

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042624\  
 Data File : VN081874.D  
 Acq On : 26 Apr 2024 13:44  
 Operator : JC\MD  
 Sample : P2257-05DL 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41CDL

Quant Time: Apr 26 22:59:48 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

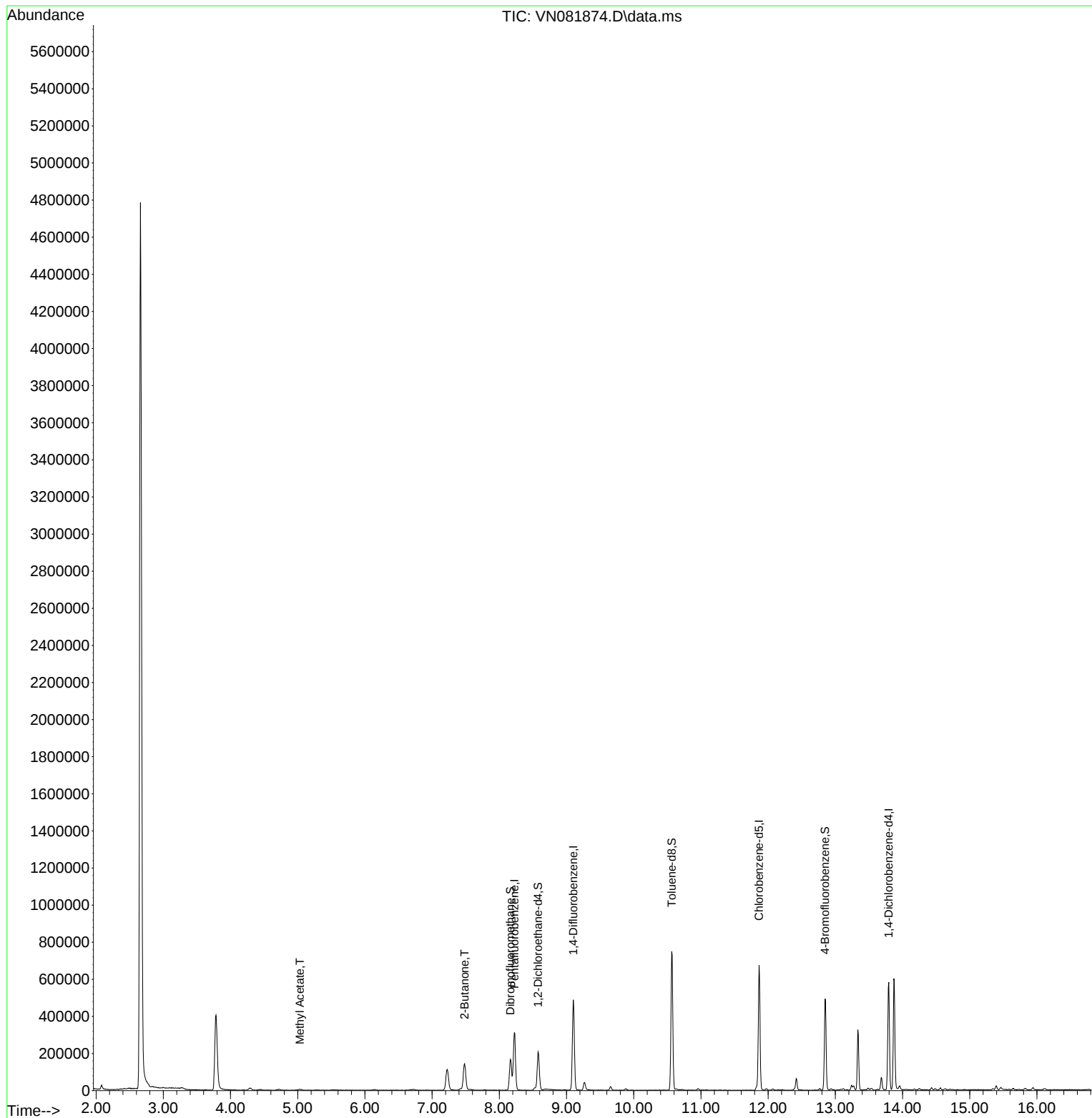
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 217879   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 407314   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 362377   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 146595   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 164239   | 44.664   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 89.320%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 120018   | 48.939   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.880%  |
| 50) Toluene-d8              | 10.565 | 98    | 494310   | 51.322   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 102.640% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 177198   | 46.540   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 93.080%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 18) Methyl Acetate          | 5.030  | 43    | 10032    | 2.693    | ug/l # | 79       |
| 25) 2-Butanone              | 7.483  | 43    | 237976   | 114.022  | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

