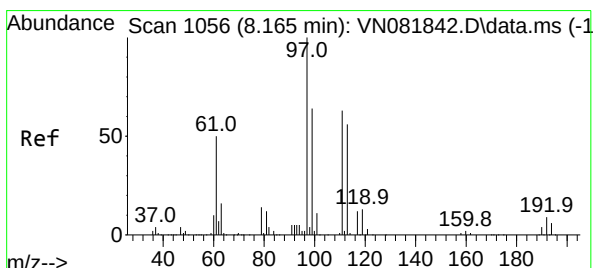
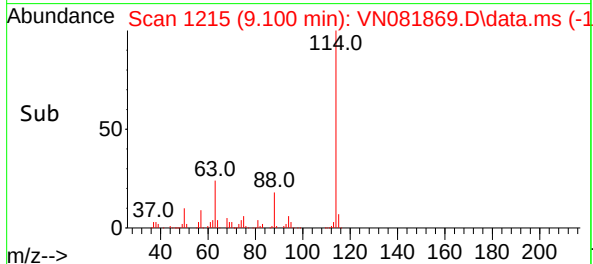
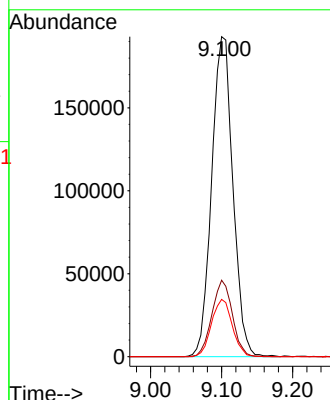
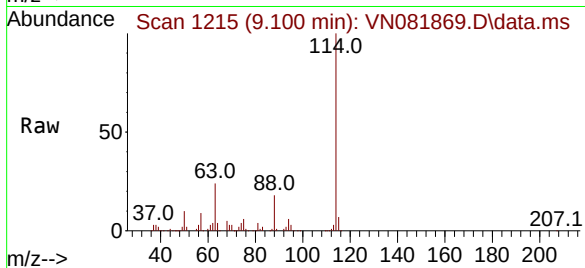
Tgt Ion:114 Resp: 400102

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 17.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.677 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081869.D

Acq: 26 Apr 2024 10:47

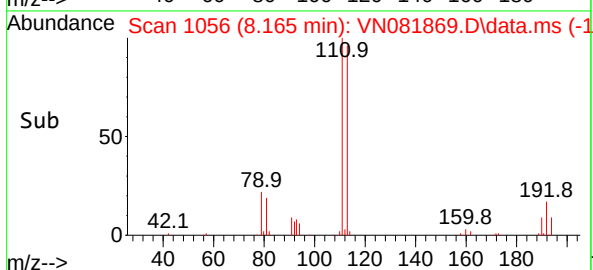
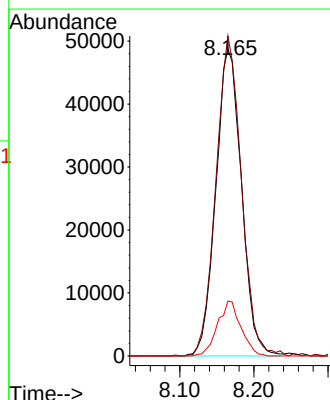
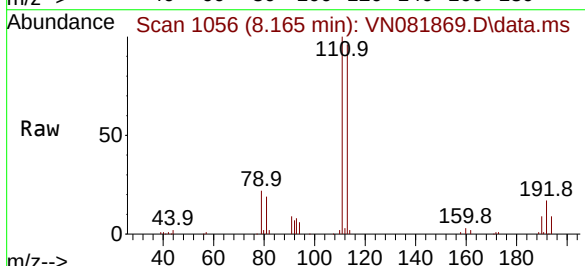
Tgt Ion:113 Resp: 117262

