

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041524\  
 Data File : VN081742.D  
 Acq On : 15 Apr 2024 17:10  
 Operator : JC\MD  
 Sample : P2108-03ME  
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 286ME

Quant Time: Apr 15 23:29:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041524W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 15:37:39 2024  
 Response via : Initial Calibration

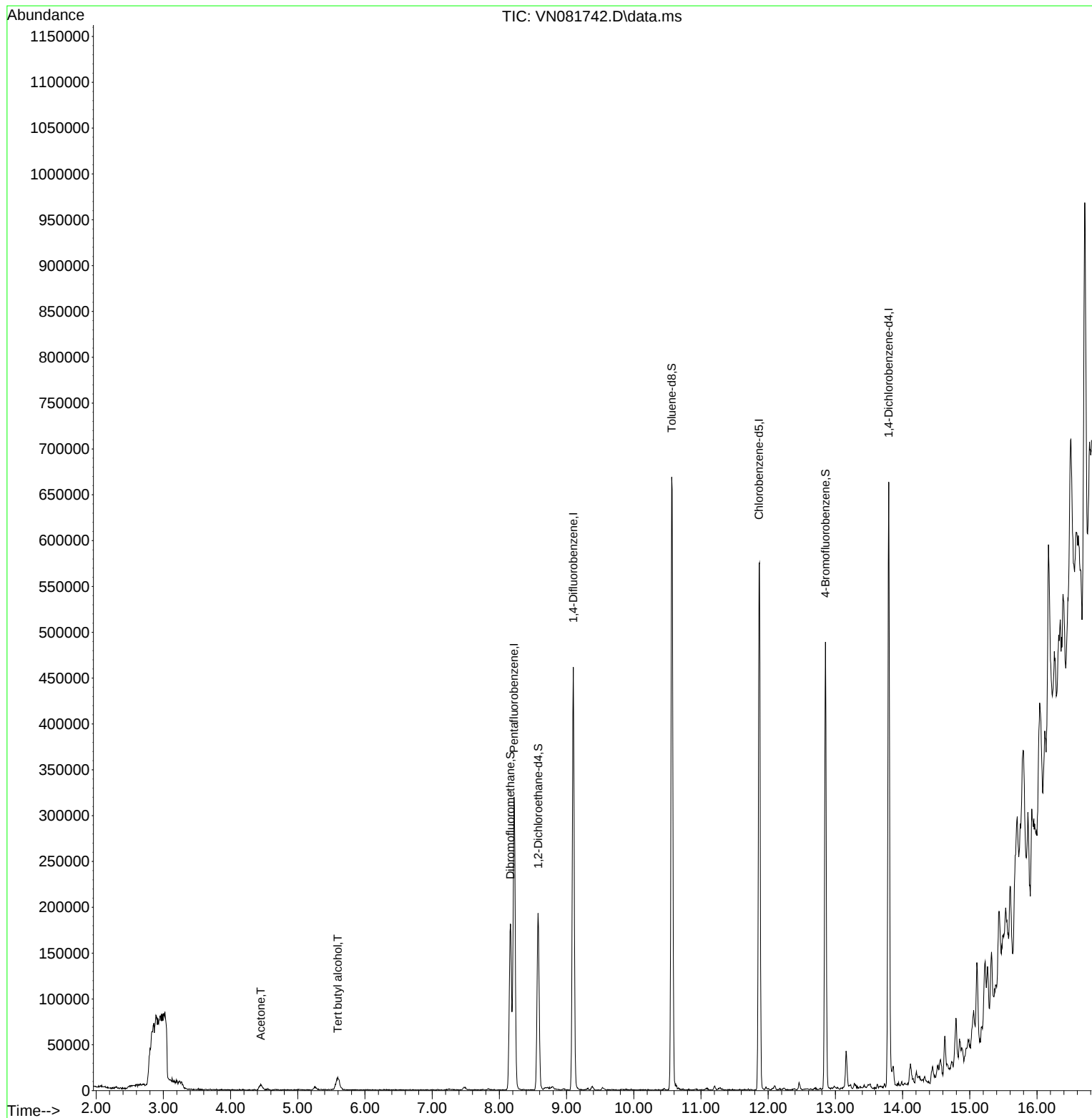
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.218     | 168   | 222826   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114   | 386820   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 342304   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 168533   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.577     | 65    | 158987   | 50.705   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 101.420% |          |
| 35) Dibromofluoromethane    | 8.165     | 113   | 128055   | 50.132   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 100.260% |          |
| 50) Toluene-d8              | 10.565    | 98    | 469900   | 49.936   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 99.880%  |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 160018   | 49.762   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | = 99.520%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 5.595     | 59    | 24369    | 56.975   | ug/l       | 95       |
| 16) Acetone                 | 4.448     | 43    | 11680    | 13.384   | ug/l       | 91       |
| -----                       |           |       |          |          |            |          |