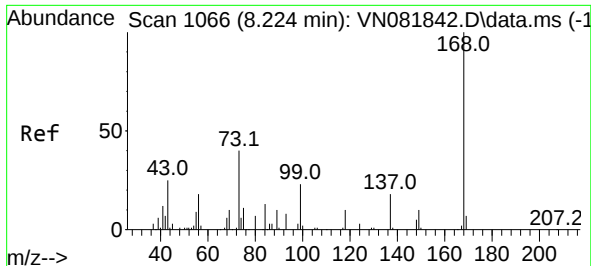
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Apr 26 05:26:49 2024  
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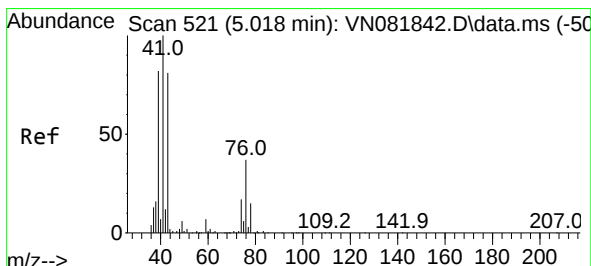
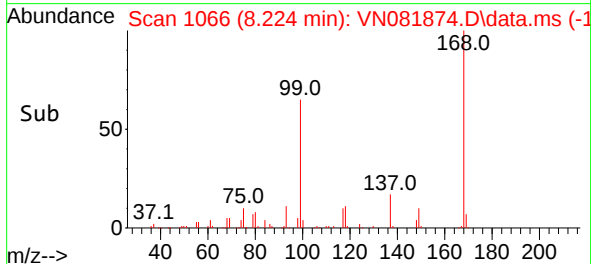
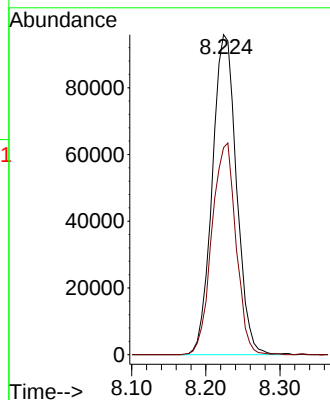
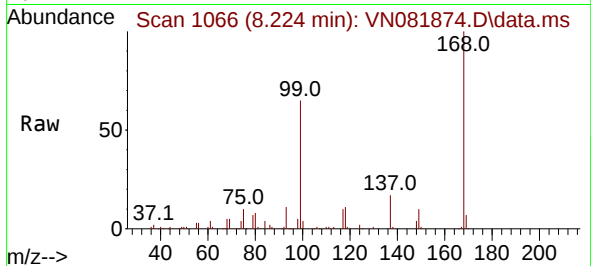




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

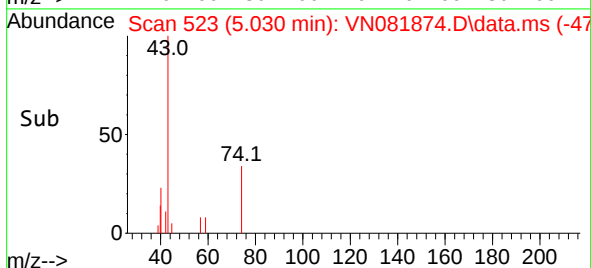
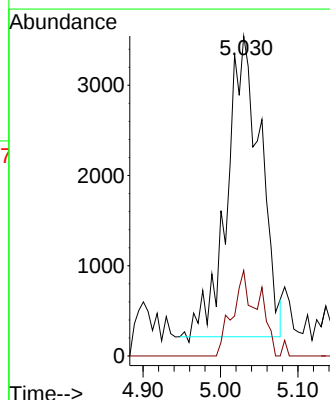
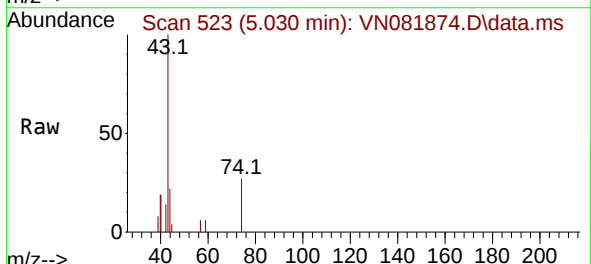
Instrument :  
MSVOA\_N  
ClientSampleId :  
41CDL

