

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090525\  
 Data File : VN087742.D  
 Acq On : 05 Sep 2025 15:03  
 Operator : JC\MD  
 Sample : Q3029-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 06 01:07:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.212  | 168  | 152703   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.083  | 114  | 352000   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 328536   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 152855   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 161621   | 51.657   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 103.320% |
| 35) Dibromofluoromethane    | 8.153  | 113   | 130125   | 51.201   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.400% |
| 50) Toluene-d8              | 10.547 | 98    | 458172   | 48.167   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.340%  |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 151400   | 44.756   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 89.520%  |

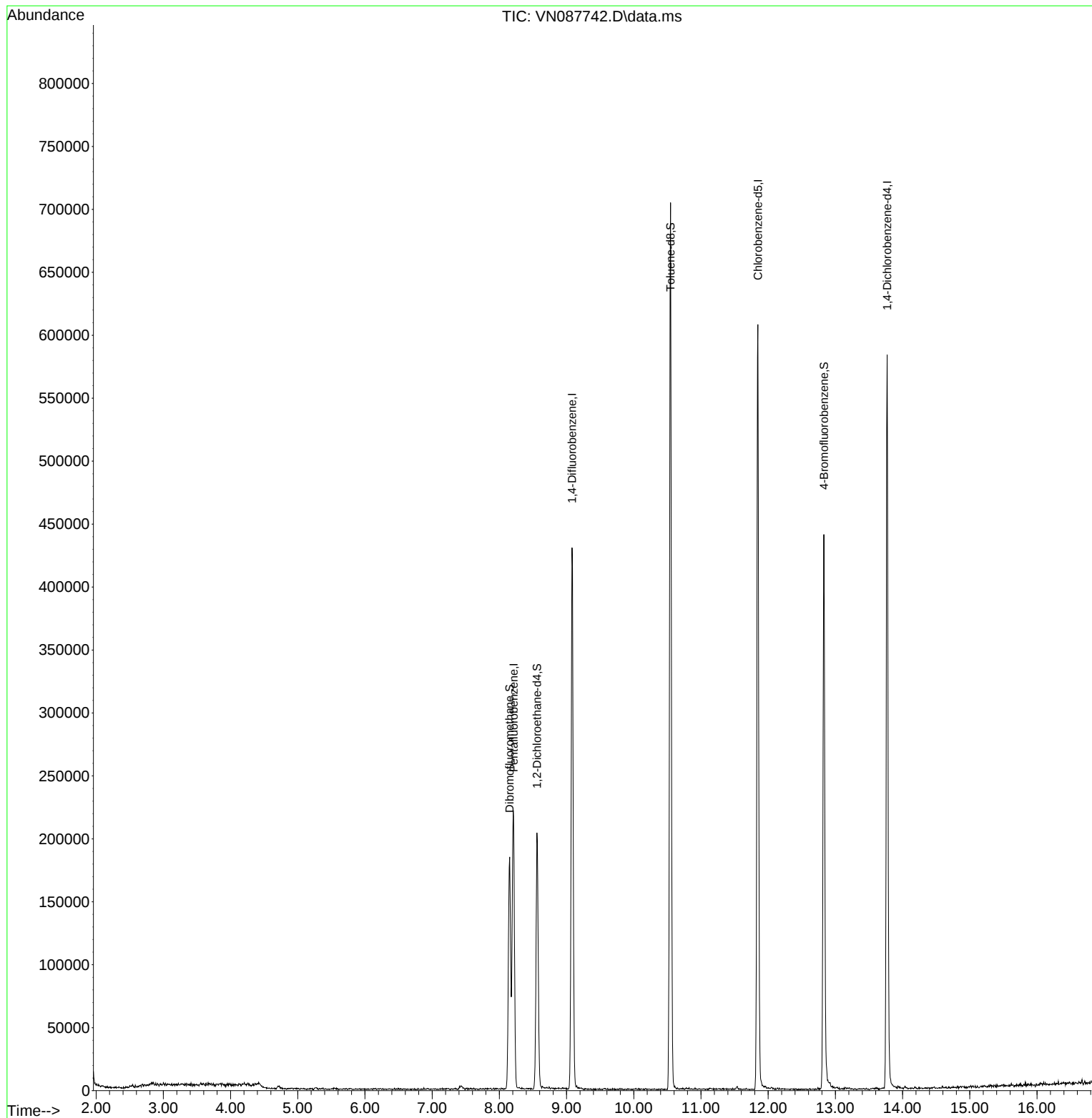
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