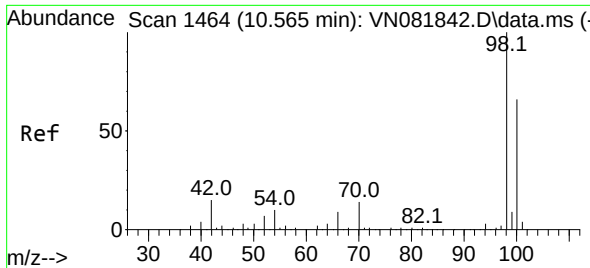
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 16.3 14.0 21.0

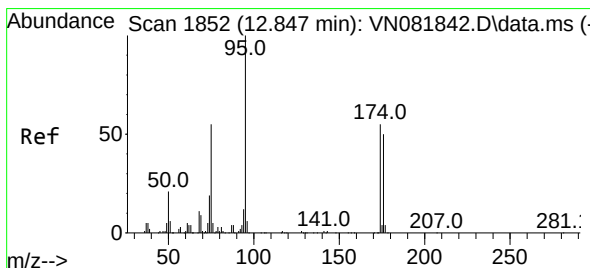
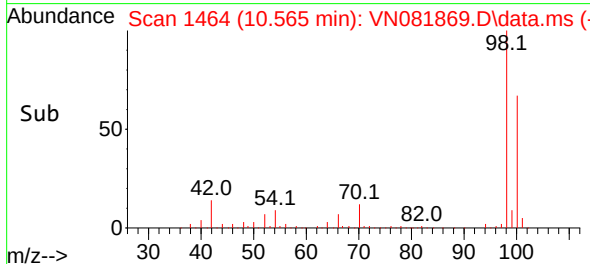
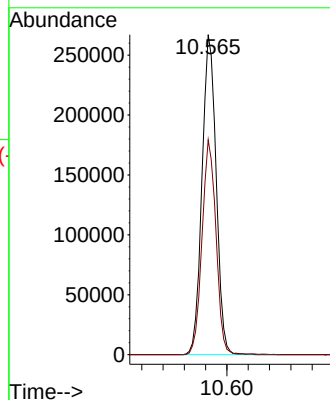
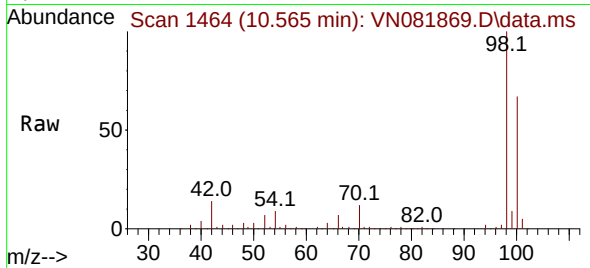




#50  
Toluene-d8  
Concen: 52.042 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

