

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102524\  
 Data File : VN084517.D  
 Acq On : 25 Oct 2024 15:39  
 Operator : JC\MD  
 Sample : P4549-04 4X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT-069-IDWGW-20241024

Quant Time: Oct 26 05:31:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N100824W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 09 02:22:28 2024  
 Response via : Initial Calibration

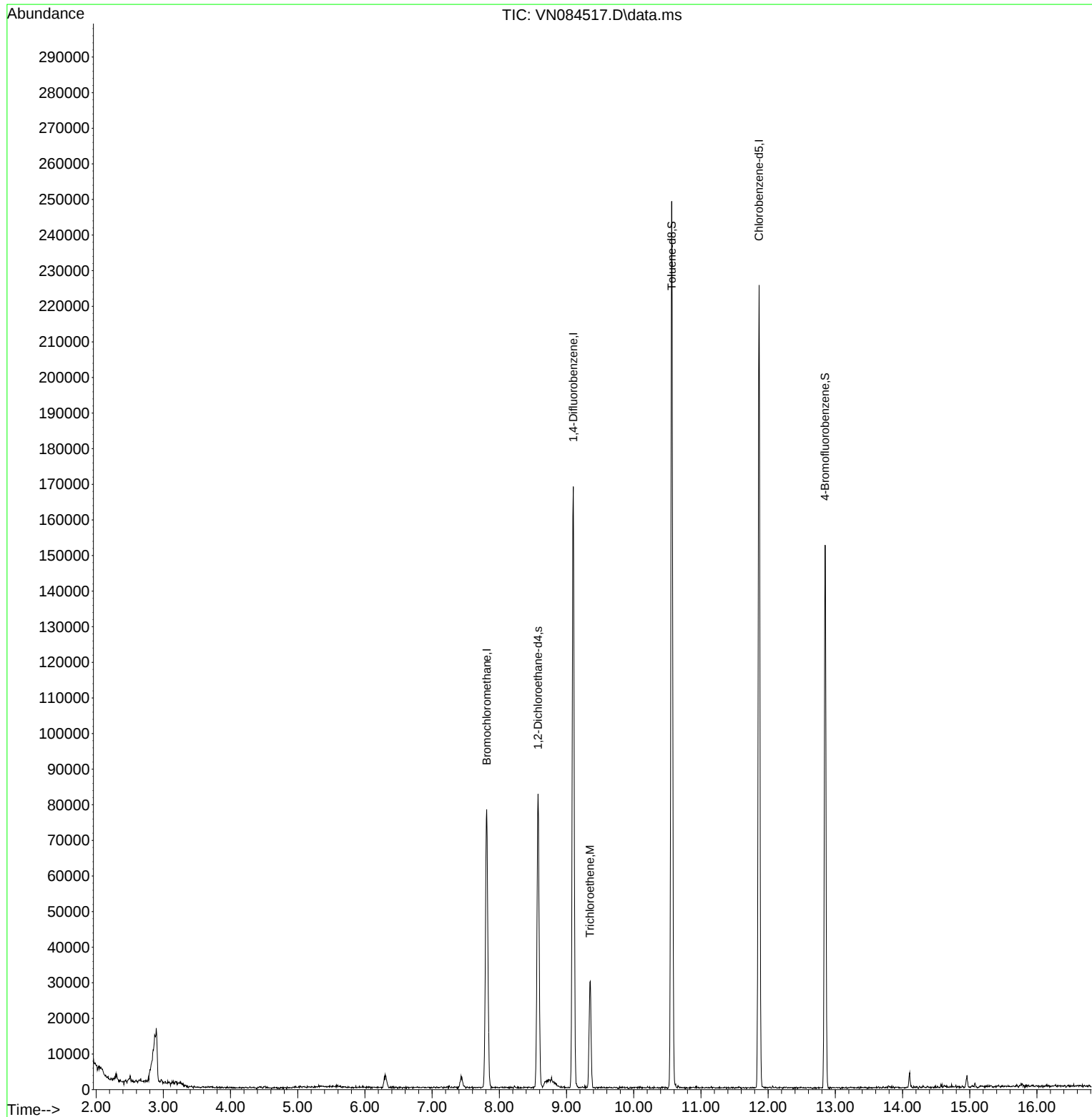
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Bromochloromethane       | 7.812  | 128   | 27891    | 30.000   | ug/l  | 0.00         |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 142505   | 30.000   | ug/l  | 0.00         |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 128076   | 30.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 27) 1,2-Dichloroethane-d4   | 8.577  | 65    | 68128    | 30.340   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 101.133%     |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 54597    | 25.829   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 86.100%      |
| 63) Toluene-d8              | 10.565 | 98    | 172511   | 29.075   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 96.900%      |
| Target Compounds            |        |       |          |          |       |              |
| 37) Trichloroethene         | 9.347  | 130   | 11025    | 6.538    | ug/l  | Qvalue<br>83 |
| -----                       |        |       |          |          |       |              |

