

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090525\  
 Data File : VN087740.D  
 Acq On : 05 Sep 2025 14:21  
 Operator : JC\MD  
 Sample : Q3029-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 06 01:06:17 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  | 153908   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 364941   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 340993   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 162177   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.565  | 65    | 170112   | 53.946   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 107.900% |
| 35) Dibromofluoromethane    | 8.153  | 113   | 131668   | 49.971   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.940%  |
| 50) Toluene-d8              | 10.547 | 98    | 464043   | 47.054   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.100%  |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 162620   | 46.368   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 92.740%  |

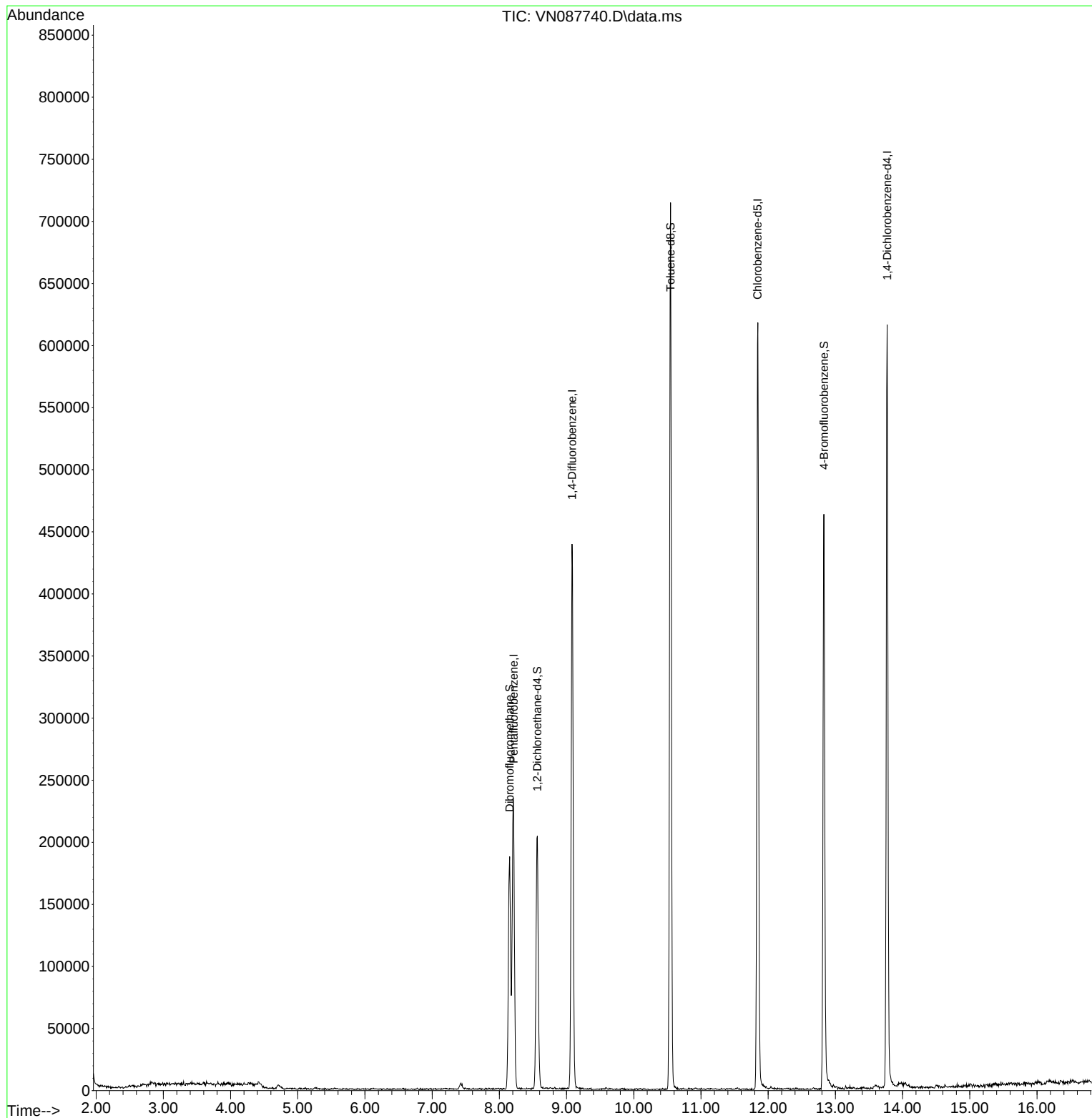
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

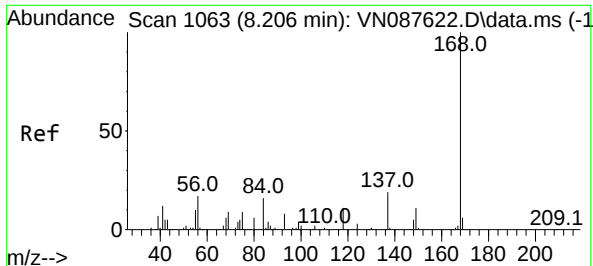
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 06 01:06:17 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