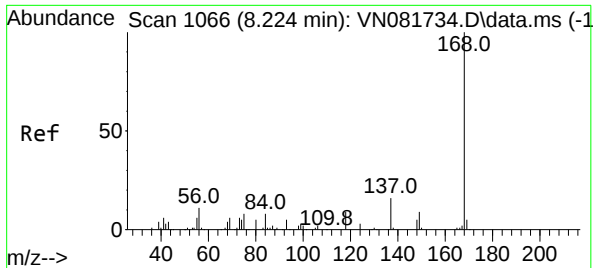
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2108-03ME  
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
286ME

Quant Time: Apr 15 23:29:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041524W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 15 15:37:39 2024  
Response via : Initial Calibration

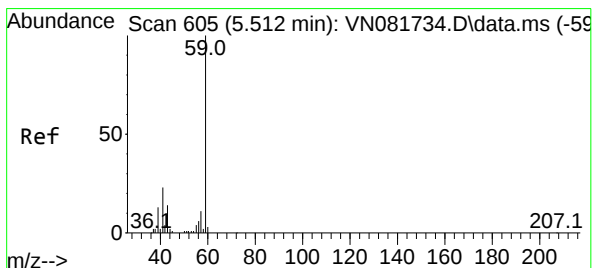
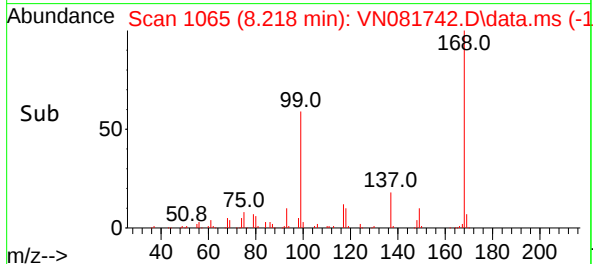
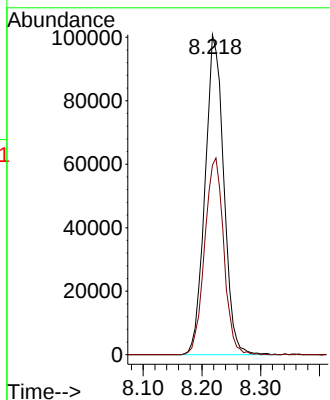
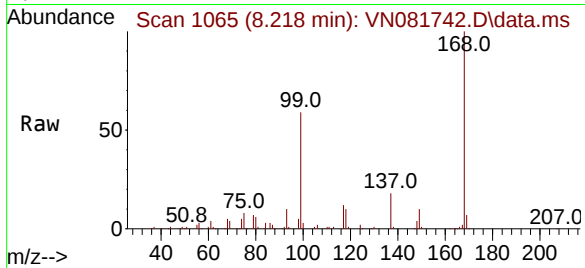




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

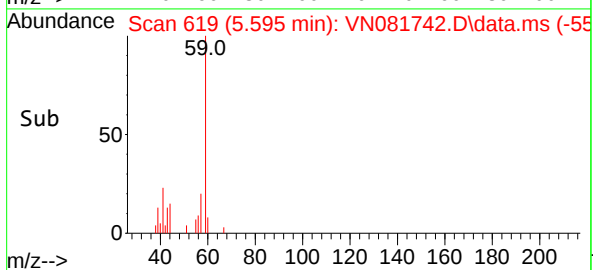
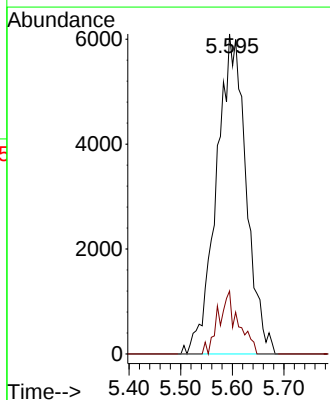
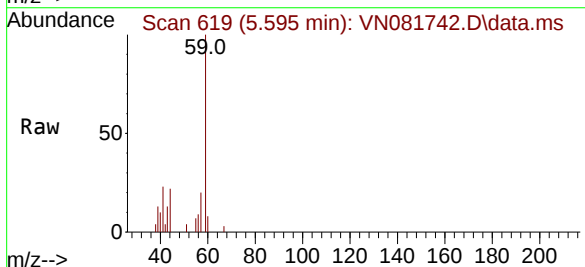
Instrument :  
MSVOA\_N  
ClientSampleId :  
286ME

