

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090525\  
 Data File : VN087741.D  
 Acq On : 05 Sep 2025 14:42  
 Operator : JC\MD  
 Sample : Q3029-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 06 01:06:40 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  | 144361   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 347791   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 332140   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 153634   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 167496   | 56.629   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 113.260% |
| 35) Dibromofluoromethane    | 8.153  | 113   | 126359   | 50.321   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.640% |
| 50) Toluene-d8              | 10.547 | 98    | 449347   | 47.811   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.620%  |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 155380   | 46.488   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 92.980%  |

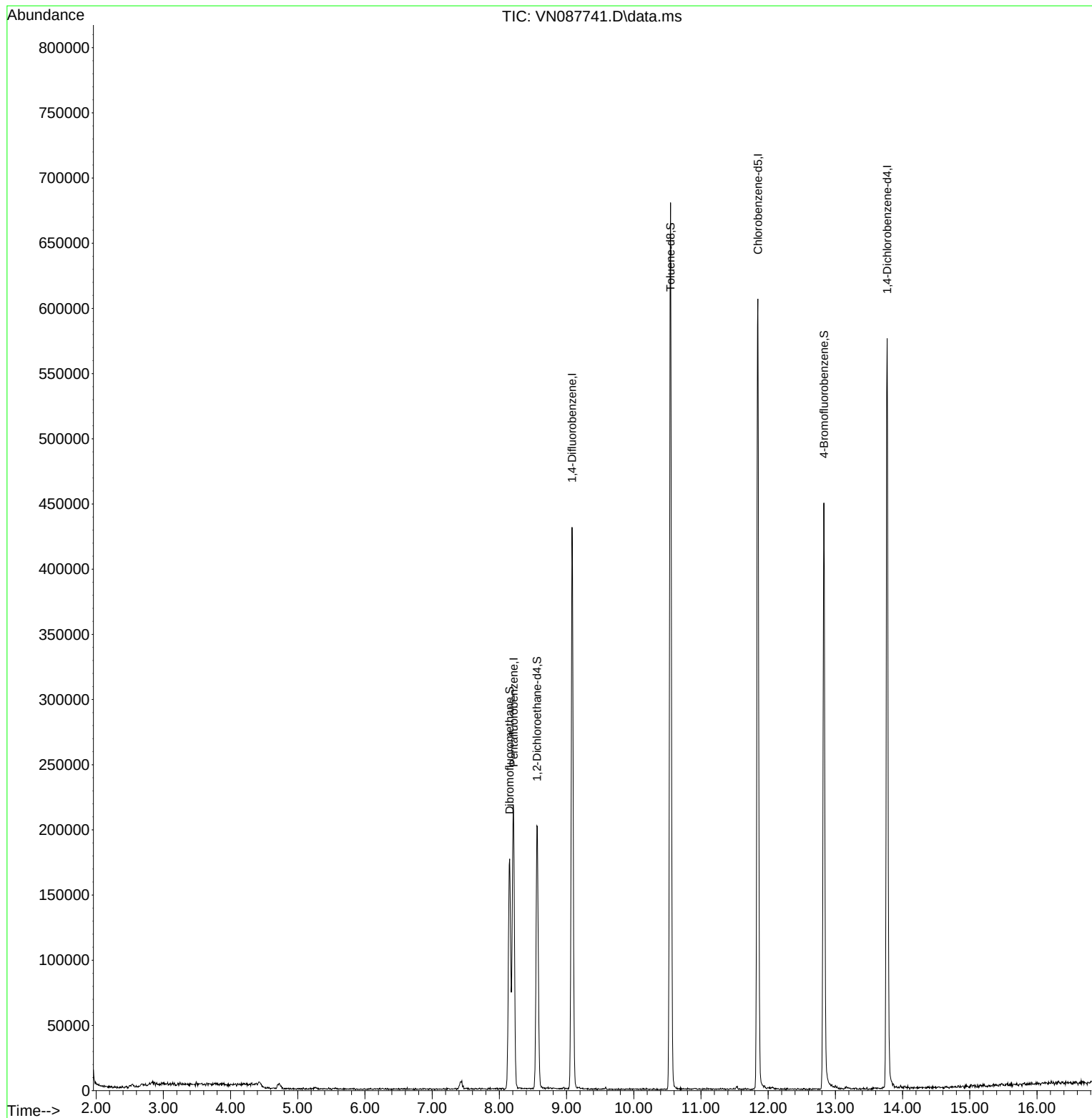
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

