

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100224\  
 Data File : VN084278.D  
 Acq On : 02 Oct 2024 20:33  
 Operator : JC\MD  
 Sample : P4226-26  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT163S1-20240927

Quant Time: Oct 03 02:05:25 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

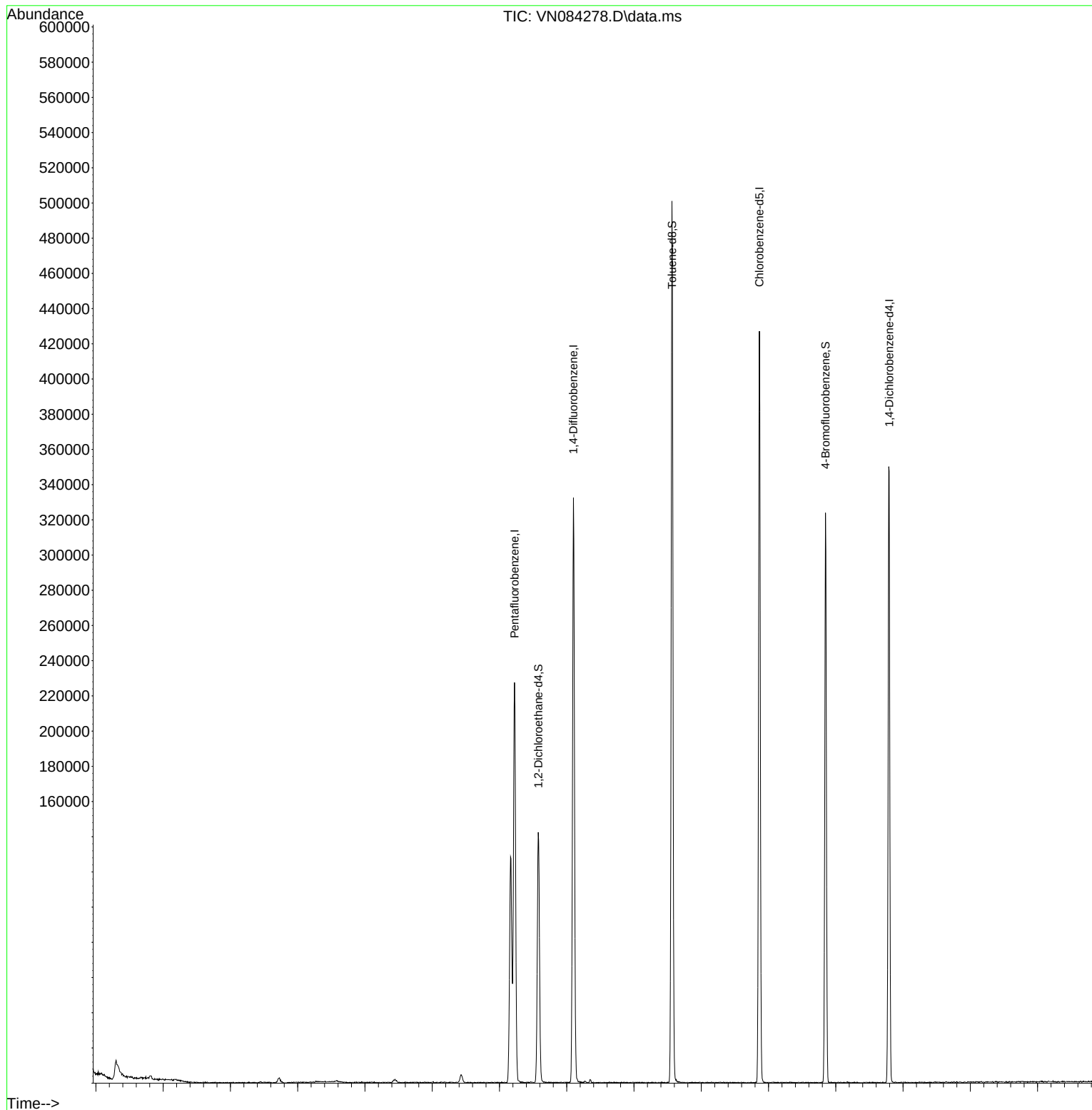
| Compound                    | R.T.   | QIon           | Response | Conc       | Units | Dev(Min)  |
|-----------------------------|--------|----------------|----------|------------|-------|-----------|
| -----                       |        |                |          |            |       |           |
| Internal Standards          |        |                |          |            |       |           |
| 1) Pentafluorobenzene       | 8.224  | 168            | 160795   | 50.000     | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100  | 114            | 278936   | 50.000     | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.865 | 117            | 240307   | 50.000     | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152            | 93005    | 50.000     | ug/l  | 0.00      |
| System Monitoring Compounds |        |                |          |            |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65             | 119784   | 50.243     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | = 100.480% |       |           |
| 35) Dibromofluoromethane    | 8.165  | 113            | 94532    | 51.406     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 102.820% |       |           |
| 50) Toluene-d8              | 10.565 | 98             | 343354   | 50.750     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | = 101.500% |       |           |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 112124   | 45.491     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | = 90.980%  |       |           |
| Target Compounds            |        |                |          |            |       |           |
| 44) Trichloroethene         | 9.347  | 130            | 617      | 0.317      | ug/l  | Qvalue 52 |
| -----                       |        |                |          |            |       |           |