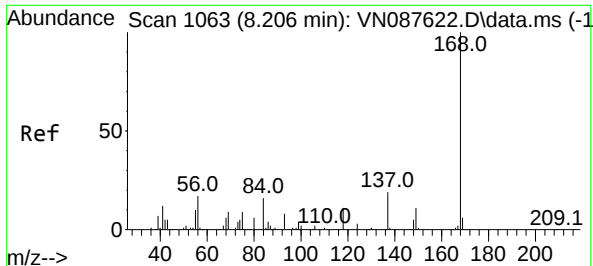
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration

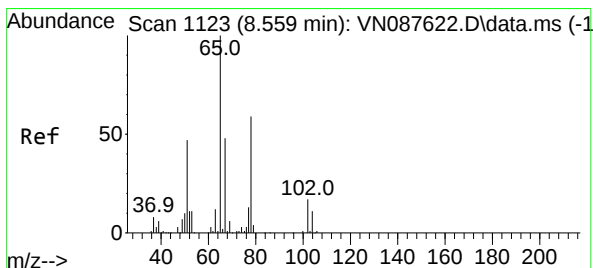
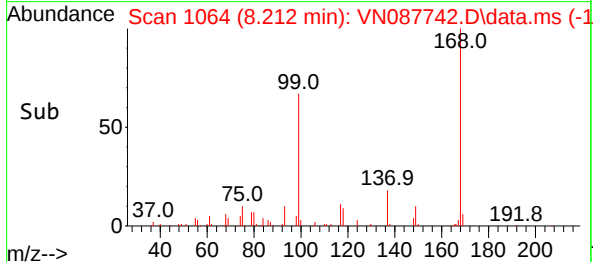
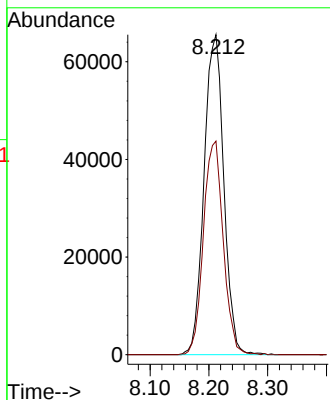
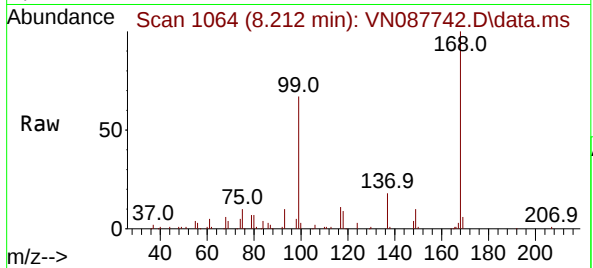




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

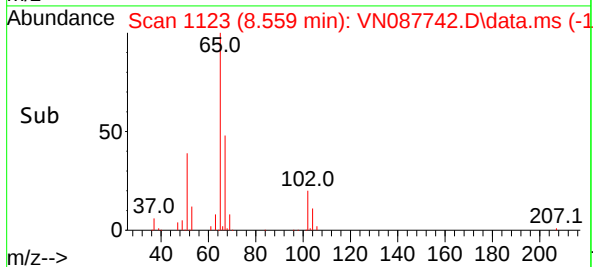
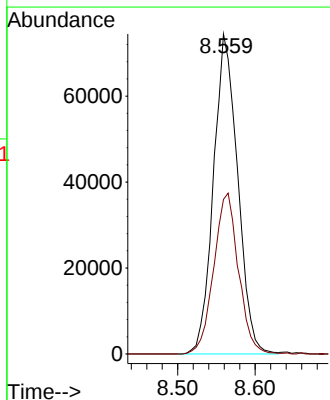
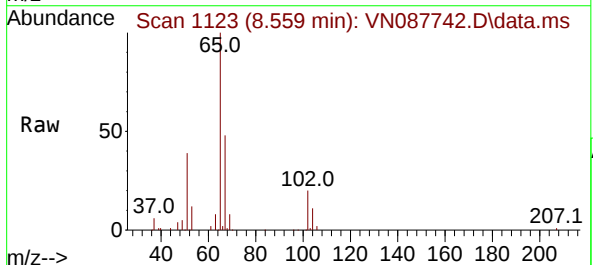
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