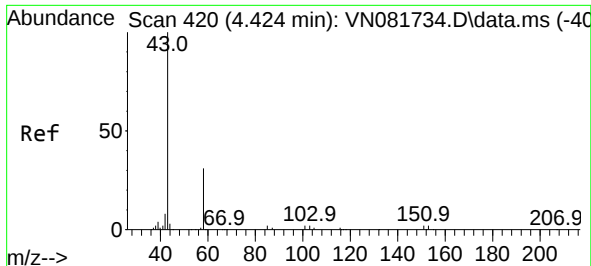
Tgt Ion:168 Resp: 222826  
Ion Ratio Lower Upper  
168 100  
99 59.3 48.2 72.4



#11  
Tert butyl alcohol  
Concen: 56.975 ug/l  
RT: 5.595 min Scan# 619  
Delta R.T. 0.083 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

Tgt Ion: 59 Resp: 24369  
Ion Ratio Lower Upper  
59 100  
57 13.1 8.9 13.3

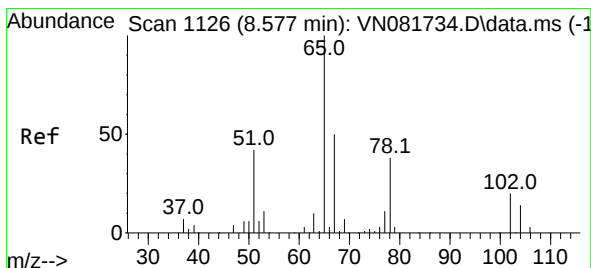
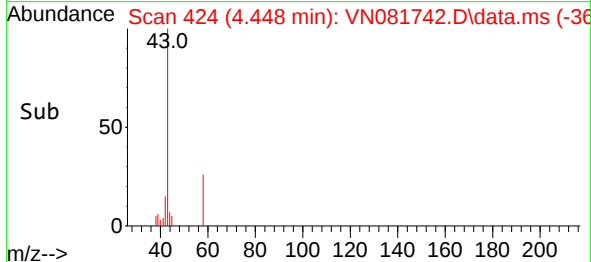
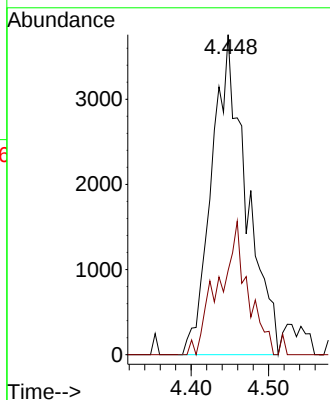
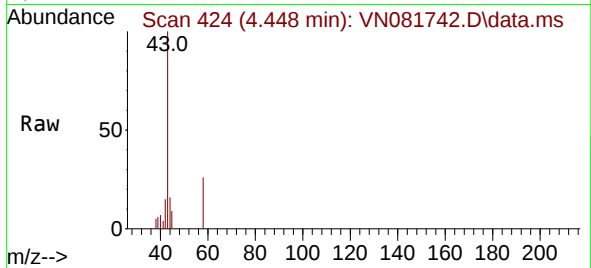




#16  
Acetone  
Concen: 13.384 ug/l  
RT: 4.448 min Scan# 41  
Delta R.T. 0.024 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