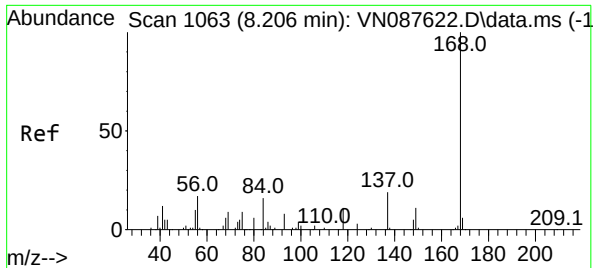
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q3029-02  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 06 01:06:40 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

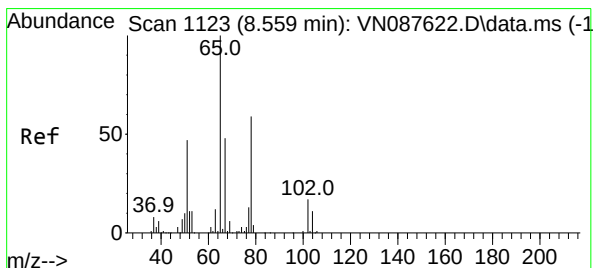
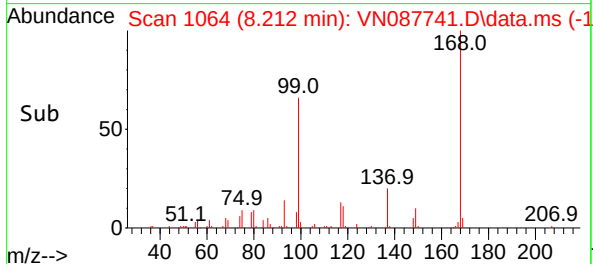
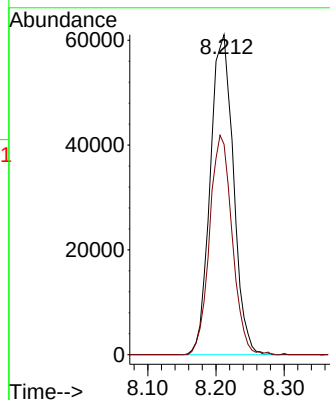
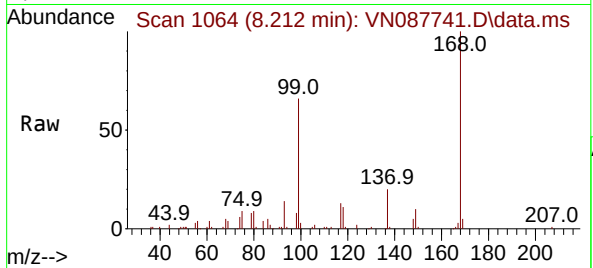




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

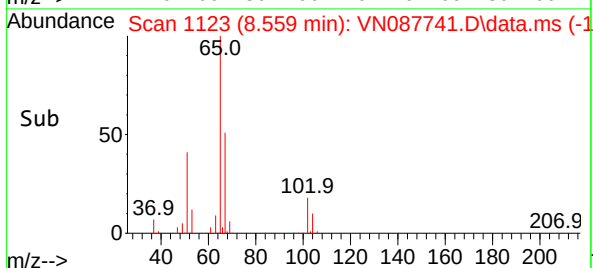
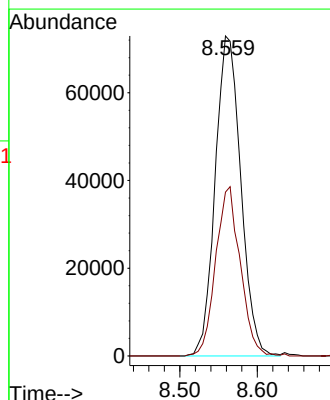
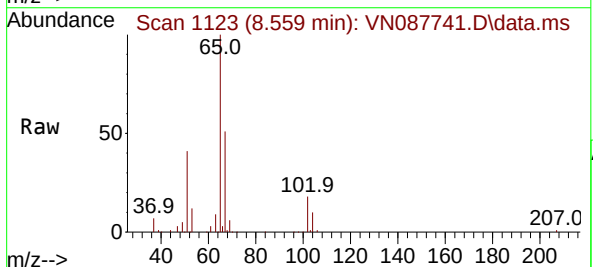
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