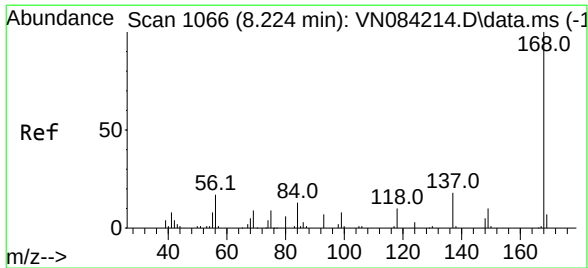
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100224\  
Data File : VN084278.D  
Acq On : 02 Oct 2024 20:33  
Operator : JC\MD  
Sample : P4226-26  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT163S1-20240927

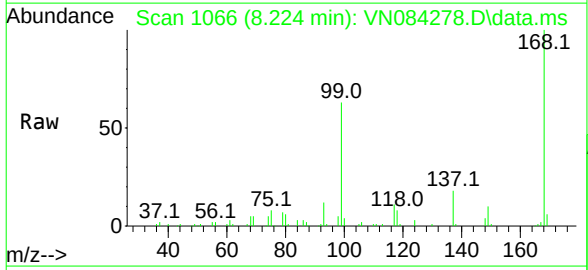
Quant Time: Oct 03 02:05:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration



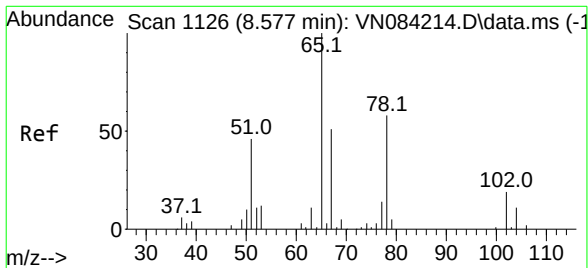
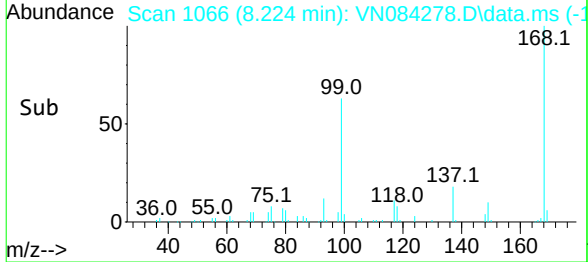
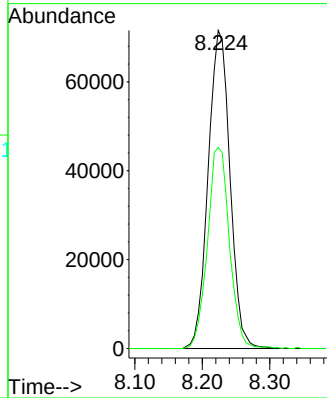


