

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100224\  
 Data File : VN084275.D  
 Acq On : 02 Oct 2024 19:21  
 Operator : JC\MD  
 Sample : P4226-18  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW9-MW-01D3-20240925

Quant Time: Oct 03 02:04:20 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

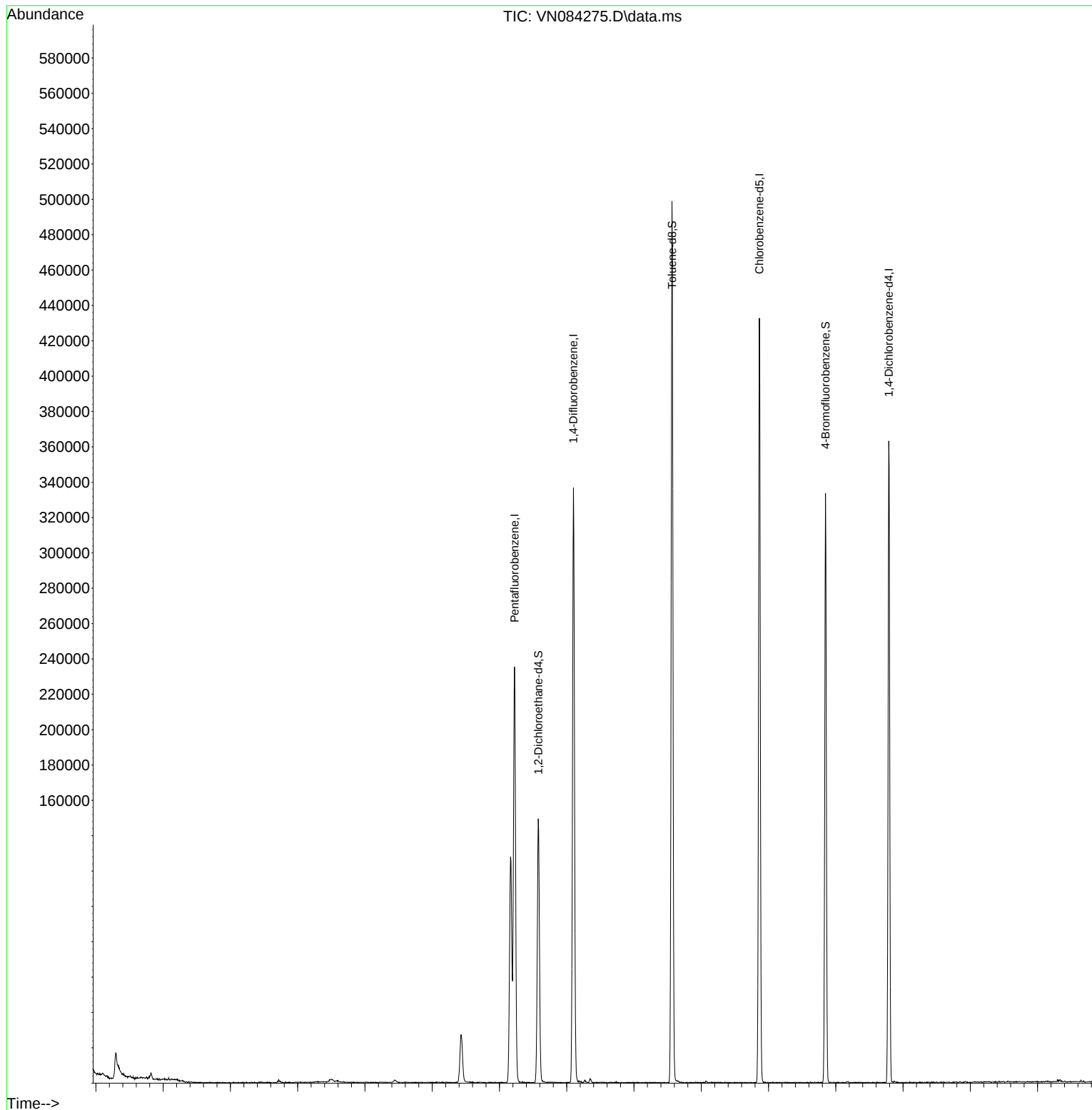
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min)  |
|-----------------------------|----------------|------|---------------------|--------|-------|-----------|
| -----                       |                |      |                     |        |       |           |
| Internal Standards          |                |      |                     |        |       |           |
| 1) Pentafluorobenzene       | 8.224          | 168  | 163990              | 50.000 | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 285056              | 50.000 | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 242690              | 50.000 | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 94647               | 50.000 | ug/l  | 0.00      |
|                             |                |      |                     |        |       |           |
| System Monitoring Compounds |                |      |                     |        |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 121919              | 50.142 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 100.280% |        |       |           |
| 35) Dibromofluoromethane    | 8.165          | 113  | 95072               | 50.590 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 101.180% |        |       |           |
| 50) Toluene-d8              | 10.565         | 98   | 341735              | 49.426 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 98.860%  |        |       |           |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 114276              | 45.368 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 90.740%  |        |       |           |
|                             |                |      |                     |        |       |           |
| Target Compounds            |                |      |                     |        |       |           |
| 44) Trichloroethene         | 9.347          | 130  | 738                 | 0.372  | ug/l  | Qvalue 97 |
| -----                       |                |      |                     |        |       |           |

