

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041125\  
 Data File : VN086252.D  
 Acq On : 11 Apr 2025 16:15  
 Operator : JC\MD  
 Sample : Q1774-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT-073-IDWGW-20250409

Quant Time: Apr 12 01:50:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041125W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 12 01:21:52 2025  
 Response via : Initial Calibration

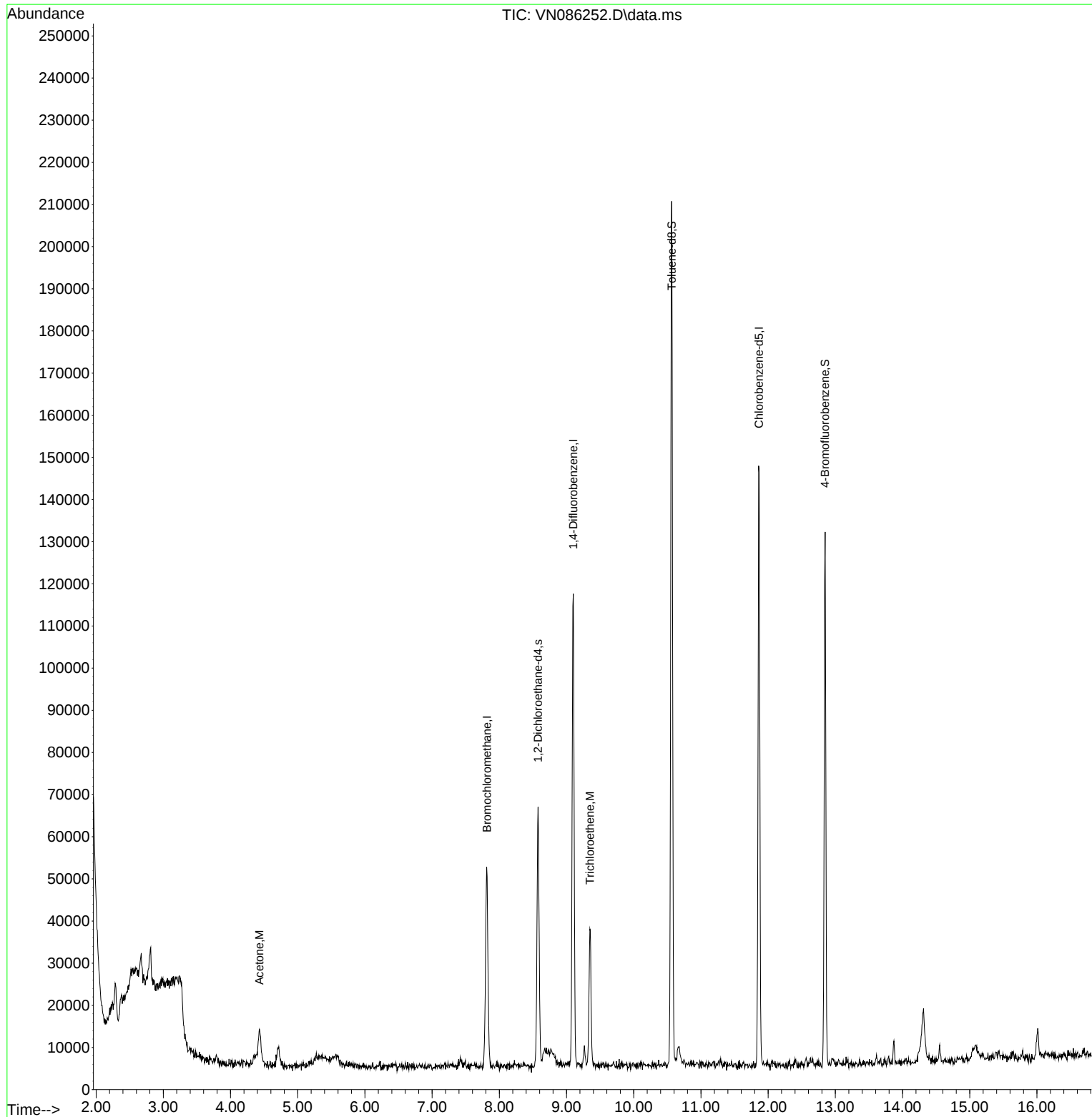
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 7.818  | 128   | 16665    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 98006    | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 84075    | 30.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 8.577  | 65    | 49324    | 30.345   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 101.133% |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 48470    | 28.956   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 96.533%  |
| 63) Toluene-d8              | 10.565 | 98    | 142745   | 30.074   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 100.233% |
| Target Compounds            |        |       |          |          |       |          |
| 15) Acetone                 | 4.430  | 58    | 5740     | 29.925   | ug/l  | 82       |
| 37) Trichloroethene         | 9.347  | 130   | 11784    | 8.744    | ug/l  | 100      |
| -----                       |        |       |          |          |       |          |

