

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100124\  
 Data File : VN084245.D  
 Acq On : 01 Oct 2024 17:30  
 Operator : JC\MD  
 Sample : P4235-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 A1403

Quant Time: Oct 02 02:05:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

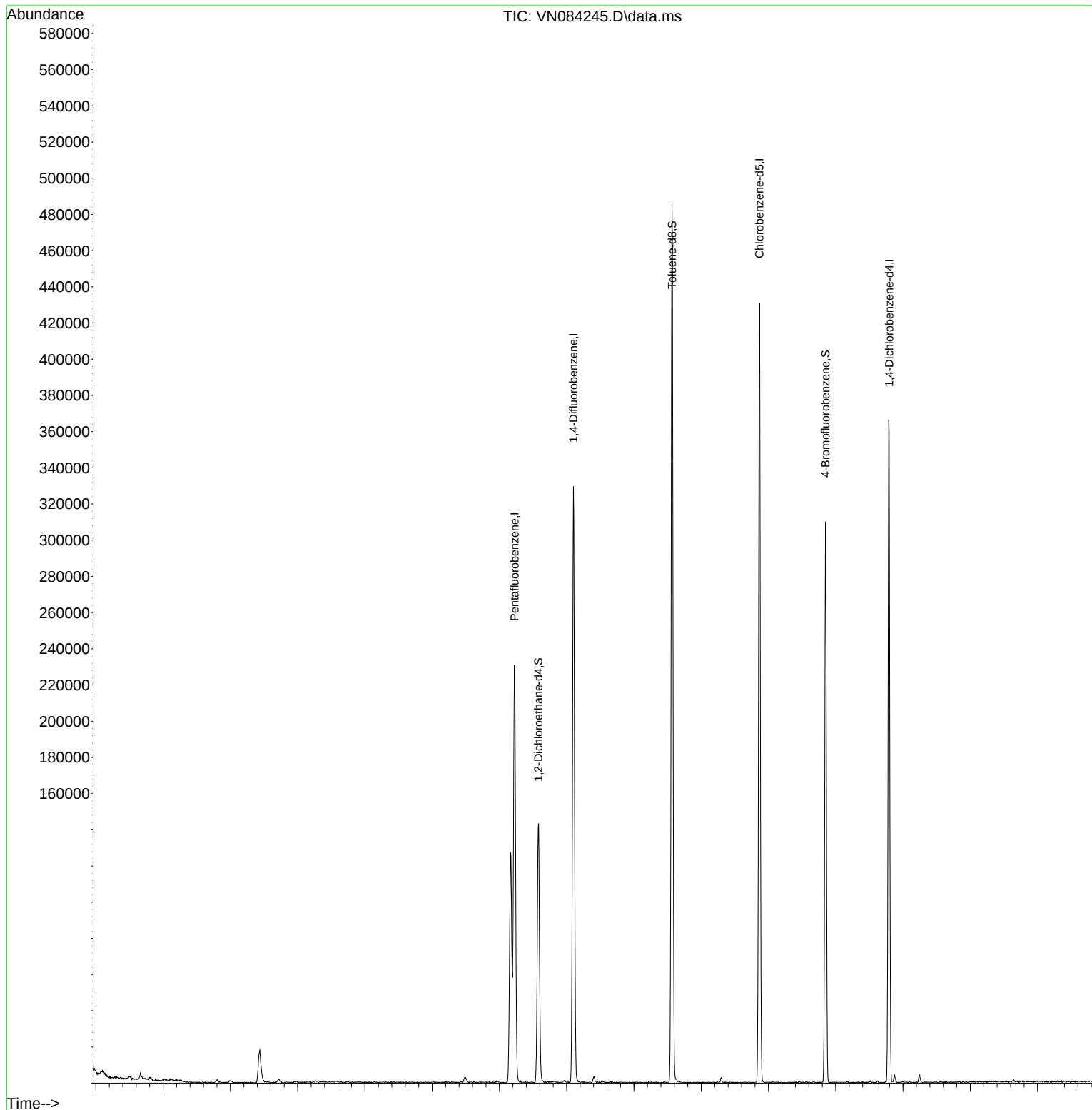
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 163355     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 276748     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 238059     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 98633      | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 119901     | 49.504   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 99.000%  |       |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 93039      | 50.994   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 101.980% |       |          |
| 50) Toluene-d8              | 10.565         | 98   | 332809     | 49.580   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 99.160%  |       |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 108516     | 44.375   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 88.740%  |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       |          |
| 16) Acetone                 | 4.436          | 43   | 34524      | 33.182   | ug/l  | 97       |
| 25) 2-Butanone              | 7.483          | 43   | 4733       | 3.340    | ug/l  | 99       |
| -----                       |                |      |            |          |       |          |