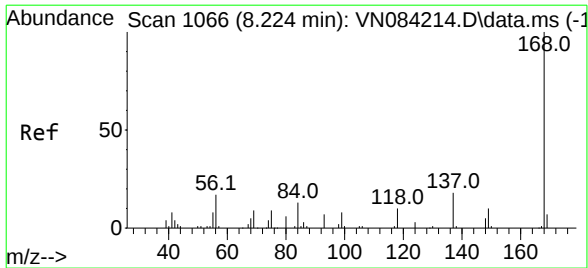
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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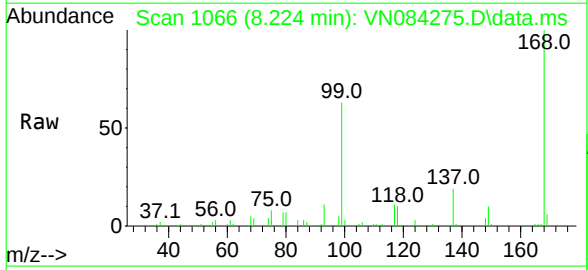
Quant Time: Oct 03 02:04:20 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration



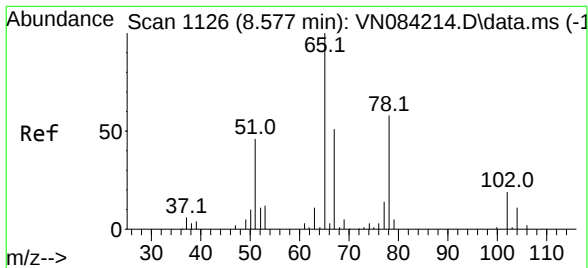
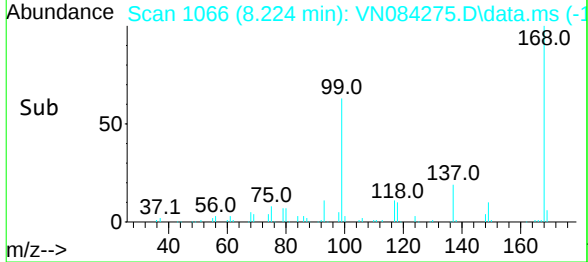
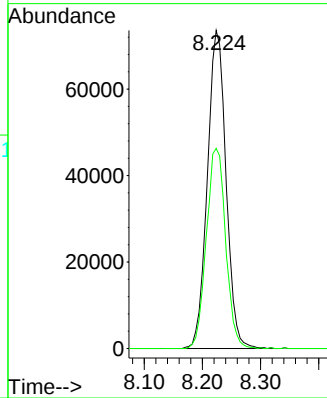


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084275.D  
Acq: 02 Oct 2024 19:21