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT163S1-20240927

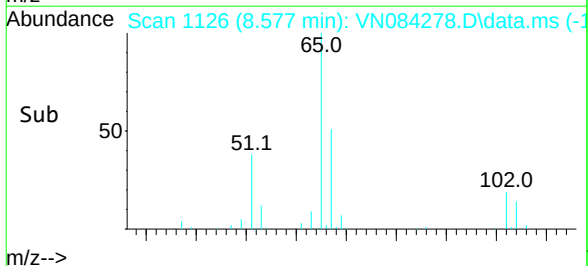
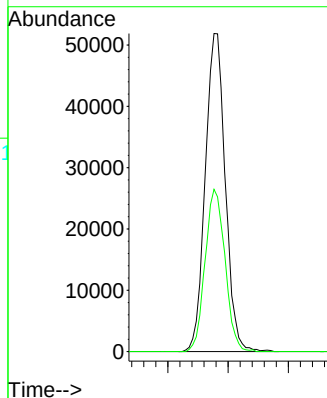
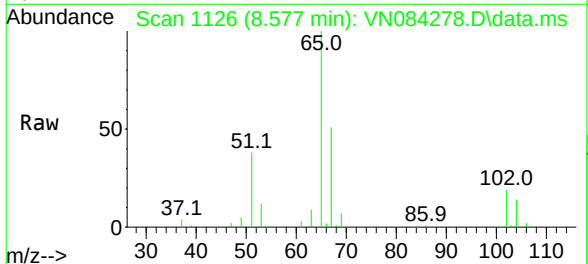


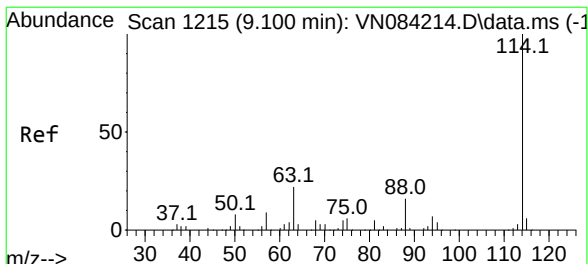
Tgt Ion:168 Resp: 160795  
Ion Ratio Lower Upper  
168 100  
99 63.2 54.2 81.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.243 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33

Tgt Ion: 65 Resp: 119784  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 102.0



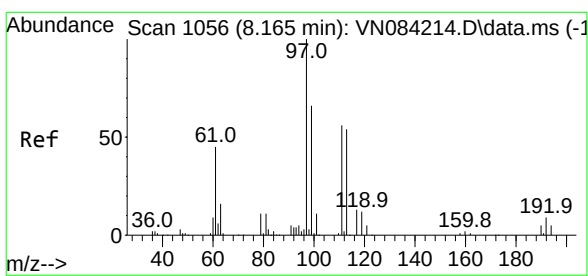
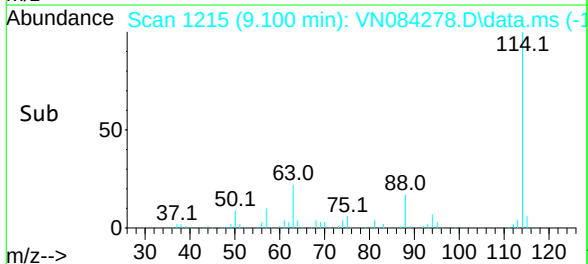
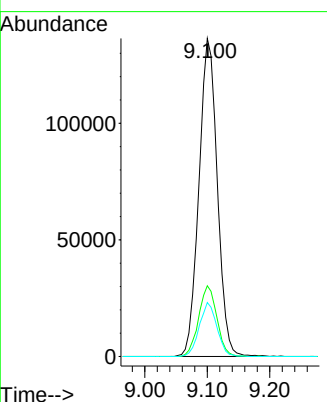
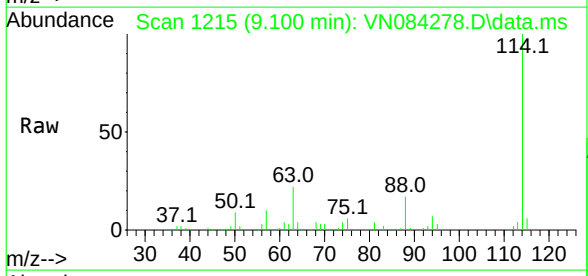