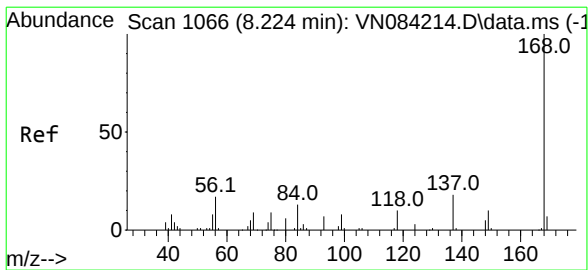
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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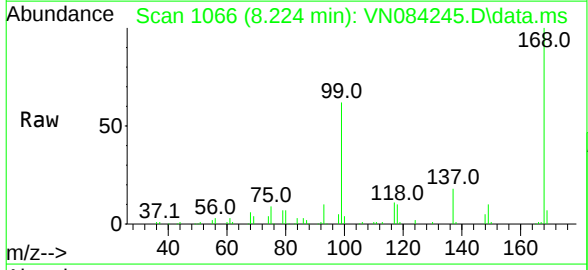
Quant Time: Oct 02 02:05:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration



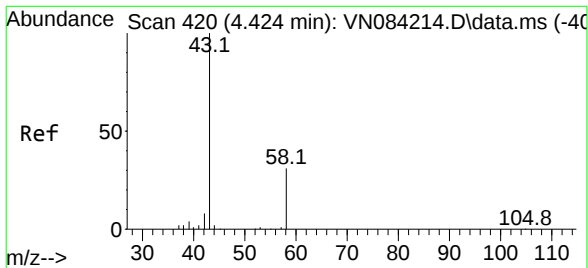
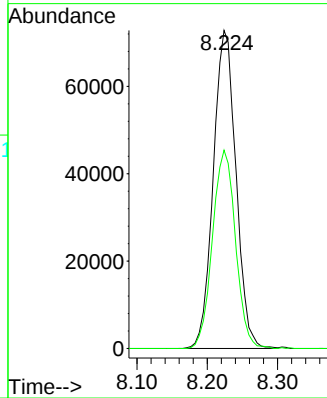
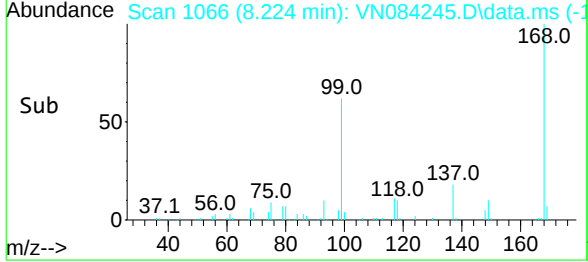


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

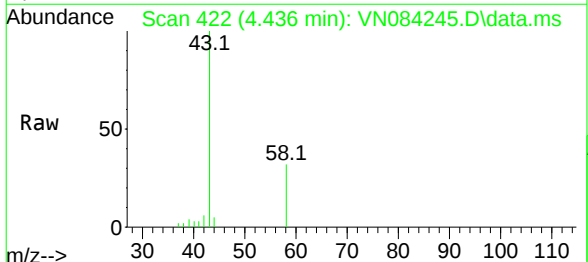
Instrument :  
MSVOA\_N  
ClientSampleId :  
A1403