Instrument : MSVOA\_N  
ClientSampleId : RW9-MW-01D3-20240925

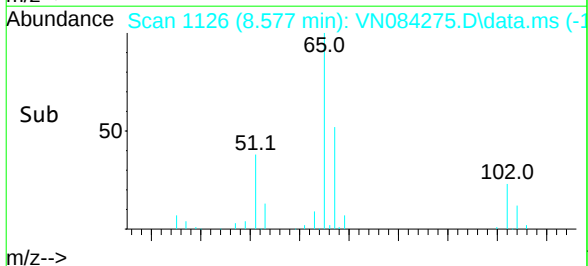
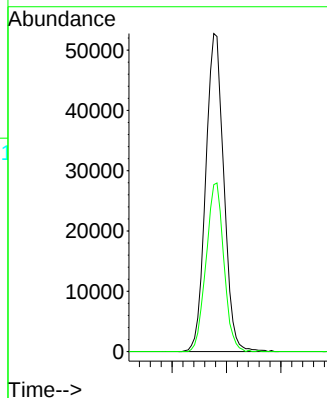
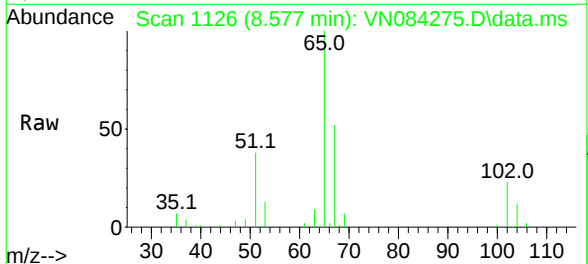


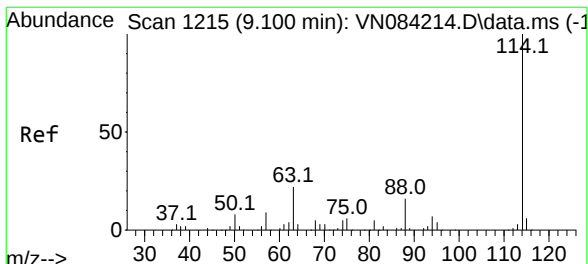
Tgt Ion:168 Resp: 163990  
Ion Ratio Lower Upper  
168 100  
99 62.9 54.2 81.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.142 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN084275.D  
Acq: 02 Oct 2024 19:21

Tgt Ion: 65 Resp: 121919  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 102.0

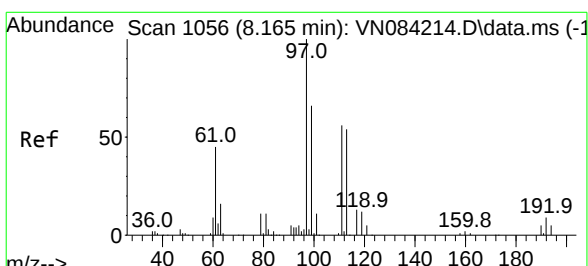
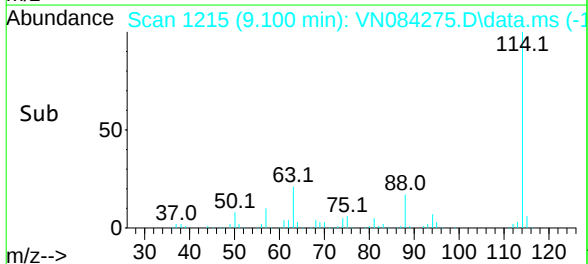
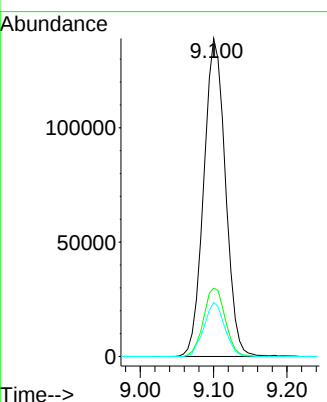
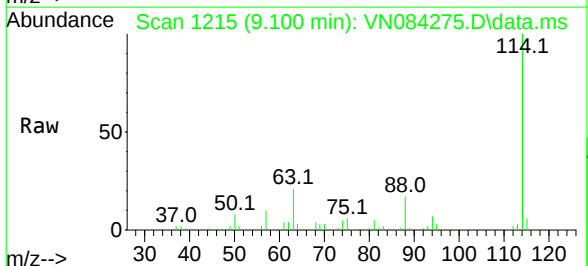