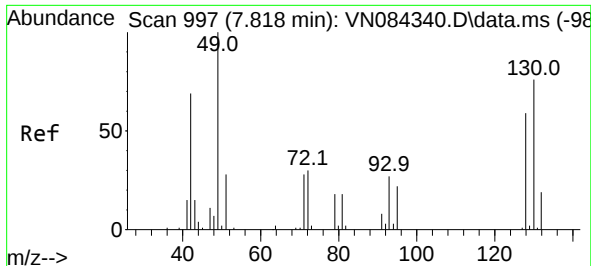
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102524\  
Data File : VN084517.D  
Acq On : 25 Oct 2024 15:39  
Operator : JC\MD  
Sample : P4549-04 4X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-069-IDWGW-20241024

Quant Time: Oct 26 05:31:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N100824W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Oct 09 02:22:28 2024  
Response via : Initial Calibration

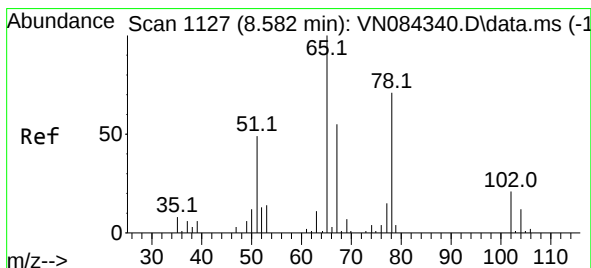
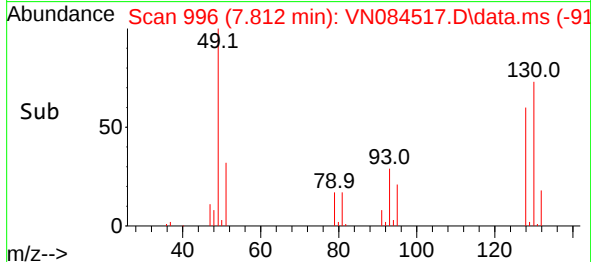
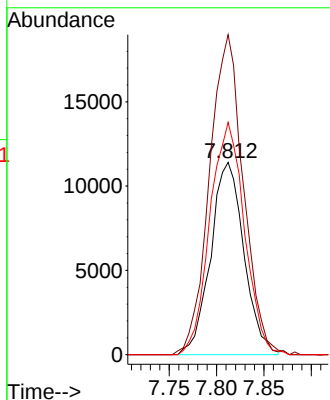
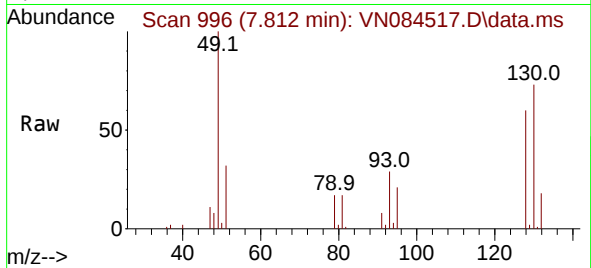




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084517.D  
Acq: 25 Oct 2024 15:39