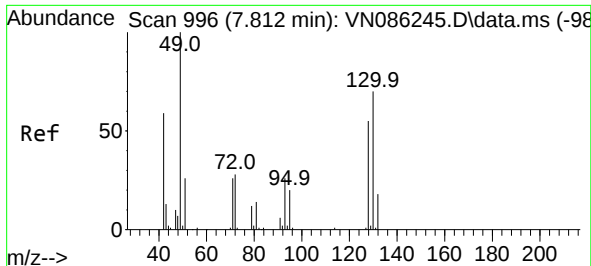
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 12 01:21:52 2025  
Response via : Initial Calibration

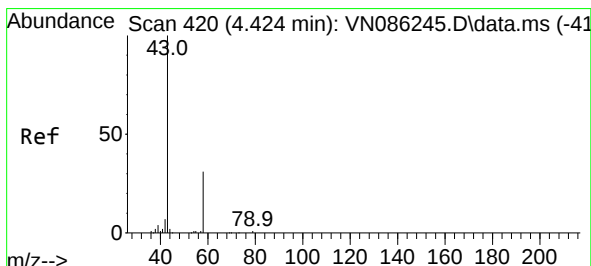
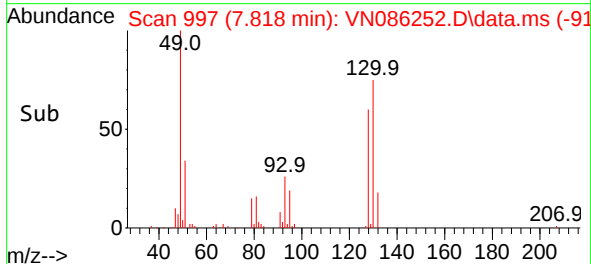
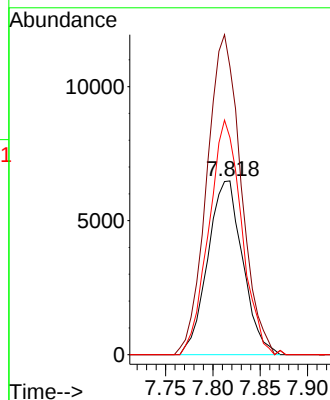
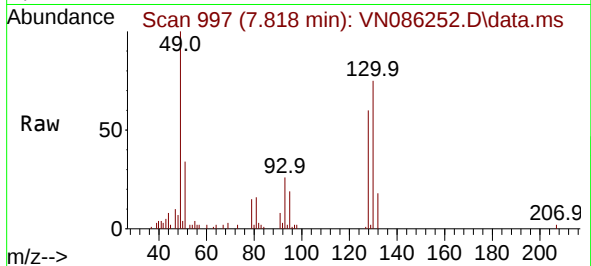




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.818 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

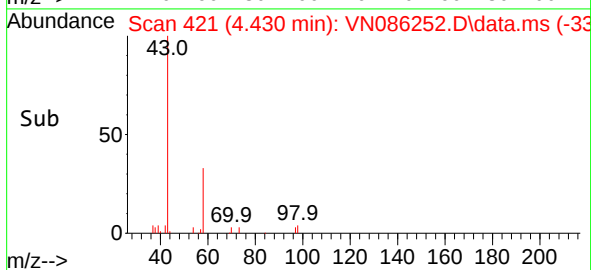
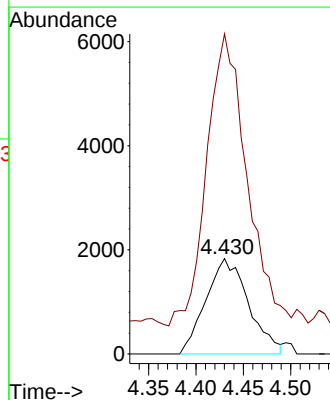
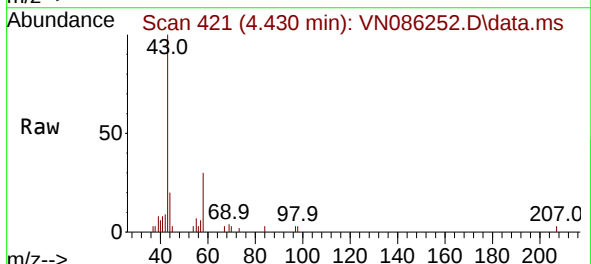
Instrument :  
MSVOA\_N  
ClientSampleId :  
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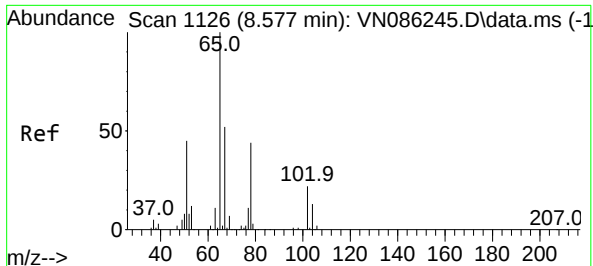
Tgt Ion:128 Resp: 16665  
Ion Ratio Lower Upper  
128 100  
49 179.9 0.0 452.5  
130 126.8 0.0 315.0