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 12  
 Delta R.T. 0.000 min  
 Lab File: VN084275.D  
 Acq: 02 Oct 2024 19:21

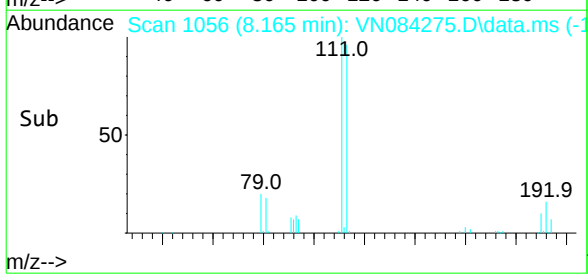
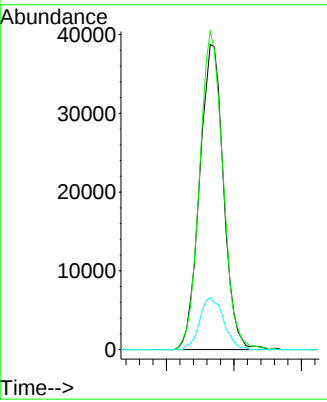
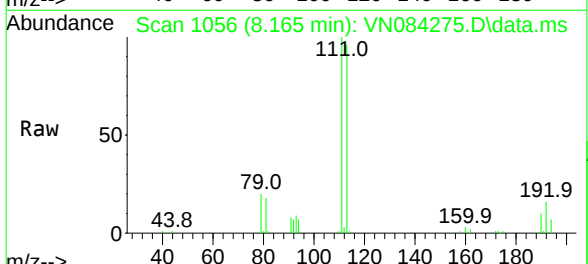
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW9-MW-01D3-20240925

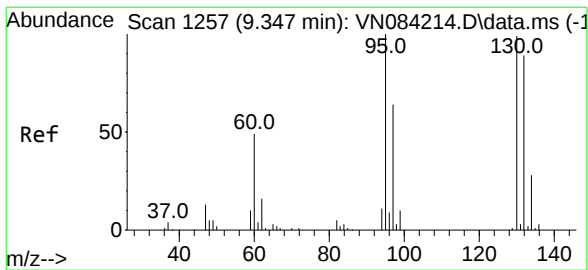
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 285056 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.5  | 0.0   | 43.8   |
| 88        | 17.0  | 0.0   | 31.6   |



#35  
 Dibromofluoromethane  
 Concen: 50.590 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.000 min  
 Lab File: VN084275.D  
 Acq: 02 Oct 2024 19:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 95072 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 102.3 | 83.3  | 124.9 |
| 192       | 17.1  | 13.5  | 20.3  |





#44

Trichloroethene

Concen: 0.372 ug/l

RT: 9.347 min Scan# 12

Delta R.T. 0.000 min

Lab File: VN084275.D

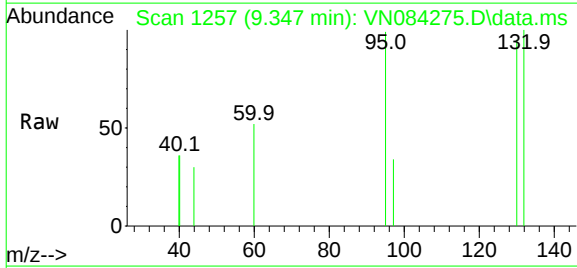
Acq: 02 Oct 2024 19:21

Instrument :

MSVOA\_N

ClientSampleId :