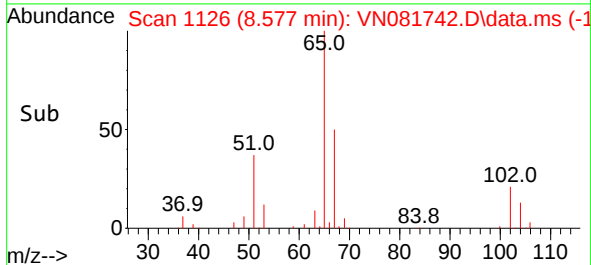
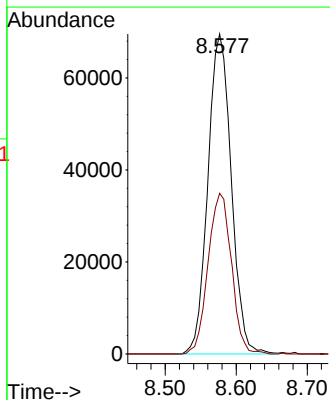
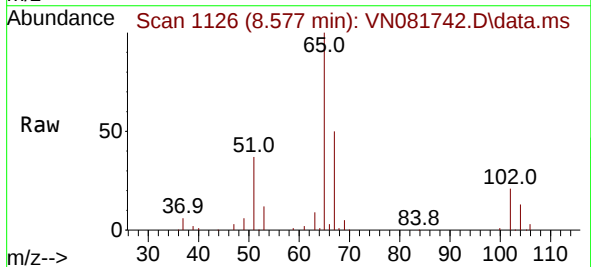
Instrument :  
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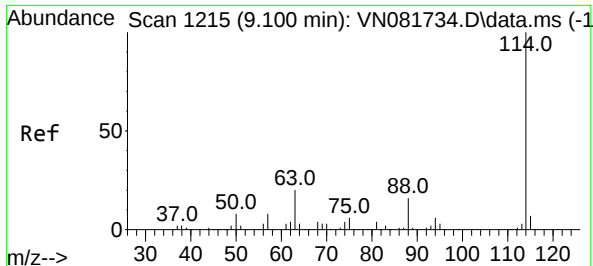
Tgt Ion: 43 Resp: 11680  
Ion Ratio Lower Upper  
43 100  
58 26.3 25.2 37.8



#33  
1,2-Dichloroethane-d4  
Concen: 50.705 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

Tgt Ion: 65 Resp: 158987  
Ion Ratio Lower Upper  
65 100  
67 50.1 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: VN081742.D

Acq: 15 Apr 2024 17:10

Instrument :

MSVOA\_N

ClientSampleId :

286ME

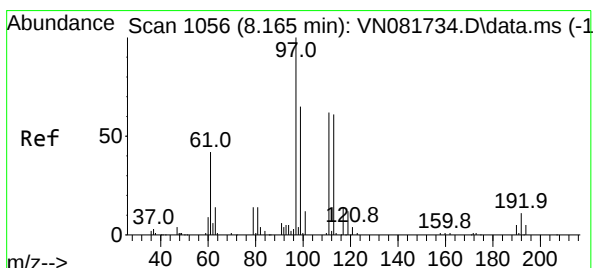
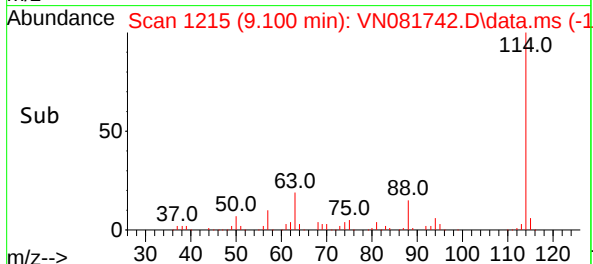
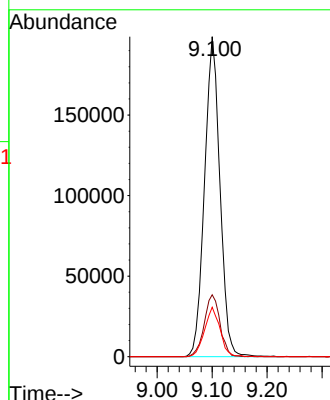
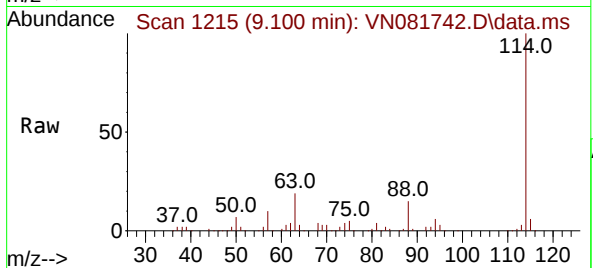
Tgt Ion:114 Resp: 386820