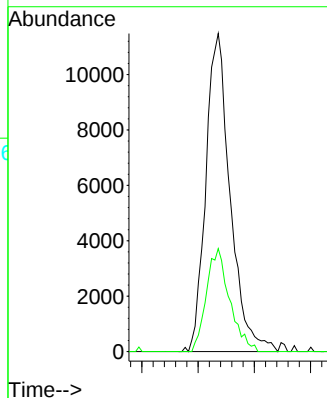
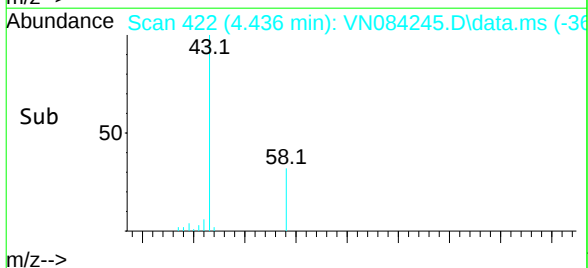
Tgt Ion: 168 Resp: 163355  
Ion Ratio Lower Upper  
168 100  
99 62.3 54.2 81.2

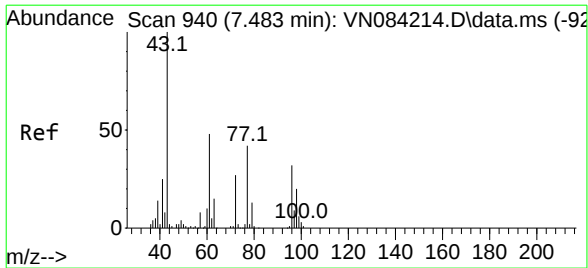


#16  
Acetone  
Concen: 33.182 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30



Tgt Ion: 43 Resp: 34524  
Ion Ratio Lower Upper  
43 100  
58 32.4 24.4 36.6

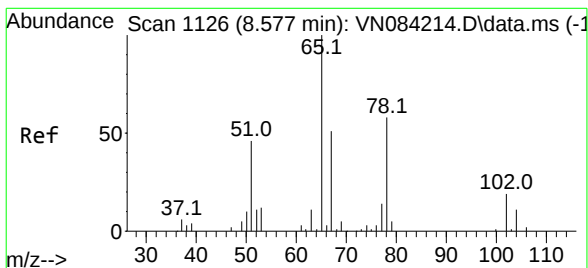
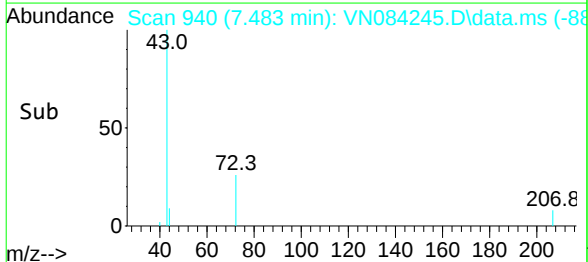
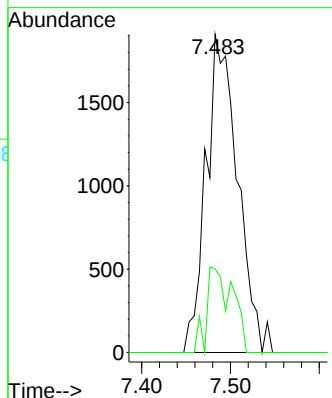
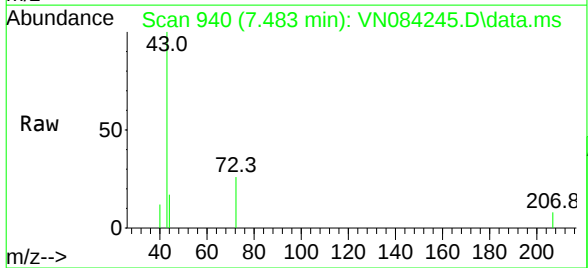




#25  
2-Butanone  
Concen: 3.340 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