#15  
Acetone  
Concen: 29.925 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

Tgt Ion: 58 Resp: 5740  
Ion Ratio Lower Upper  
58 100  
43 289.9 261.8 392.8





#27

1,2-Dichloroethane-d4

Concen: 30.345 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086252.D

Acq: 11 Apr 2025 16:15

Instrument :

MSVOA\_N

ClientSampleId :

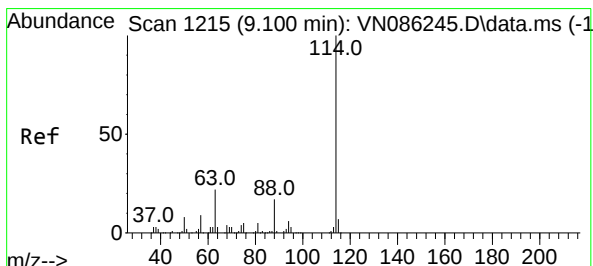
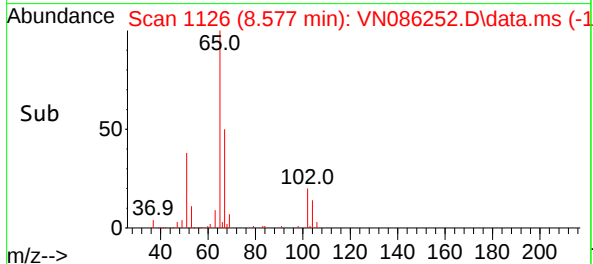
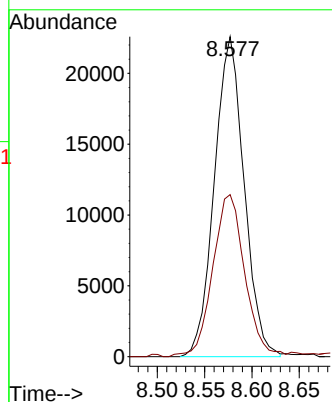
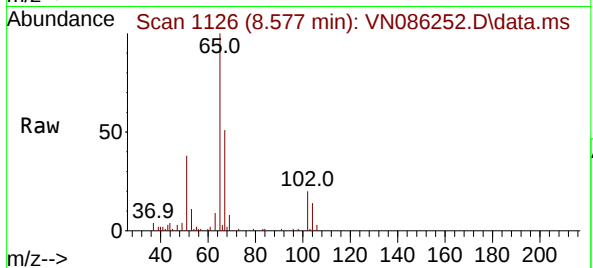
TT-073-IDWGW-20250409