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081742.D

Acq: 15 Apr 2024 17:10

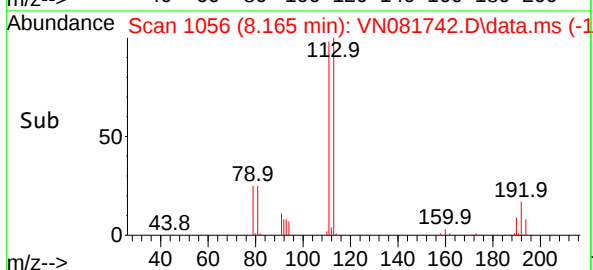
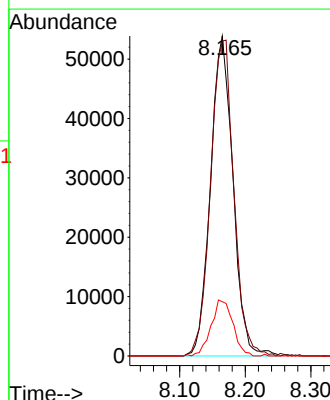
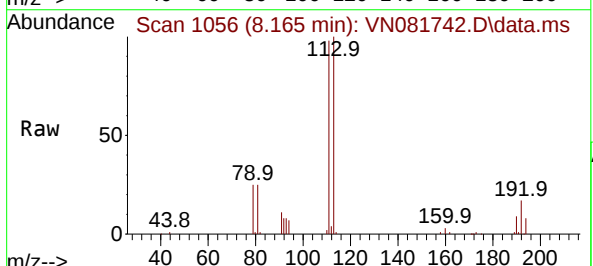
Tgt Ion:113 Resp: 128055

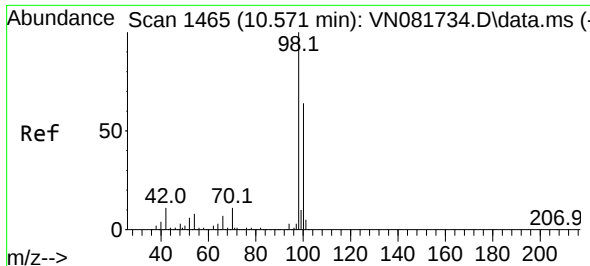
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 17.0 14.0 21.0

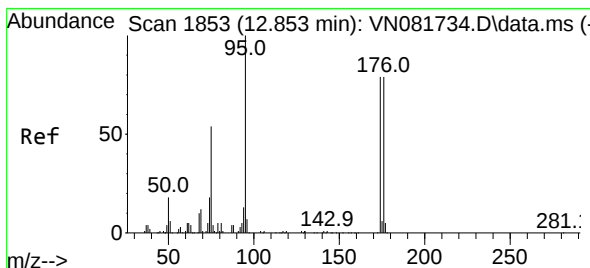
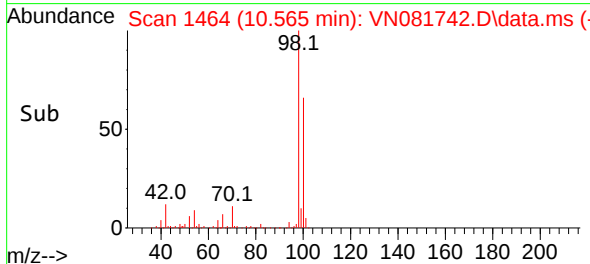
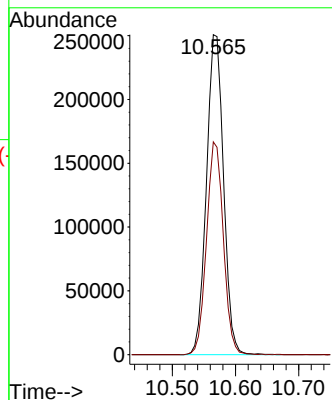
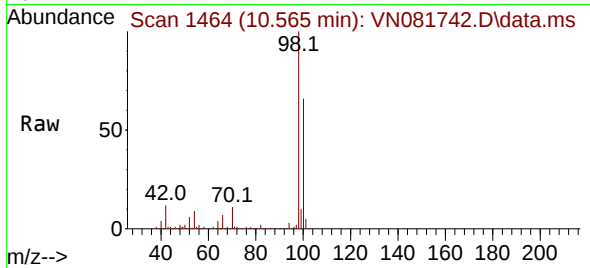




#50  
Toluene-d8  
Concen: 49.936 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