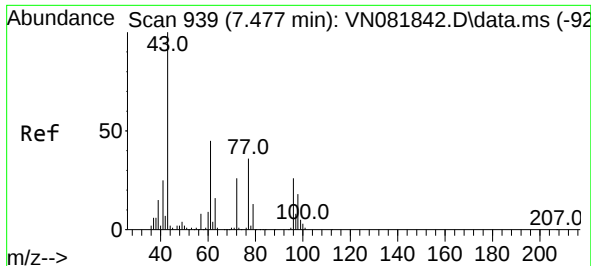
Tgt Ion:168 Resp: 217879  
Ion Ratio Lower Upper  
168 100  
99 64.7 48.2 72.4



#18  
Methyl Acetate  
Concen: 2.693 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

Tgt Ion: 43 Resp: 10032  
Ion Ratio Lower Upper  
43 100  
74 16.8 22.2 33.2#

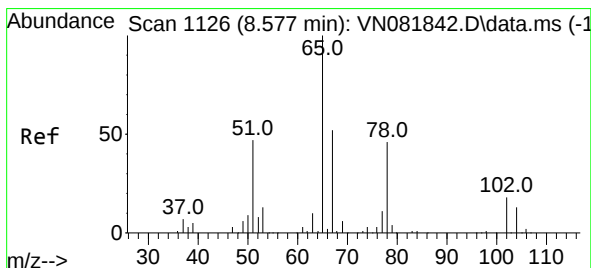
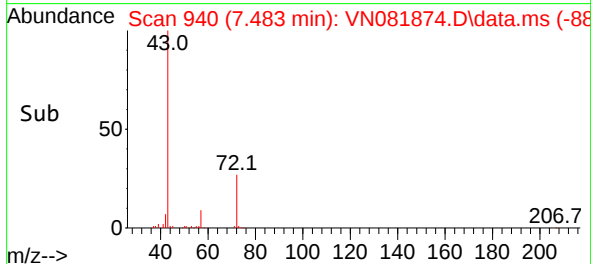
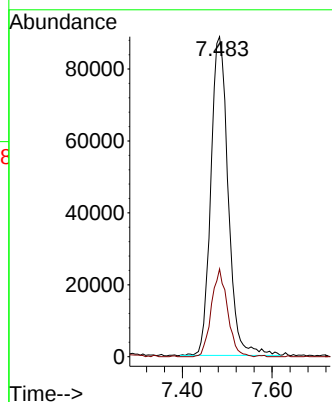
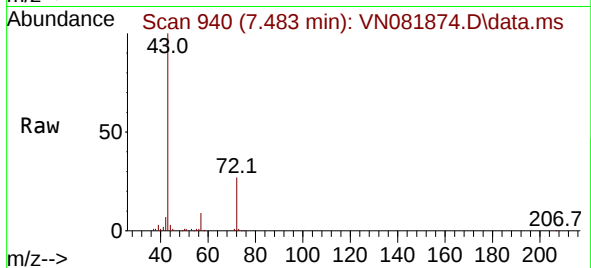




#25  
2-Butanone  
Concen: 114.022 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