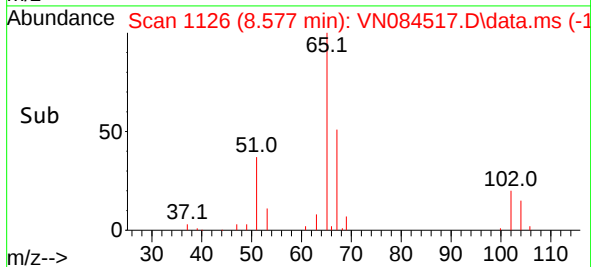
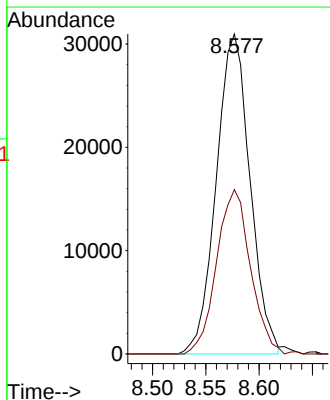
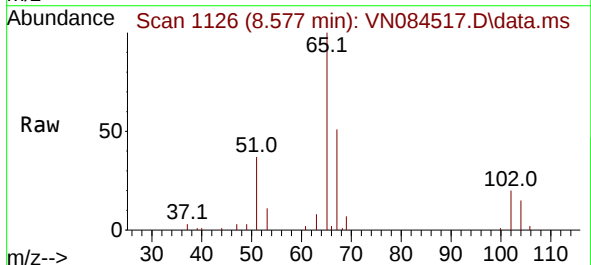
Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-069-IDWGW-20241024

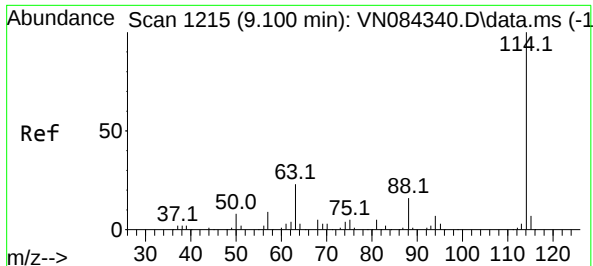
Tgt Ion:128 Resp: 27891  
Ion Ratio Lower Upper  
128 100  
49 169.3 0.0 430.0  
130 125.5 0.0 329.8



#27  
1,2-Dichloroethane-d4  
Concen: 30.340 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN084517.D  
Acq: 25 Oct 2024 15:39

Tgt Ion: 65 Resp: 68128  
Ion Ratio Lower Upper  
65 100  
67 51.5 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084517.D

Acq: 25 Oct 2024 15:39

Instrument :

MSVOA\_N

ClientSampleId :

TT-069-IDWGW-20241024

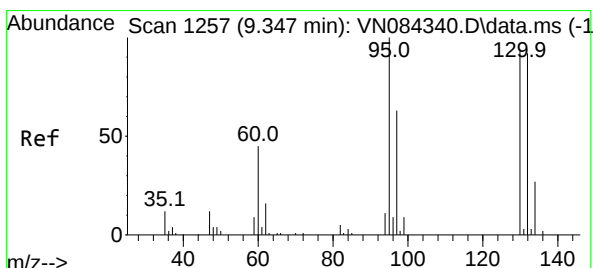
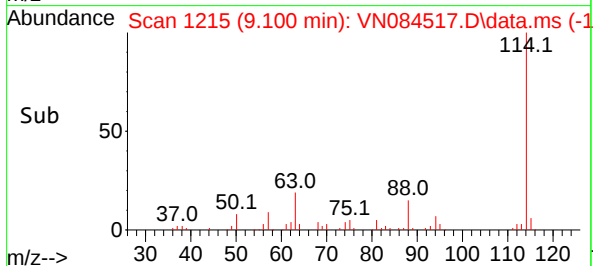
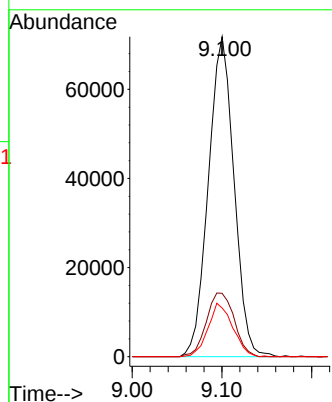
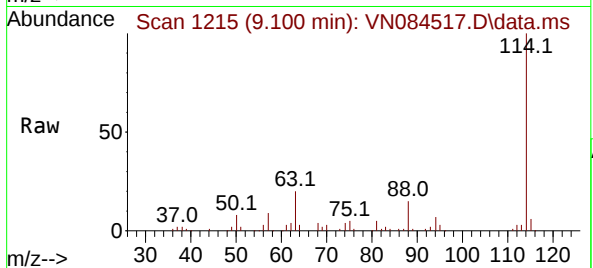
Tgt Ion:114 Resp: 142505