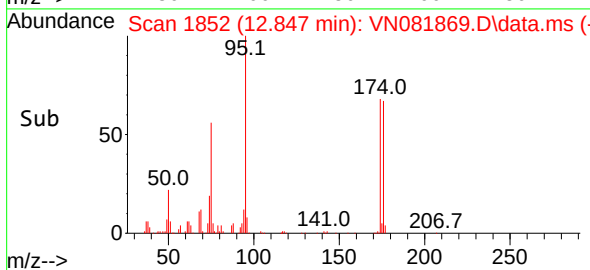
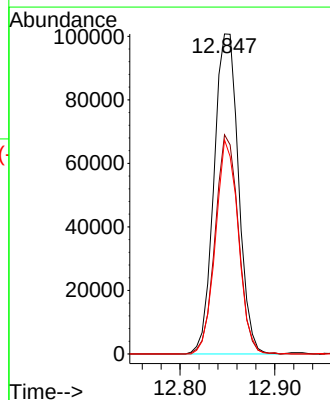
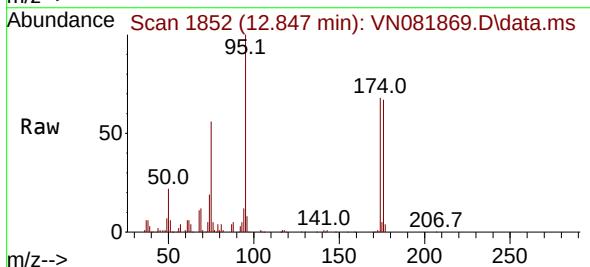
Instrument :  
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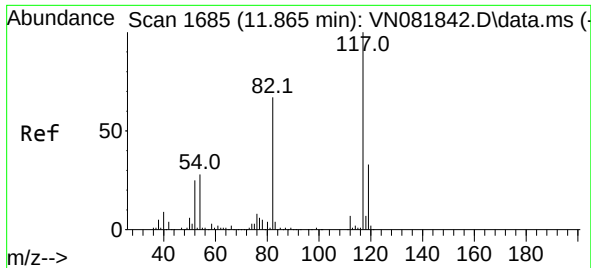
Tgt Ion: 98 Resp: 492371  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 48.346 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

Tgt Ion: 95 Resp: 180813  
Ion Ratio Lower Upper  
95 100  
174 65.2 0.0 160.6  
176 62.4 0.0 152.8

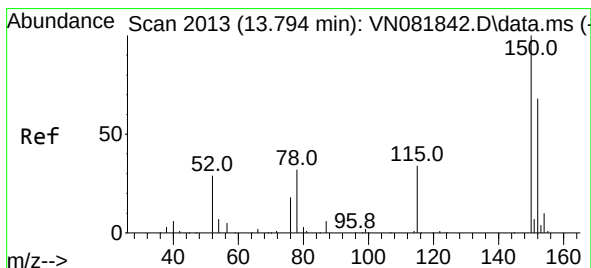
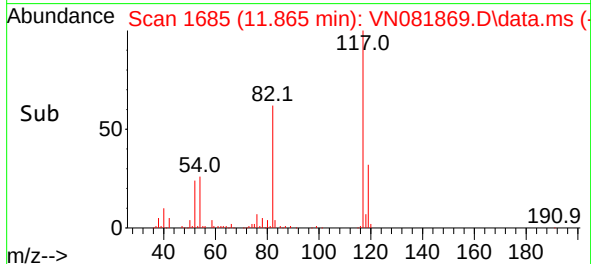
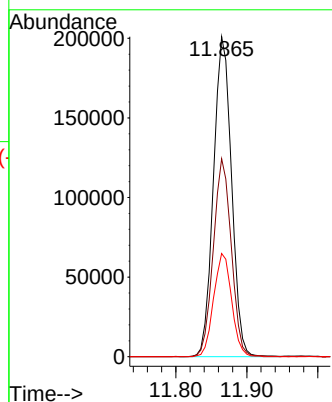
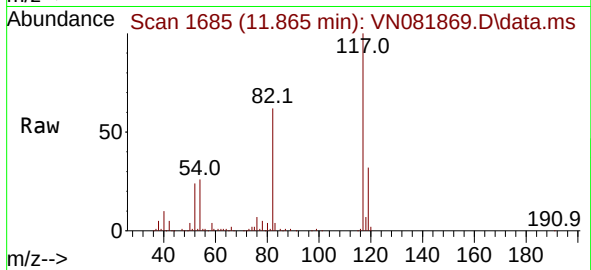




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0426MBL01

Tgt Ion:117 Resp: 354535  
Ion Ratio Lower Upper  
117 100  
82 61.9 44.6 66.8  
119 32.3 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN081869.D  
Acq: 26 Apr 2024 10:47

Tgt Ion:152 Resp: 146760  
Ion Ratio Lower Upper  
152 100  
115 64.1 30.4 91.3  
150 159.1 0.0 353.2