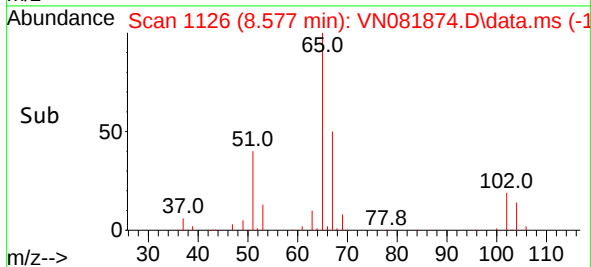
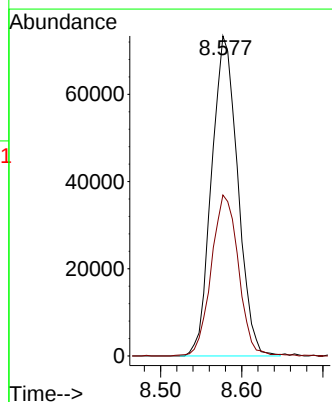
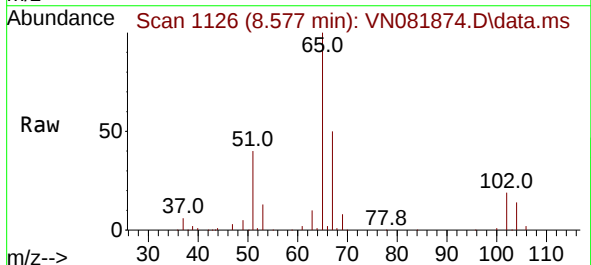
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ClientSampleId :  
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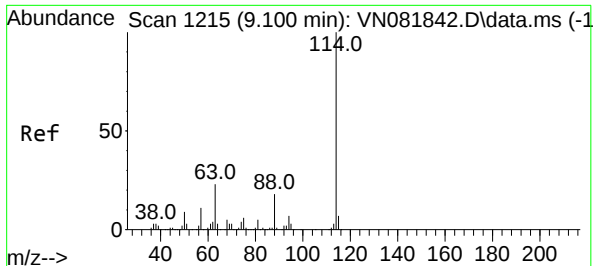
Tgt Ion: 43 Resp: 237976  
Ion Ratio Lower Upper  
43 100  
72 27.5 25.3 37.9



#33  
1,2-Dichloroethane-d4  
Concen: 44.664 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

Tgt Ion: 65 Resp: 164239  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081874.D

Acq: 26 Apr 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

41CDL

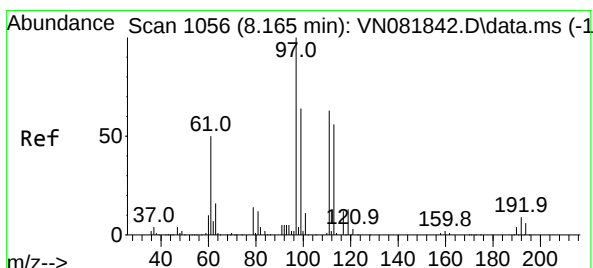
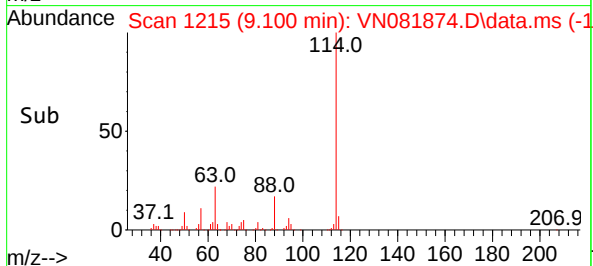
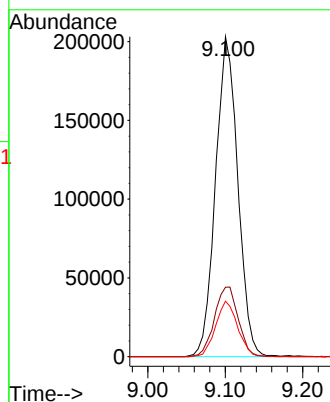
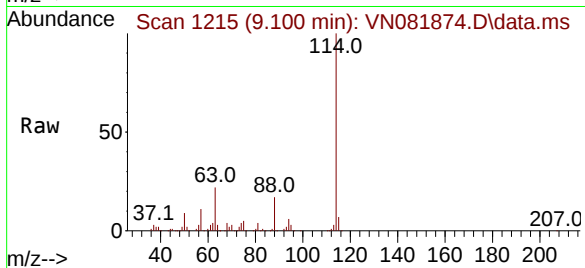
Tgt Ion:114 Resp: 407314

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.0

88 17.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.939 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081874.D