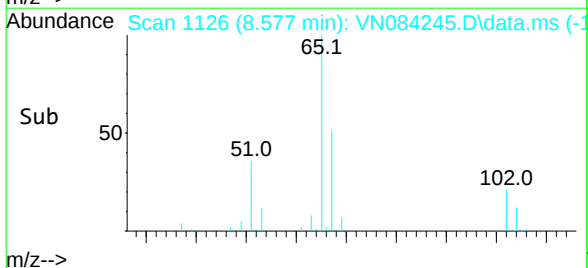
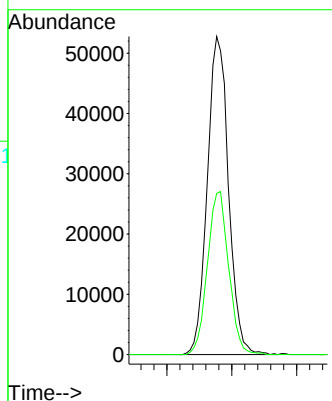
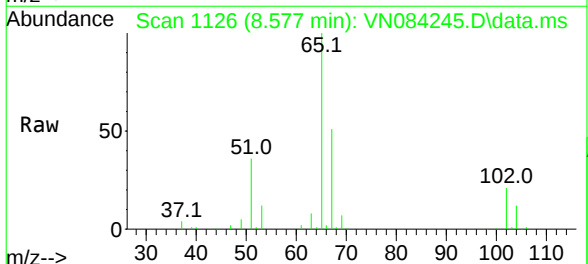
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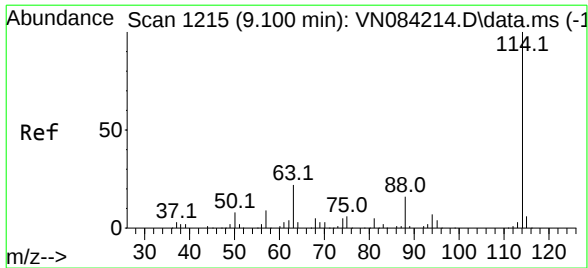
Tgt Ion: 43 Resp: 4733  
Ion Ratio Lower Upper  
43 100  
72 26.3 21.4 32.2



#33  
1,2-Dichloroethane-d4  
Concen: 49.504 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

Tgt Ion: 65 Resp: 119901  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.0

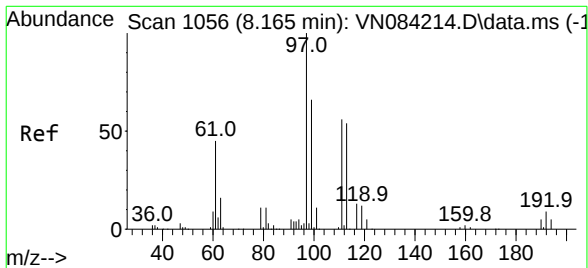
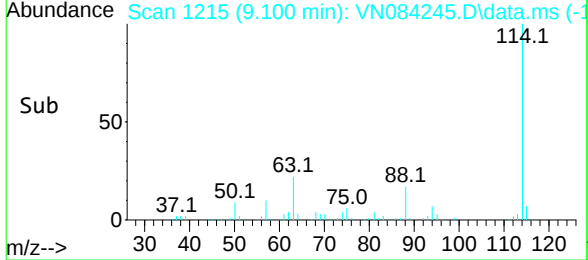
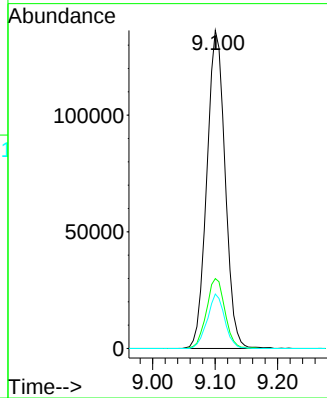
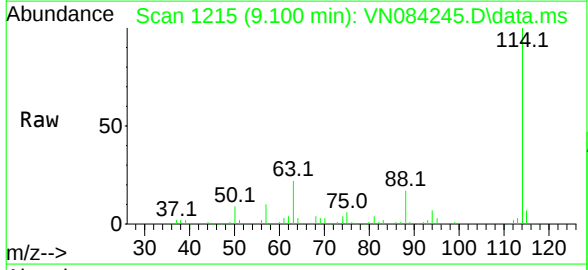