Tgt Ion: 65 Resp: 49324

Ion Ratio Lower Upper

65 100

67 53.9 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086252.D

Acq: 11 Apr 2025 16:15

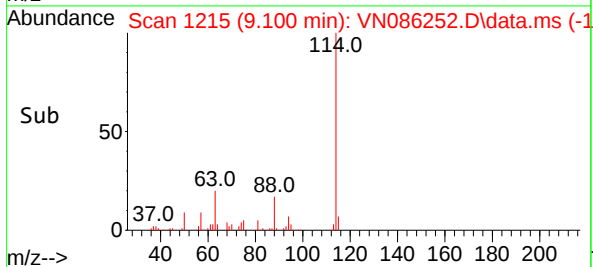
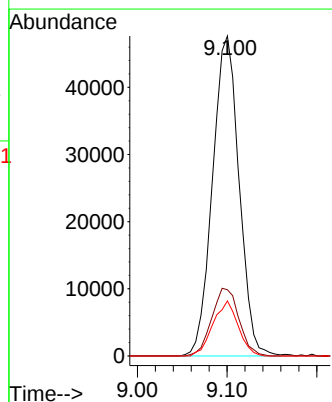
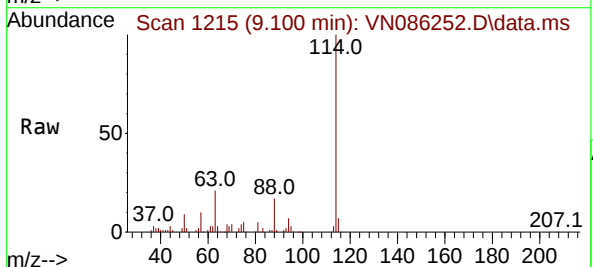
Tgt Ion: 114 Resp: 98006

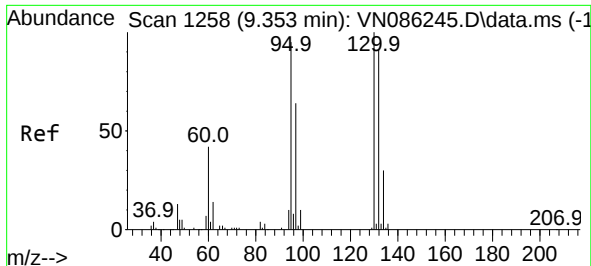
Ion Ratio Lower Upper

114 100

63 21.7 17.8 26.6

88 16.3 13.4 20.2

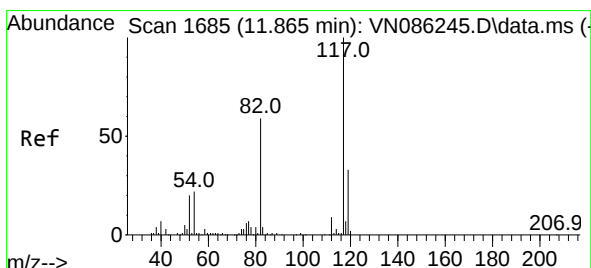
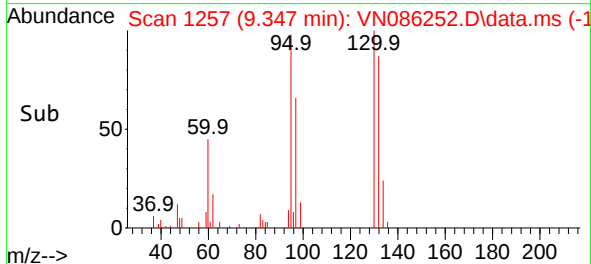
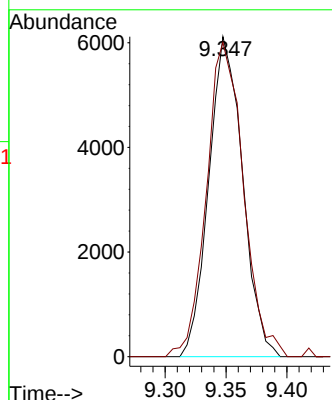
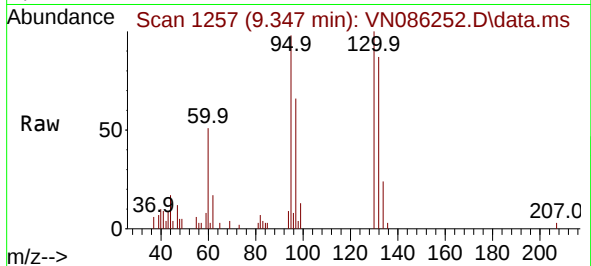




#37  
Trichloroethene  
Concen: 8.744 ug/l  
RT: 9.347 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