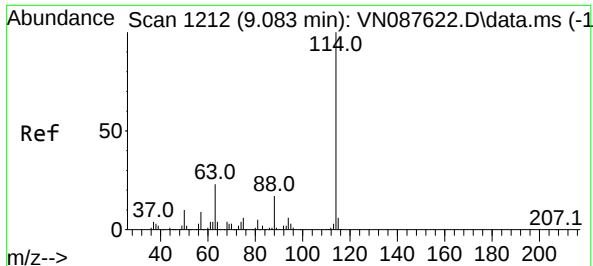
Tgt Ion:168 Resp: 152703  
Ion Ratio Lower Upper  
168 100  
99 66.8 57.2 85.8



#33  
1,2-Dichloroethane-d4  
Concen: 51.657 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

Tgt Ion: 65 Resp: 161621  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

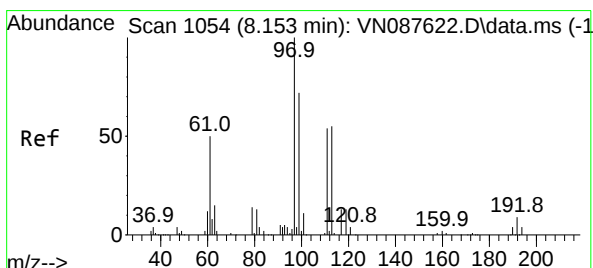
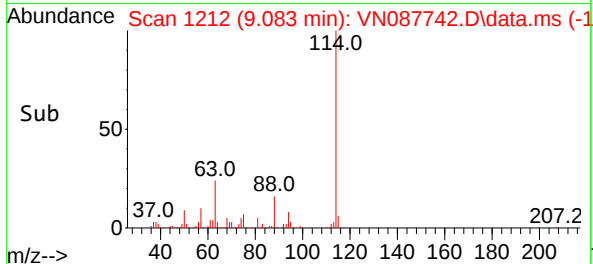
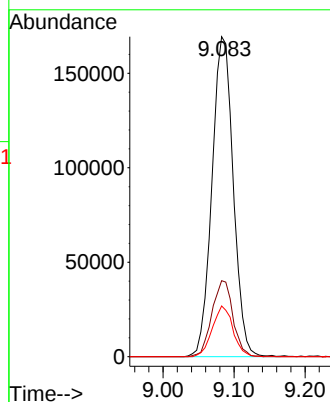
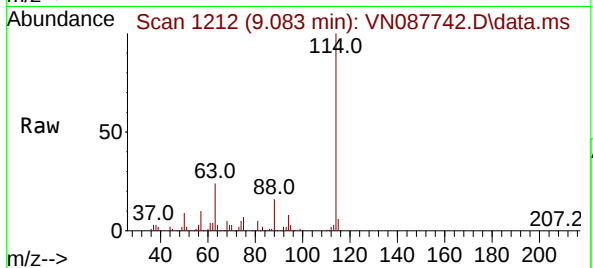
Tgt Ion:114 Resp: 352000

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.2

88 15.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.201 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