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT163S1-20240927

Tgt Ion:114 Resp: 278936

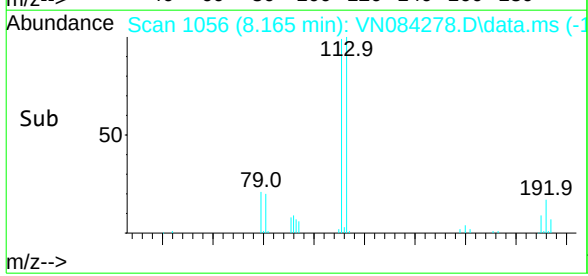
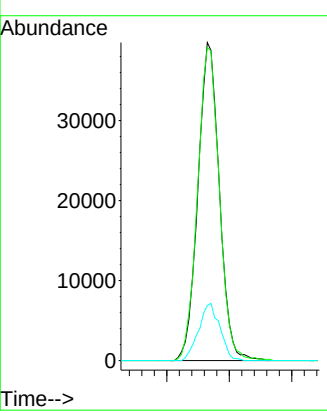
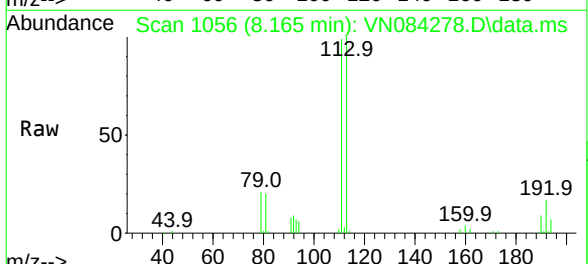
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.2  | 0.0   | 43.8  |
| 88  | 17.0  | 0.0   | 31.6  |

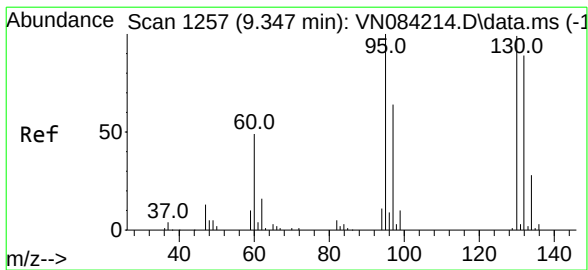


#35  
Dibromofluoromethane  
Concen: 51.406 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33

Tgt Ion:113 Resp: 94532

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 100.3 | 83.3  | 124.9 |
| 192 | 17.9  | 13.5  | 20.3  |





#44

Trichloroethene

Concen: 0.317 ug/l

RT: 9.347 min Scan# 12

Delta R.T. -0.000 min

Lab File: VN084278.D

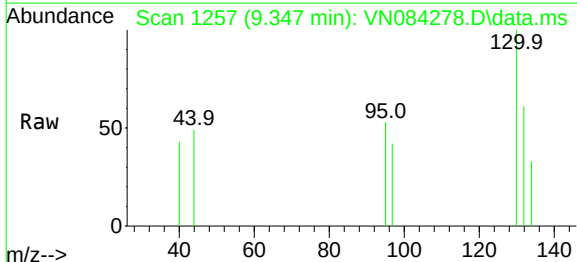
Acq: 02 Oct 2024 20:33

Instrument :

MSVOA\_N

ClientSampleId :

TT163S1-20240927

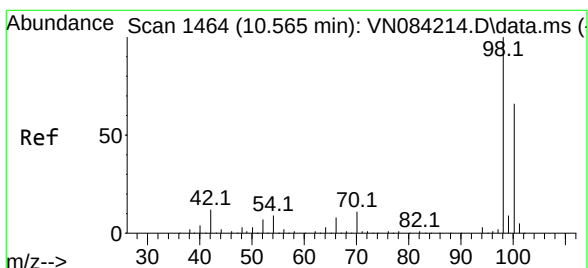
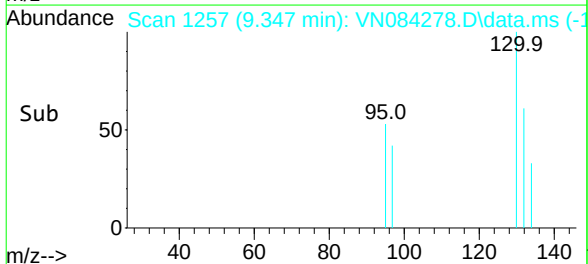
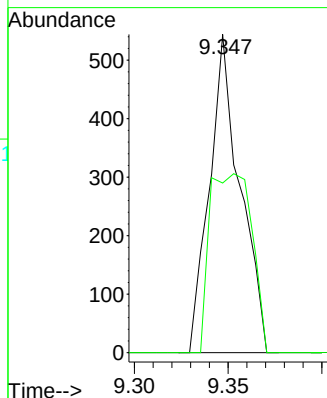