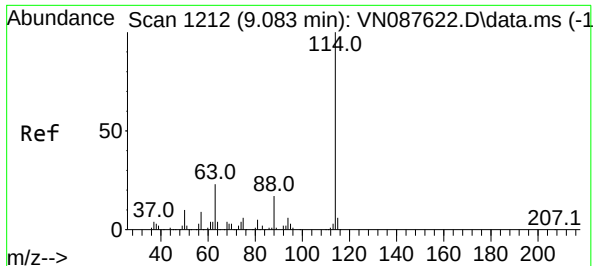
Tgt Ion:168 Resp: 144361  
Ion Ratio Lower Upper  
168 100  
99 65.8 57.2 85.8



#33  
1,2-Dichloroethane-d4  
Concen: 56.629 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

Tgt Ion: 65 Resp: 167496  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.0

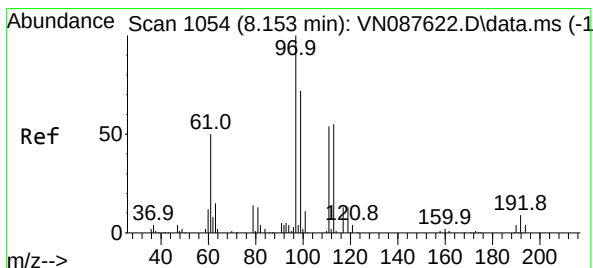
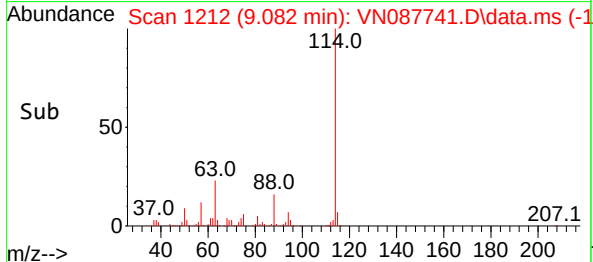
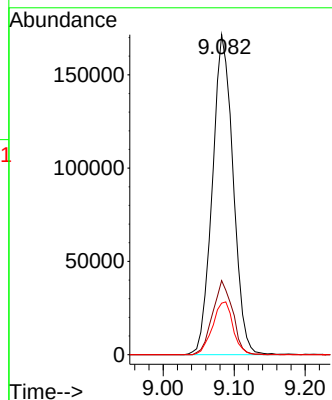
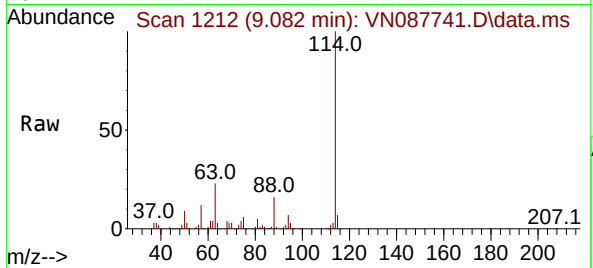




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.082 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

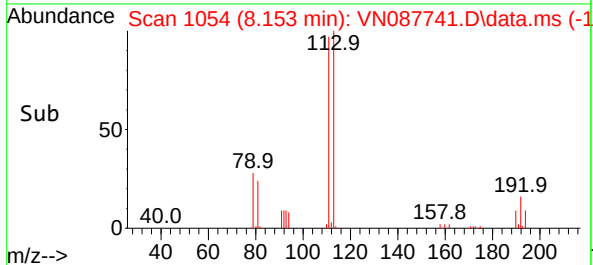
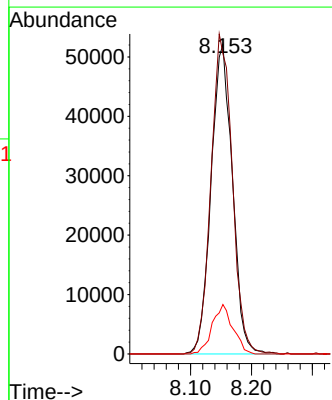
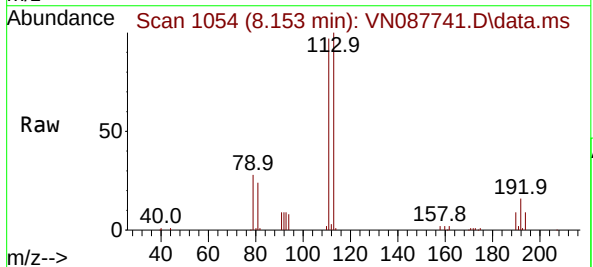
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