RW9-MW-01D3-20240925

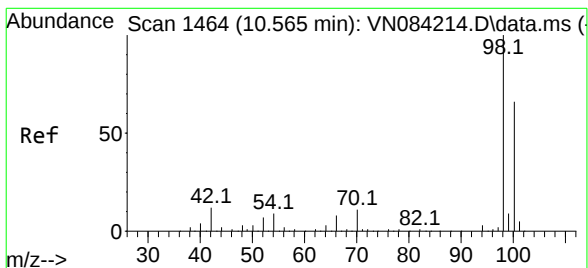
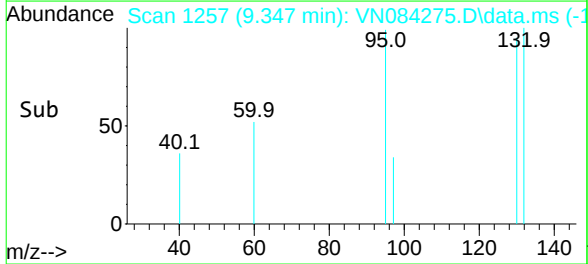
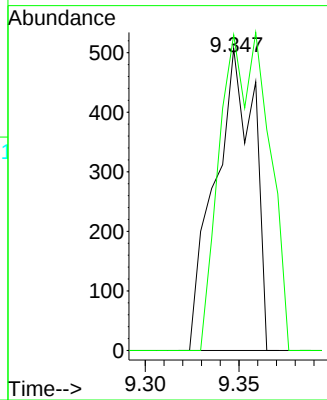


Tgt Ion:130 Resp: 738

Ion Ratio Lower Upper

130 100

95 104.5 0.0 203.0



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084275.D

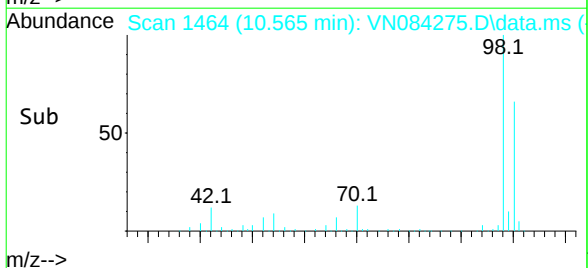
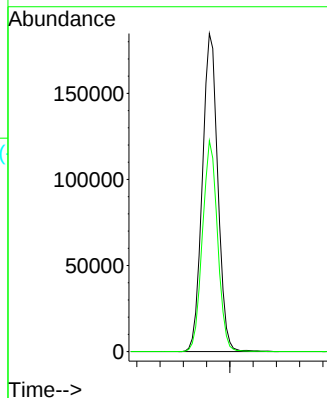
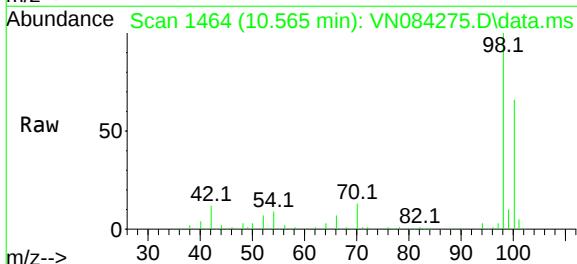
Acq: 02 Oct 2024 19:21

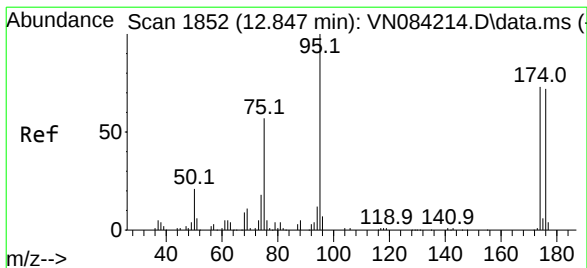
Tgt Ion: 98 Resp: 341735

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 45.368 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084275.D

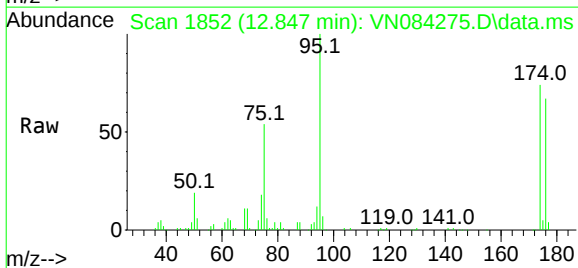
Acq: 02 Oct 2024 19:21

Instrument :