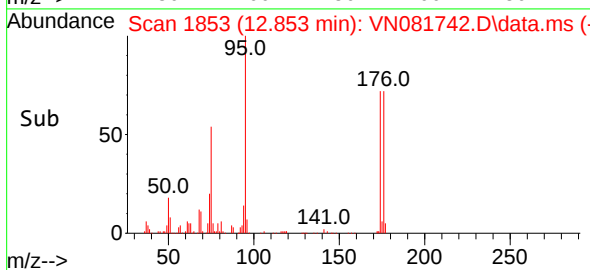
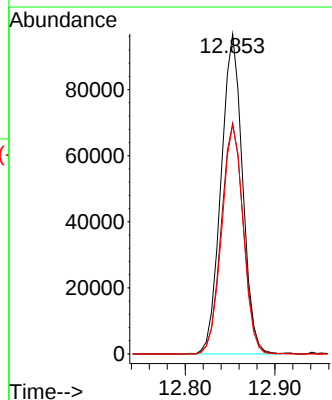
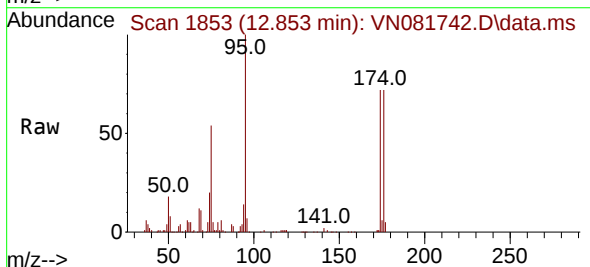
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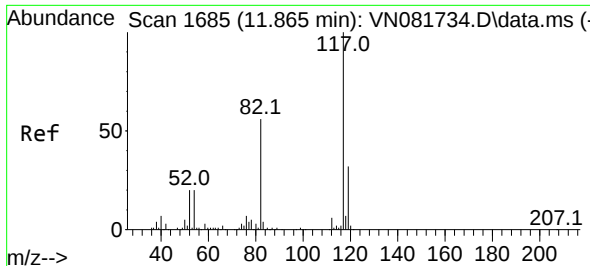
Tgt Ion: 98 Resp: 469900  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 49.762 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

Tgt Ion: 95 Resp: 160018  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 160.6  
176 71.8 0.0 152.8

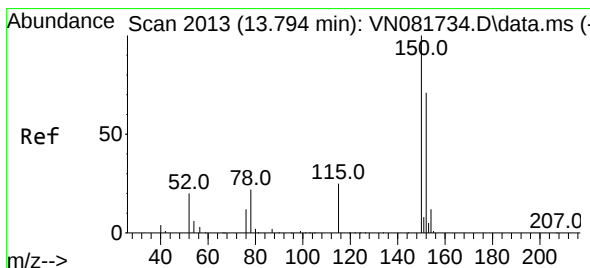
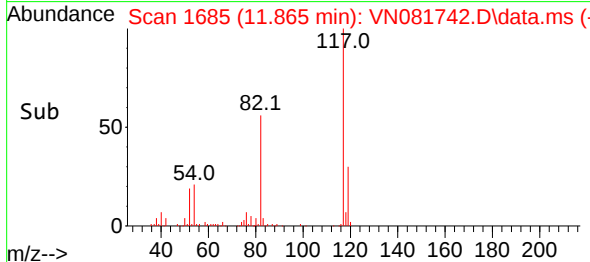
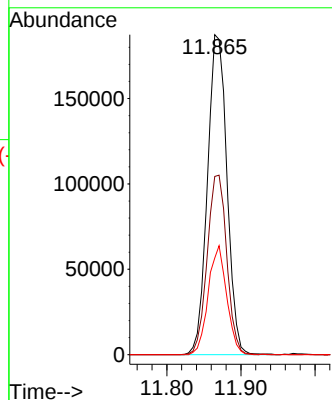
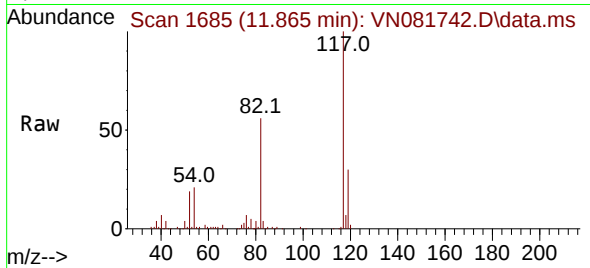




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN081742.D  
Acq: 15 Apr 2024 17:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
286ME

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.7  | 44.6  | 66.8  |
| 119     | 30.2  | 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: VN081742.D  
Acq: 15 Apr 2024 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.3  | 30.4  | 91.3  |
| 150     | 155.4 | 0.0   | 353.2 |