Tgt Ion:130 Resp: 617

Ion Ratio Lower Upper

130 100

95 53.3 0.0 203.0



#50

Toluene-d8

Concen: 50.750 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084278.D

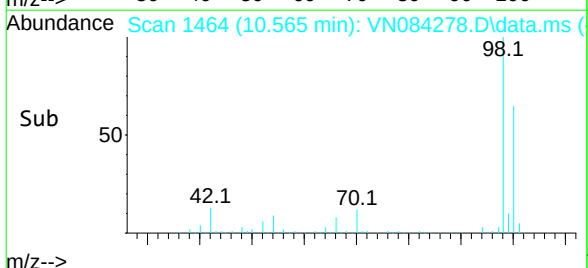
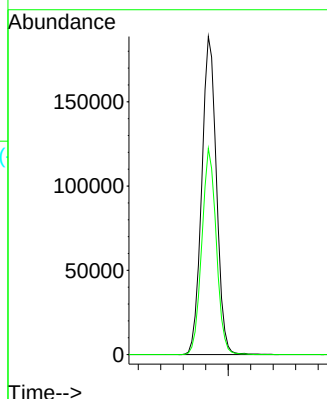
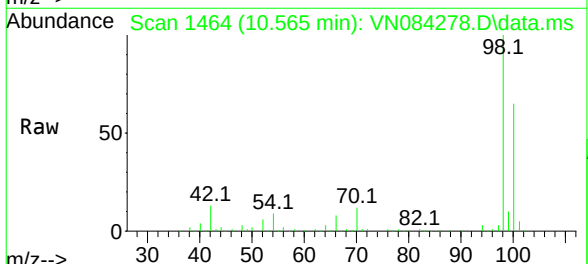
Acq: 02 Oct 2024 20:33