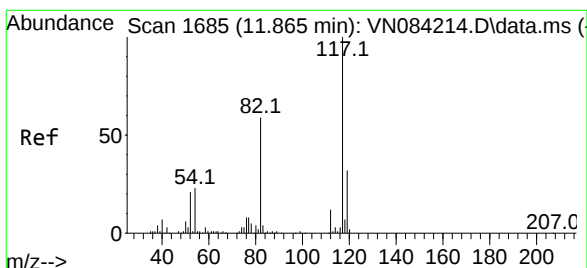
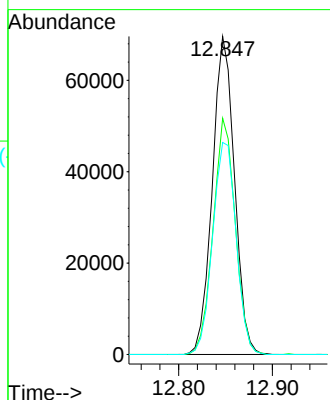
MSVOA\_N

ClientSampleId :

RW9-MW-01D3-20240925



| Tgt Ion:  | 95   | Resp: | 114276 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 174       | 74.2 | 0.0   | 145.2  |
| 176       | 70.6 | 0.0   | 140.0  |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

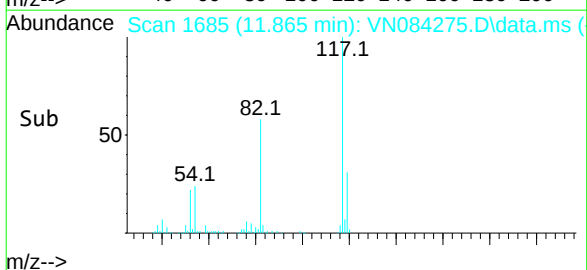
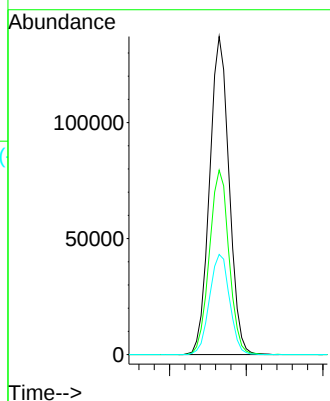
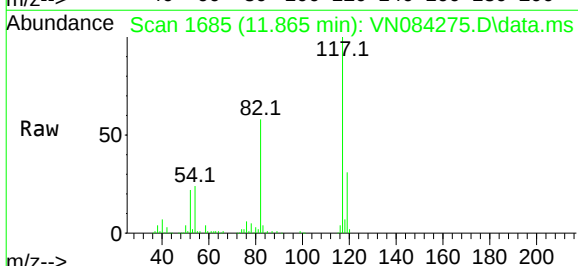
RT: 11.865 min Scan# 1685

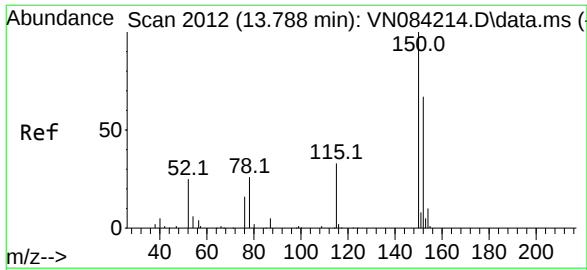
Delta R.T. 0.000 min

Lab File: VN084275.D

Acq: 02 Oct 2024 19:21

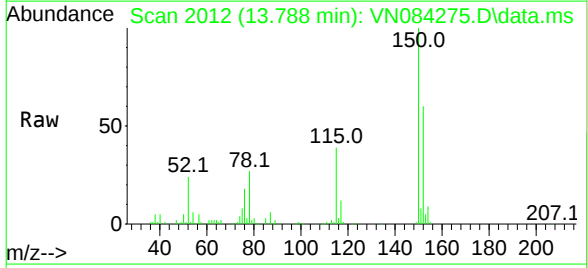
| Tgt Ion:  | 117  | Resp: | 242690 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 58.0 | 47.2  | 70.8   |
| 119       | 31.5 | 25.4  | 38.0   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN084275.D  
Acq: 02 Oct 2024 19:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW9-MW-01D3-20240925



Tgt Ion:152 Resp: 94647  
Ion Ratio Lower Upper  
152 100  
115 64.2 31.3 93.9  
150 162.0 0.0 349.8