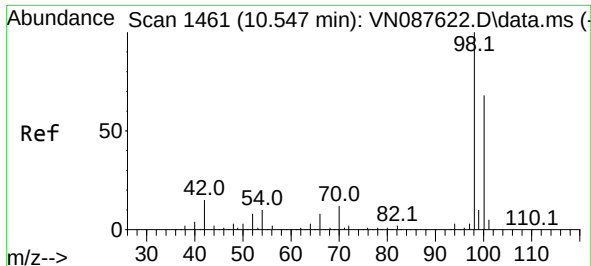
Tgt Ion:114 Resp: 347791  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 45.2  
88 16.1 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 50.321 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

Tgt Ion:113 Resp: 126359  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.8 124.2  
192 15.5 12.8 19.2

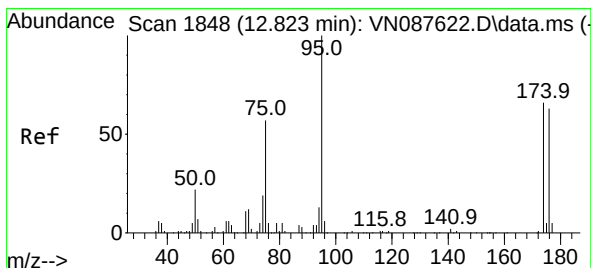
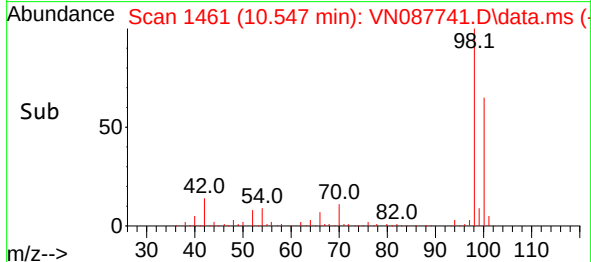
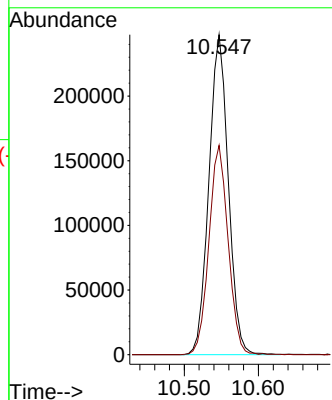
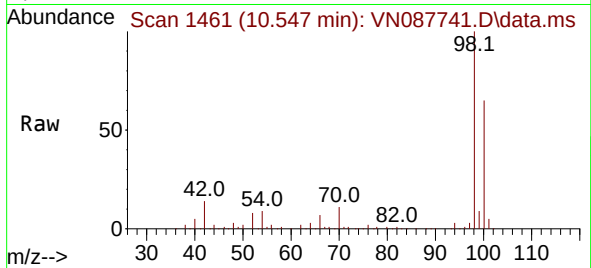




#50  
Toluene-d8  
Concen: 47.811 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