Acq: 26 Apr 2024 13:44

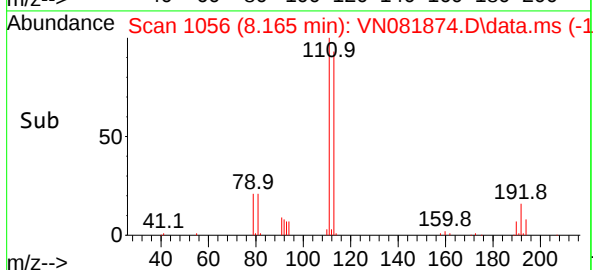
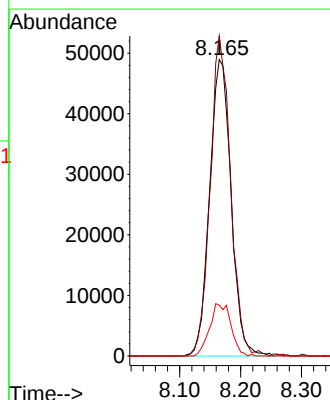
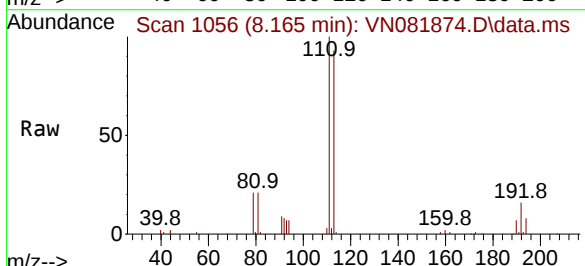
Tgt Ion:113 Resp: 120018

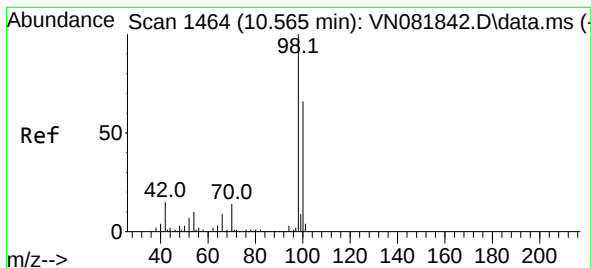
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 17.5 14.0 21.0

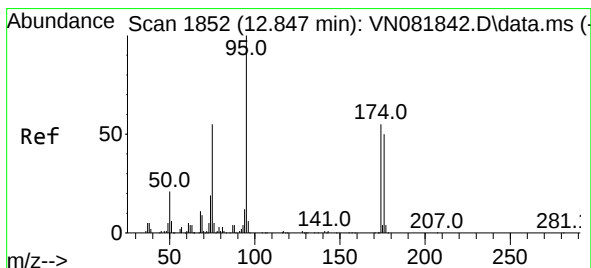
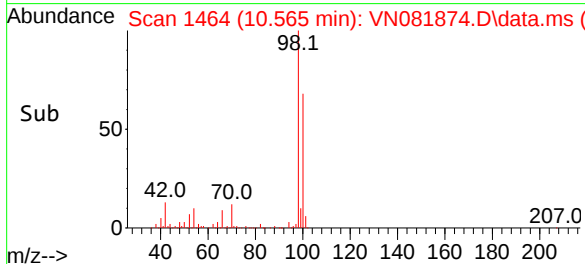
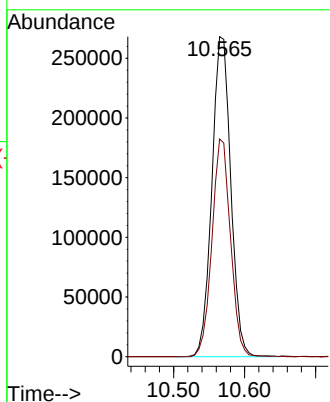
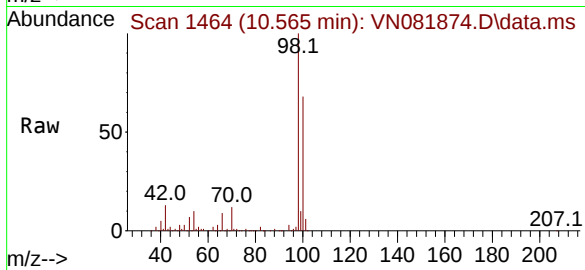




#50  
Toluene-d8  
Concen: 51.322 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