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

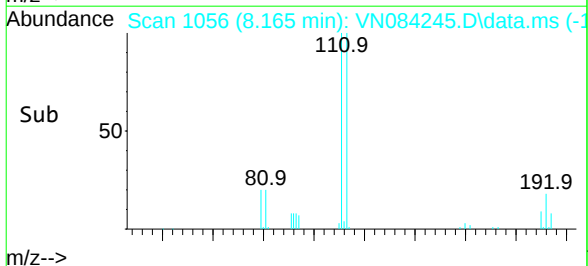
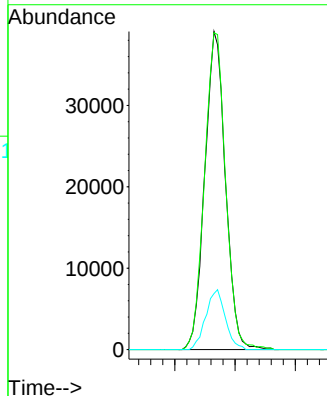
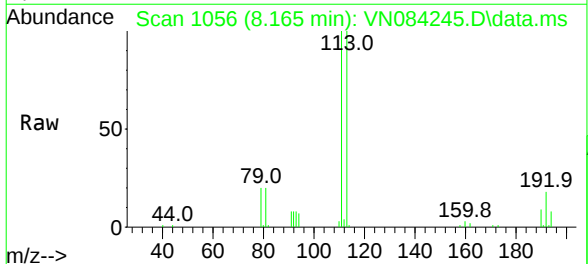
Instrument :  
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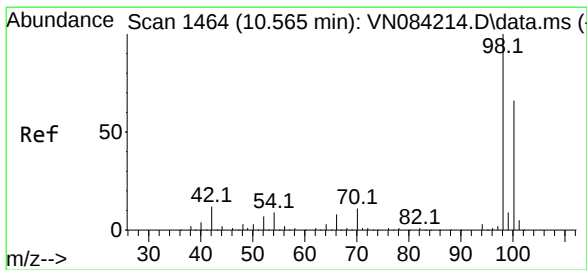
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 276748 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 22.0  | 0.0   | 43.8   |
| 88       | 17.1  | 0.0   | 31.6   |



#35  
Dibromofluoromethane  
Concen: 50.994 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 93039 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.7 | 83.3  | 124.9 |
| 192      | 17.8  | 13.5  | 20.3  |





#50

Toluene-d8

Concen: 49.580 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

Instrument :

MSVOA\_N

ClientSampleId :

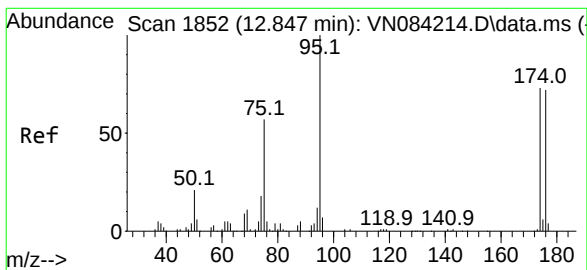
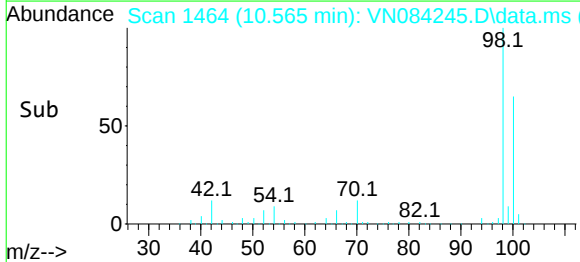
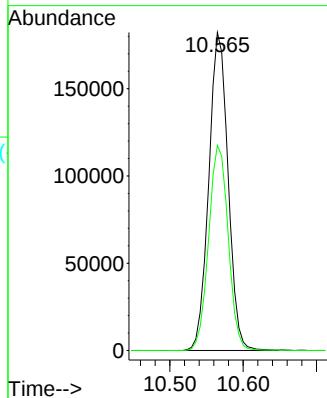
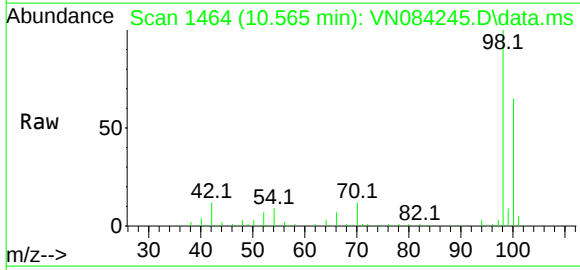
A1403

Tgt Ion: 98 Resp: 332809

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 44.375 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