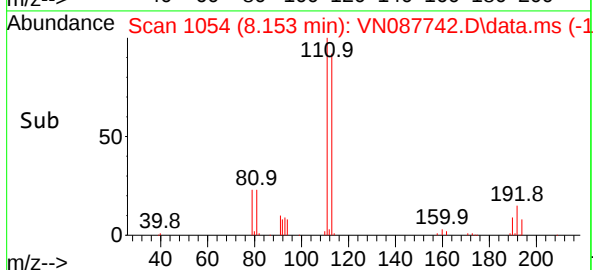
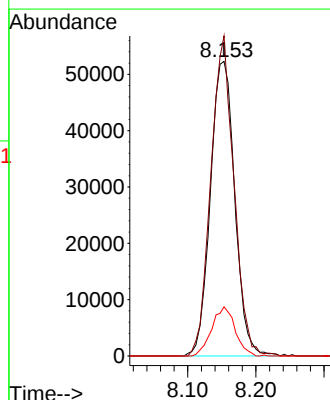
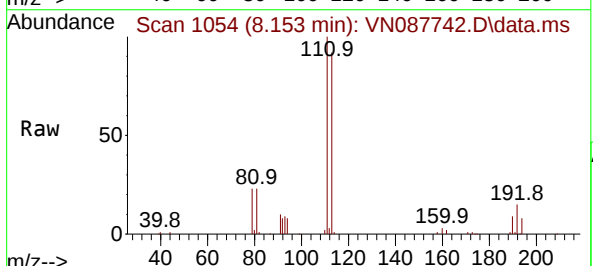
Tgt Ion:113 Resp: 130125

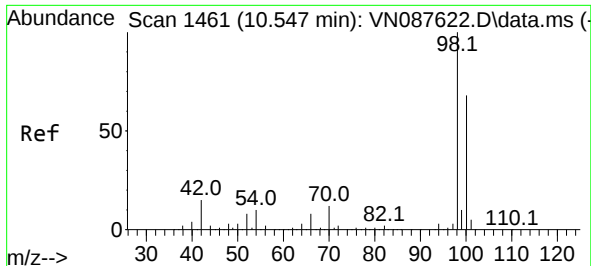
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 16.0 12.8 19.2

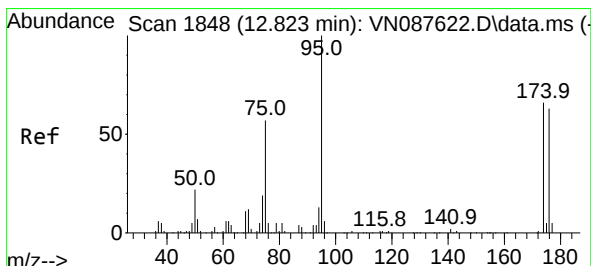
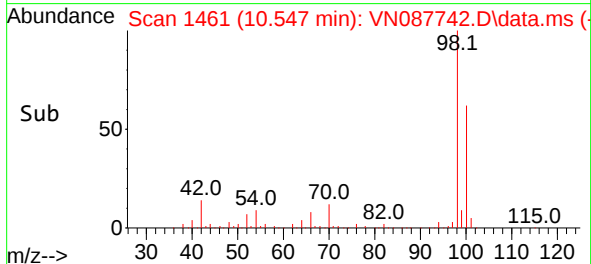
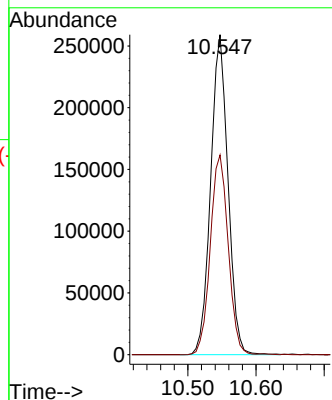
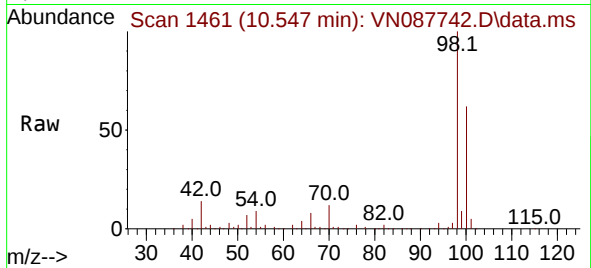




#50  
Toluene-d8  
Concen: 48.167 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