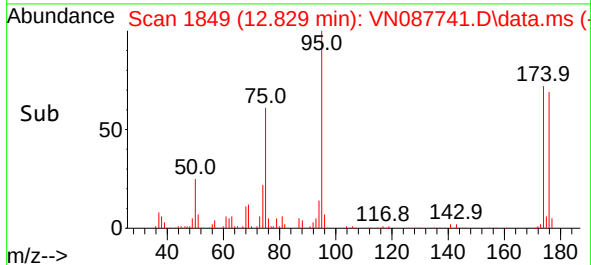
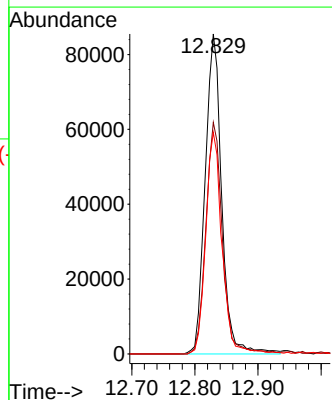
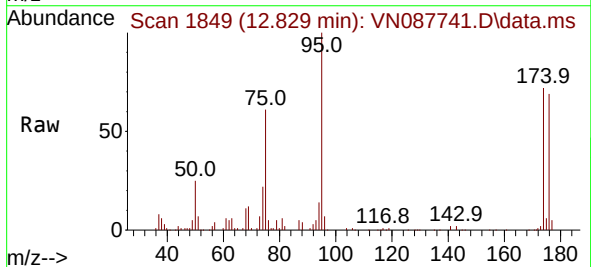
Instrument : MSVOA\_N  
ClientSampleId : STORAGE-BLANK-WATER-REF-5

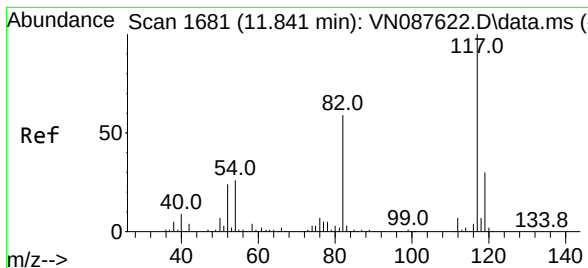
Tgt Ion: 98 Resp: 449347  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 46.488 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

Tgt Ion: 95 Resp: 155380  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 138.4  
176 68.6 0.0 132.6

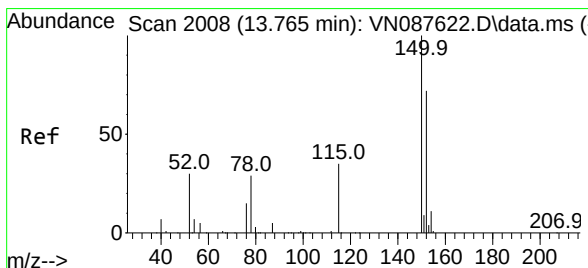
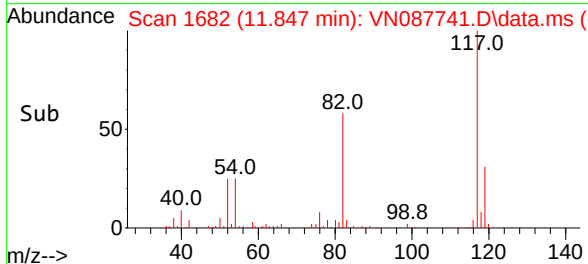
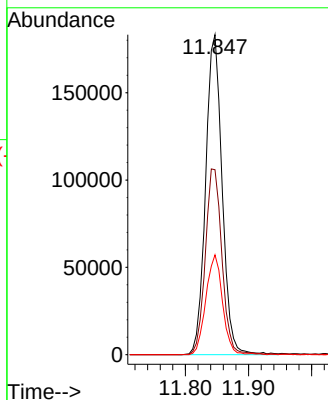
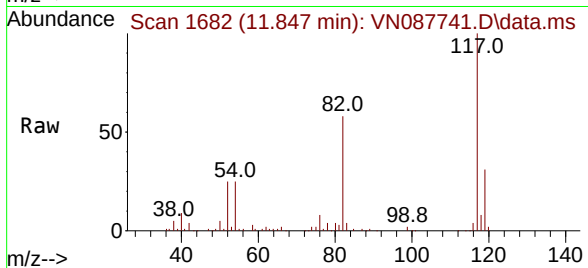




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN087741.D  
Acq: 05 Sep 2025 14:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 332140  
Ion Ratio Lower Upper  
117 100  
82 57.8 47.4 71.2  
119 31.2 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: VN087741.D  
Acq: 05 Sep 2025 14:42

Tgt Ion:152 Resp: 153634  
Ion Ratio Lower Upper  
152 100  
115 62.8 32.3 96.8  
150 156.5 0.0 351.0