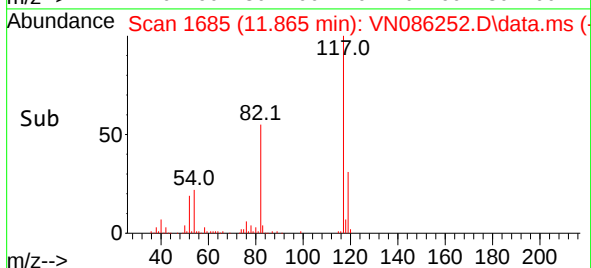
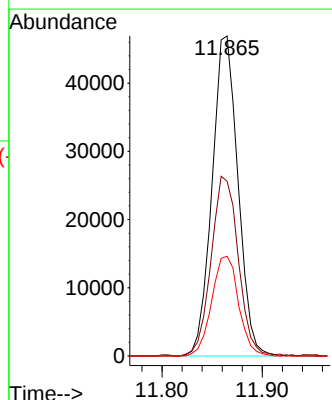
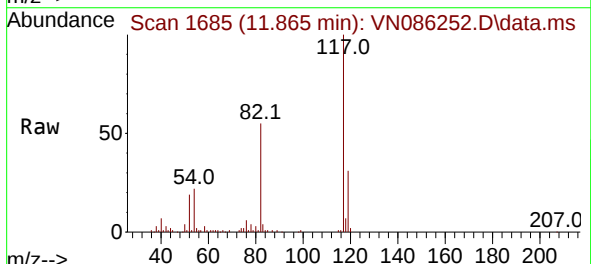
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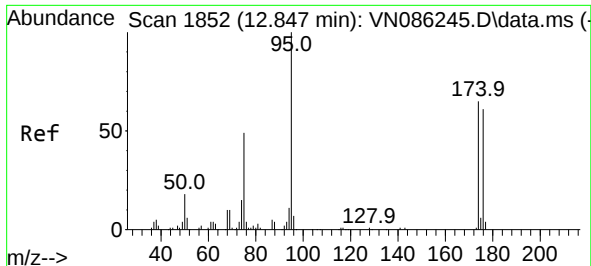
Tgt Ion:130 Resp: 11784  
Ion Ratio Lower Upper  
130 100  
95 95.4 76.4 114.6



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

Tgt Ion:117 Resp: 84075  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.3 70.9  
119 32.3 25.9 38.9

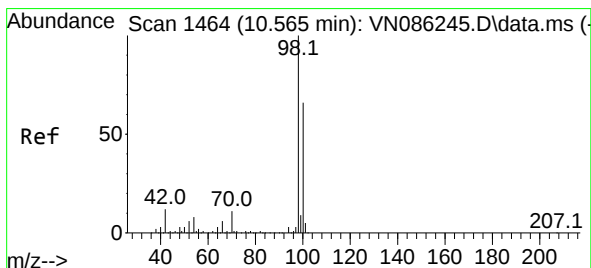
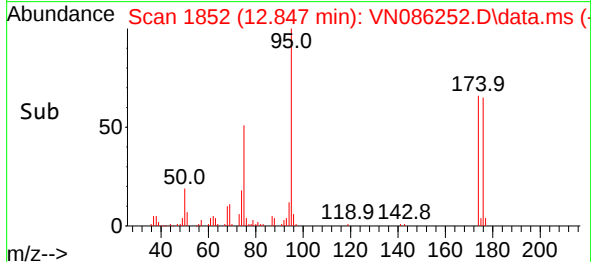
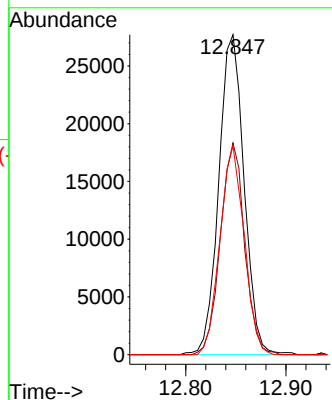
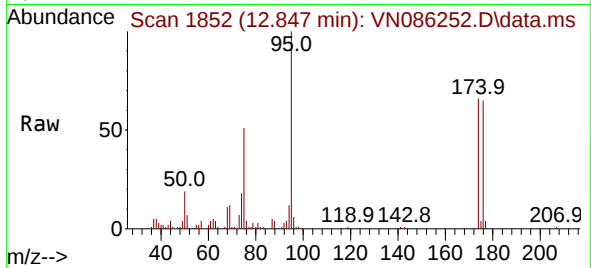




#60  
4-Bromofluorobenzene  
Concen: 28.956 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-073-IDWGW-20250409

Tgt Ion: 95 Resp: 48470  
Ion Ratio Lower Upper  
95 100  
174 63.3 52.7 79.1  
176 62.7 49.8 74.8



#63  
Toluene-d8  
Concen: 30.074 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN086252.D  
Acq: 11 Apr 2025 16:15

Tgt Ion: 98 Resp: 142745  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.3 78.5