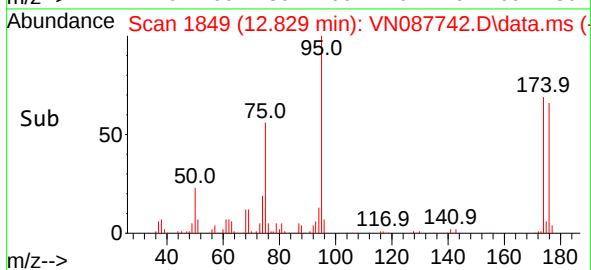
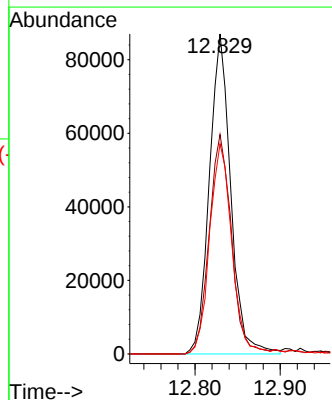
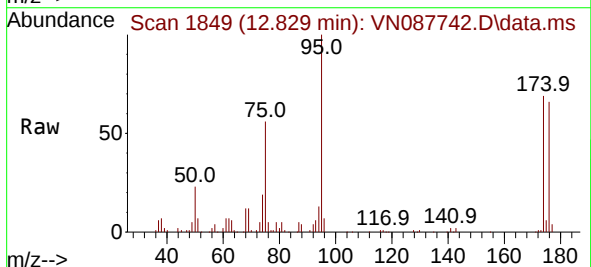
Instrument : MSVOA\_N  
ClientSampleId : STORAGE-BLANK-WATER-REF-4

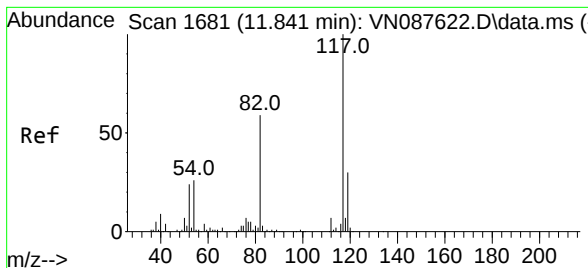
Tgt Ion: 98 Resp: 458172  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 44.756 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

Tgt Ion: 95 Resp: 151400  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 138.4  
176 68.6 0.0 132.6

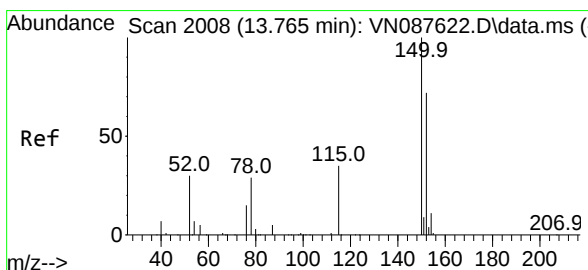
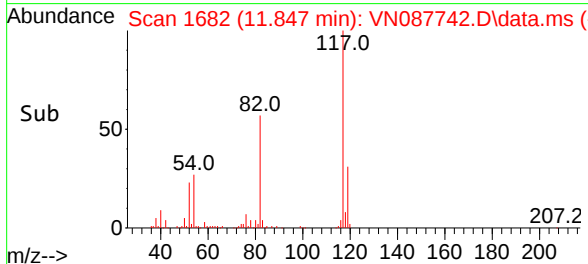
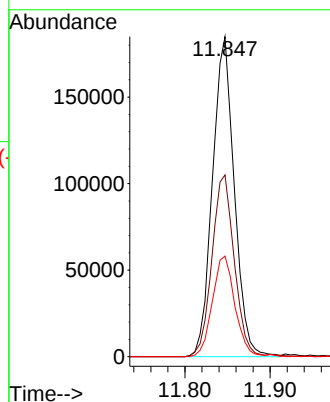
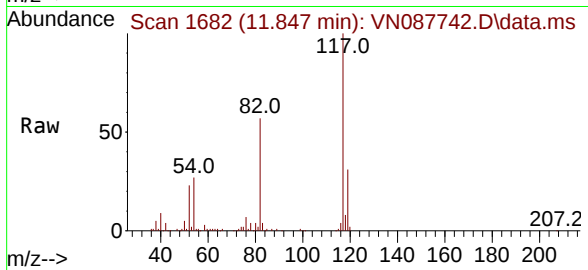




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 328536  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.4 71.2  
119 31.4 24.3 36.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN087742.D  
Acq: 05 Sep 2025 15:03

Tgt Ion:152 Resp: 152855  
Ion Ratio Lower Upper  
152 100  
115 61.8 32.3 96.8  
150 155.8 0.0 351.0