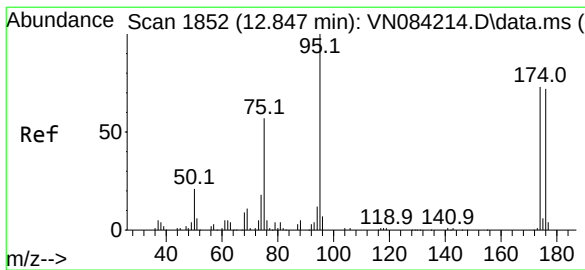
Tgt Ion: 98 Resp: 343354

Ion Ratio Lower Upper

98 100

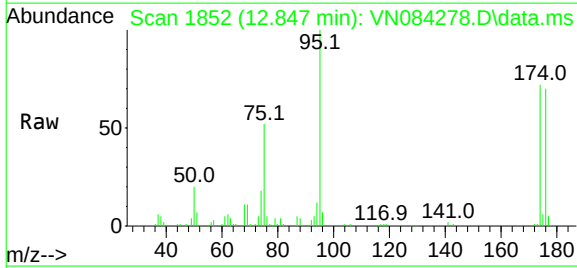
100 63.7 52.7 79.1



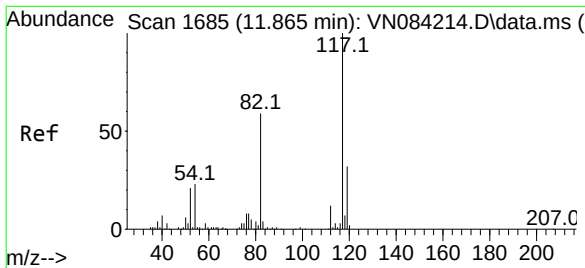
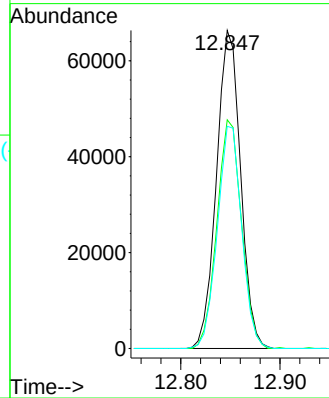
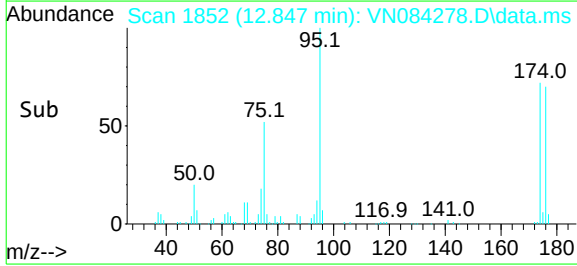


#62  
4-Bromofluorobenzene  
Concen: 45.491 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33

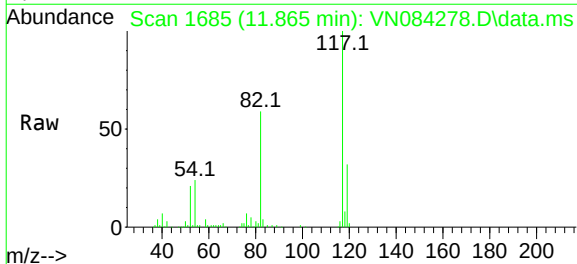
Instrument :  
MSVOA\_N  
ClientSampleId :  
TT163S1-20240927



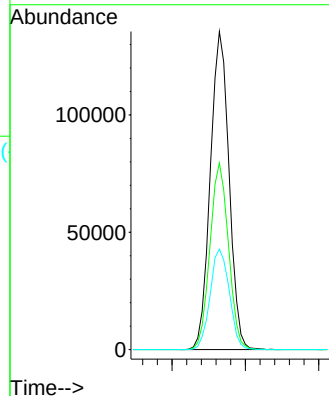
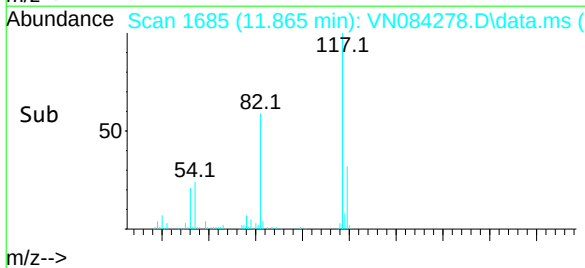
Tgt Ion: 95 Resp: 112124  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 145.2  
176 70.3 0.0 140.0

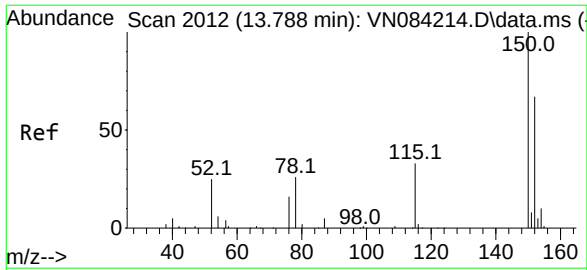


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084278.D  
Acq: 02 Oct 2024 20:33



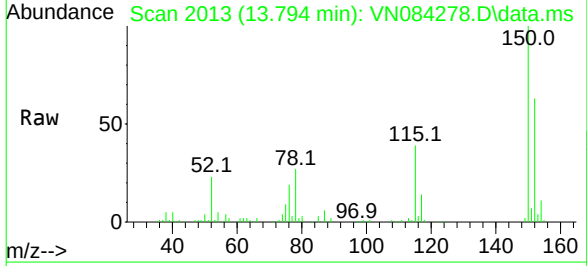
Tgt Ion: 117 Resp: 240307  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.2 70.8  
119 31.6 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN084278.D  
 Acq: 02 Oct 2024 20:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT163S1-20240927



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 93005 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 63.6  | 31.3  | 93.9  |
| 150      | 158.3 | 0.0   | 349.8 |