Ion Ratio Lower Upper

114 100

63 21.6 17.4 26.0

88 16.1 13.2 19.8



#37

Trichloroethene

Concen: 6.538 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084517.D

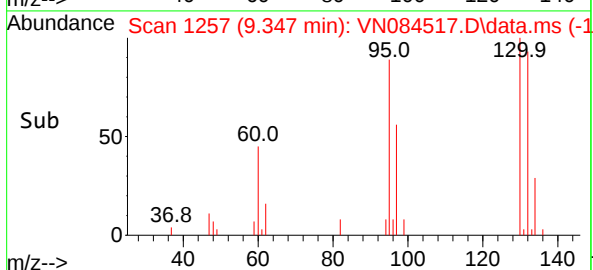
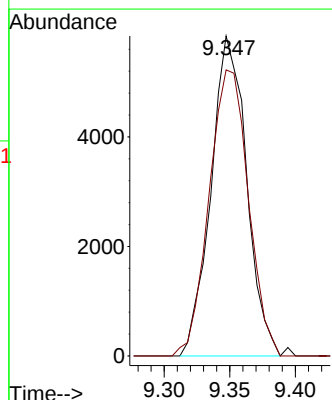
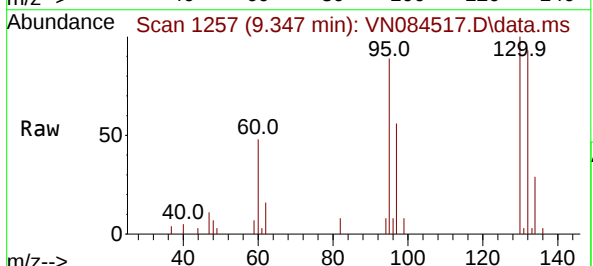
Acq: 25 Oct 2024 15:39