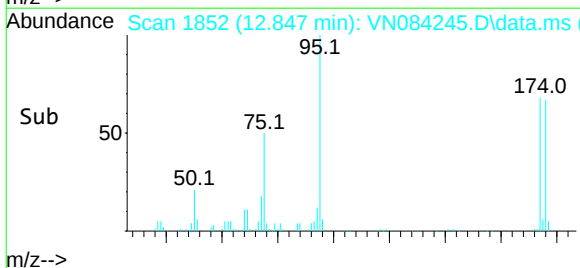
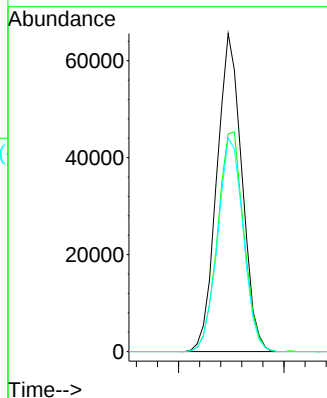
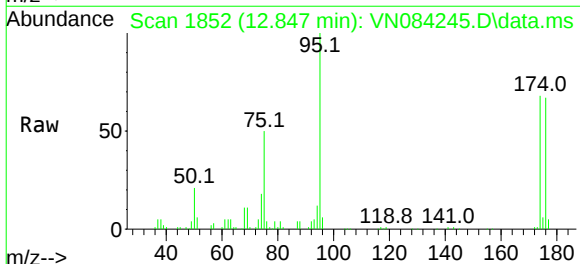
Tgt Ion: 95 Resp: 108516

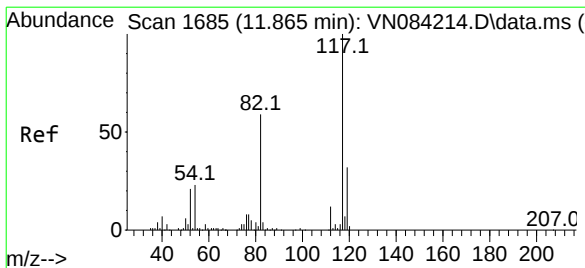
Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.2

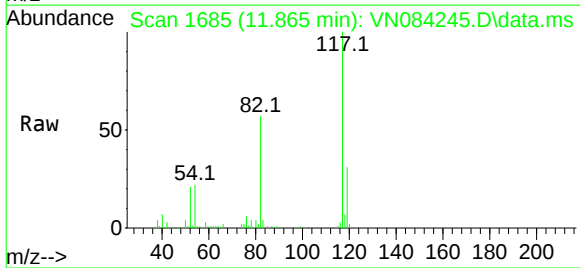
176 68.5 0.0 140.0



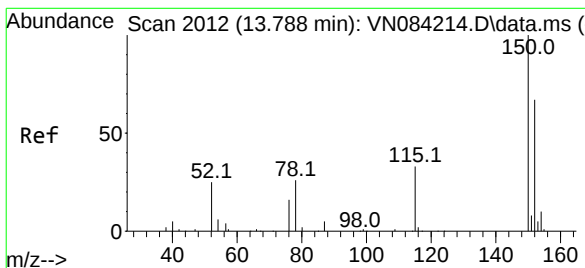
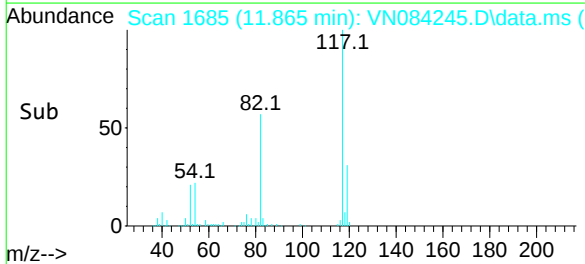
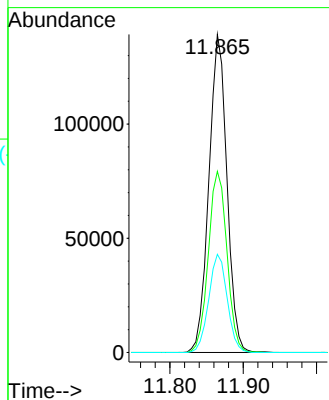


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 238059  
Ion Ratio Lower Upper  
117 100  
82 56.9 47.2 70.8  
119 30.9 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.006 min  
Lab File: VN084245.D  
Acq: 01 Oct 2024 17:30

Tgt Ion:152 Resp: 98633  
Ion Ratio Lower Upper  
152 100  
115 62.1 31.3 93.9  
150 157.1 0.0 349.8