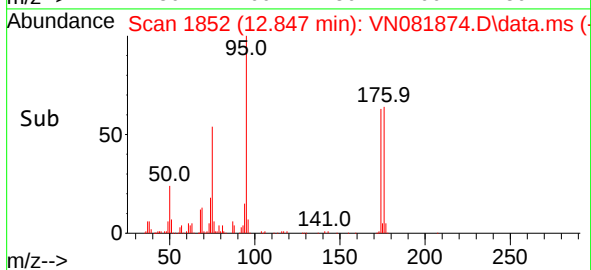
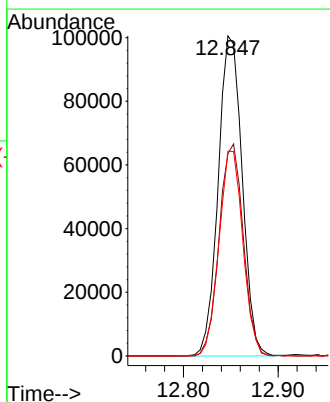
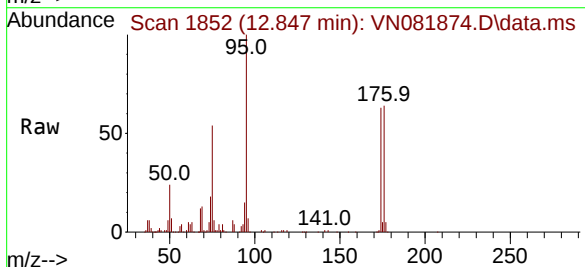
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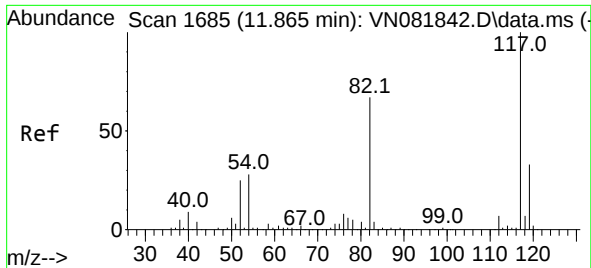
Tgt Ion: 98 Resp: 494310  
Ion Ratio Lower Upper  
98 100  
100 66.7 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 46.540 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

Tgt Ion: 95 Resp: 177198  
Ion Ratio Lower Upper  
95 100  
174 66.4 0.0 160.6  
176 63.9 0.0 152.8

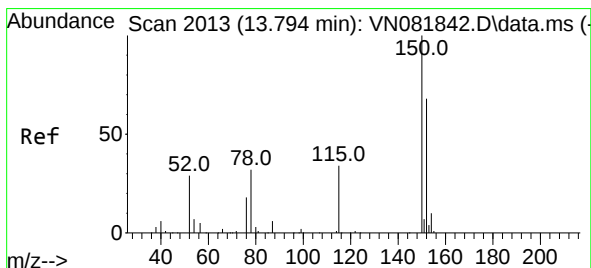
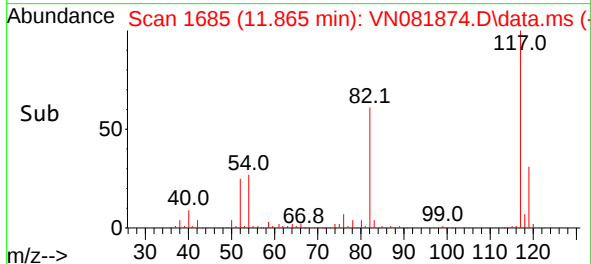
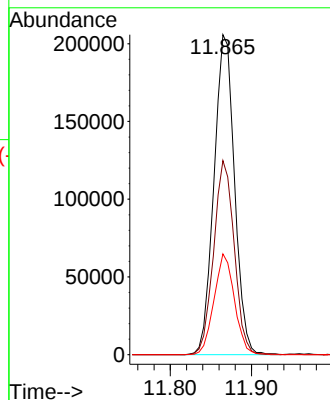
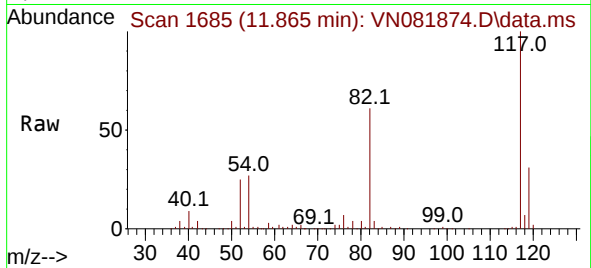




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN081874.D  
Acq: 26 Apr 2024 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
41CDL

Tgt Ion:117 Resp: 362377  
Ion Ratio Lower Upper  
117 100  
82 60.7 44.6 66.8  
119 31.5 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: VN081874.D  
Acq: 26 Apr 2024 13:44

Tgt Ion:152 Resp: 146595  
Ion Ratio Lower Upper  
152 100  
115 64.8 30.4 91.3  
150 158.7 0.0 353.2