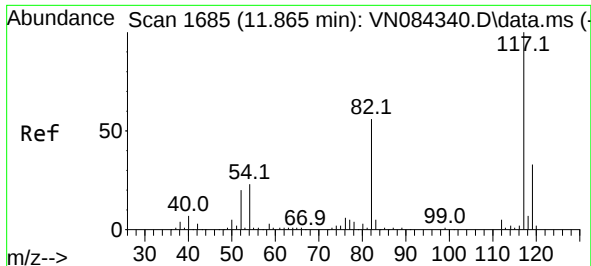
Tgt Ion:130 Resp: 11025

Ion Ratio Lower Upper

130 100

95 89.4 85.8 128.6

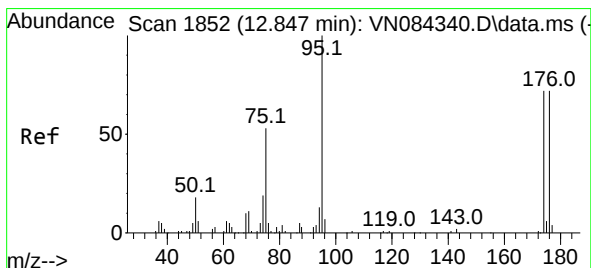
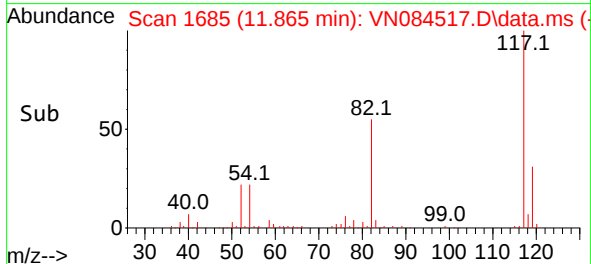
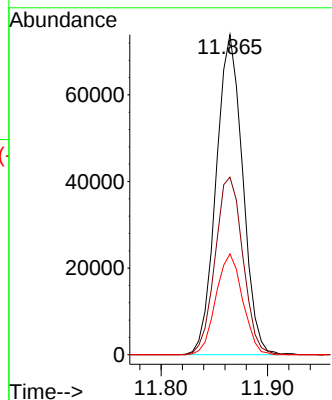
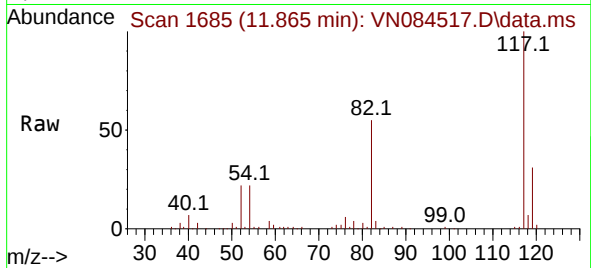




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN084517.D  
Acq: 25 Oct 2024 15:39

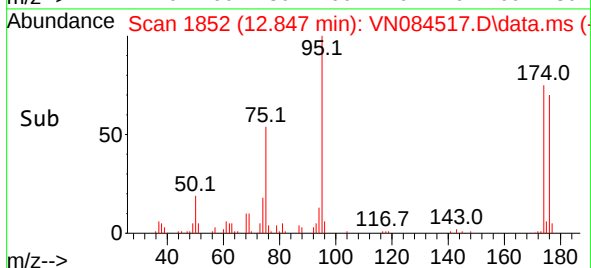
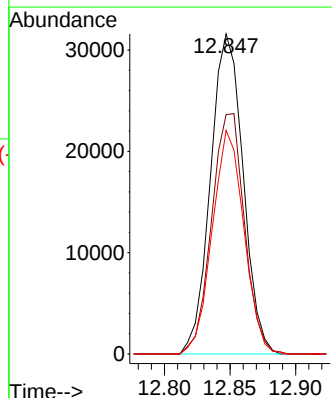
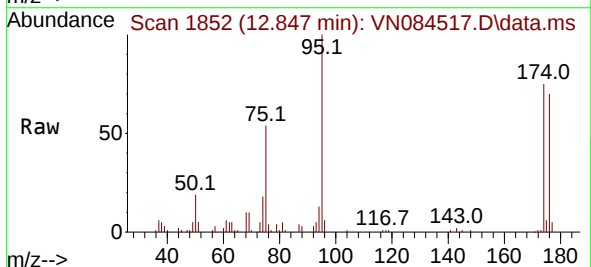
Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-069-IDWGW-20241024

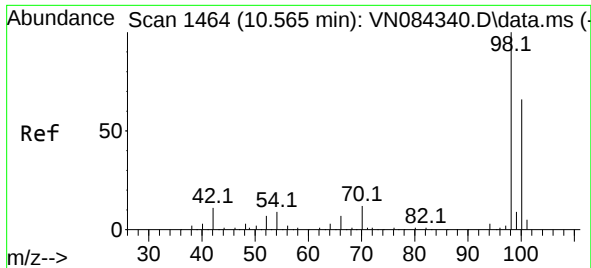
Tgt Ion:117 Resp: 128076  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.2 69.4  
119 31.7 25.4 38.2



#60  
4-Bromofluorobenzene  
Concen: 25.829 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084517.D  
Acq: 25 Oct 2024 15:39

Tgt Ion: 95 Resp: 54597  
Ion Ratio Lower Upper  
95 100  
174 75.7 58.2 87.2  
176 68.0 56.4 84.6





#63  
Toluene-d8  
Concen: 29.075 ug/l  
RT: 10.565 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN084517.D  
Acq: 25 Oct 2024 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-069-IDWGW-20241024

Tgt Ion: 98 Resp: 172511  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.5 78.7