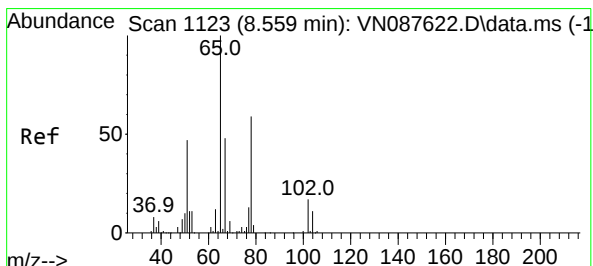
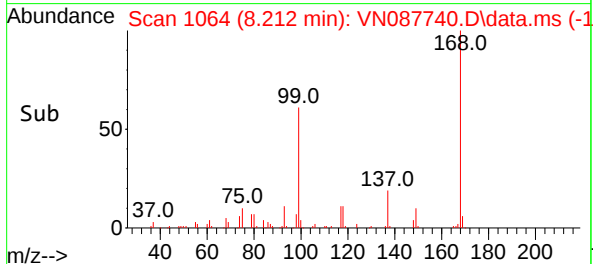
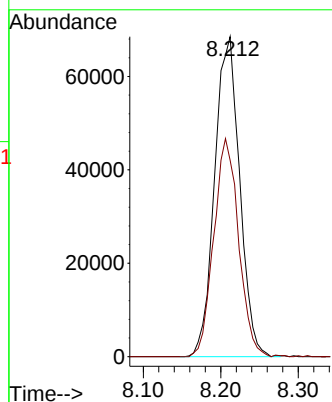
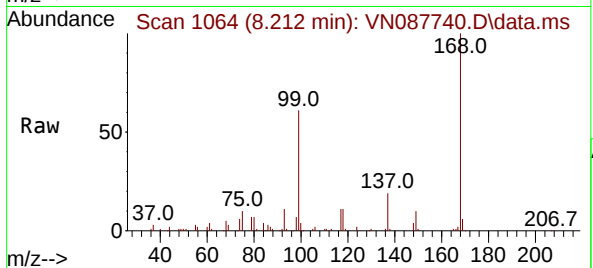




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

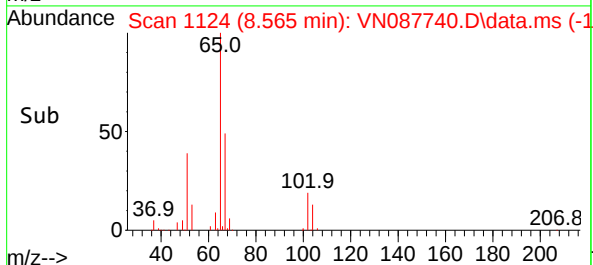
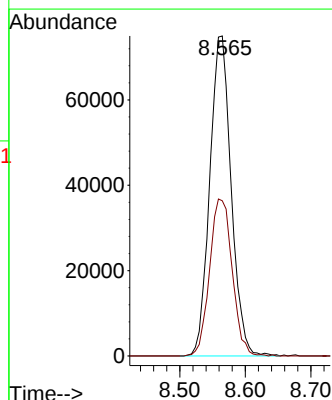
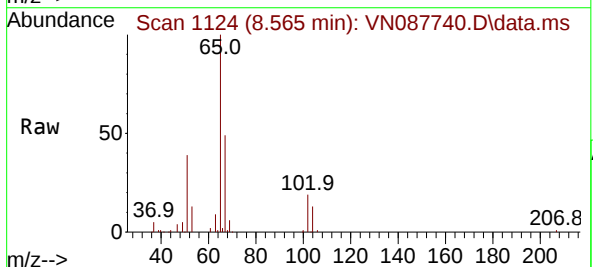
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

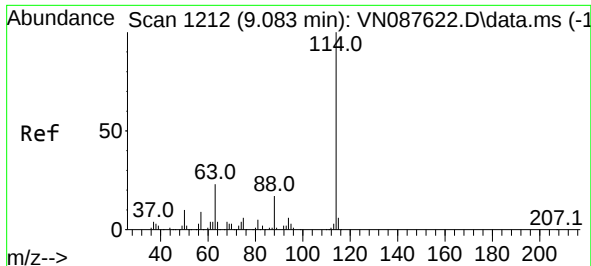
Tgt Ion:168 Resp: 153908  
Ion Ratio Lower Upper  
168 100  
99 61.4 57.2 85.8



#33  
1,2-Dichloroethane-d4  
Concen: 53.946 ug/l  
RT: 8.565 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

Tgt Ion: 65 Resp: 170112  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 100.0

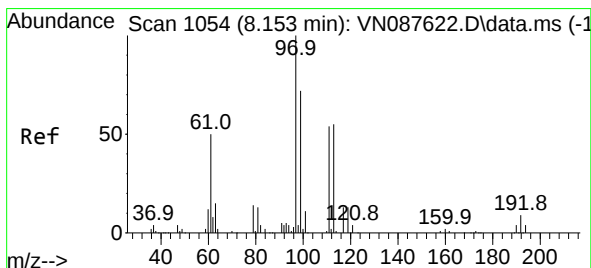
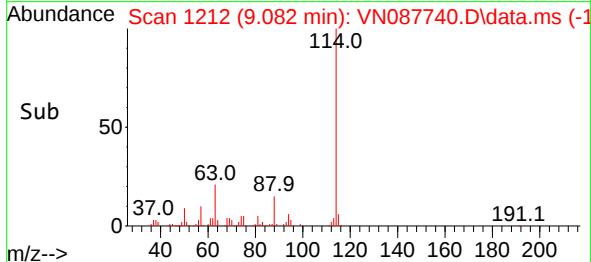
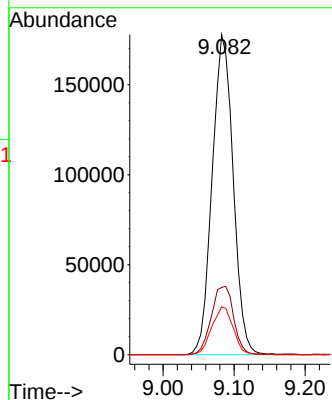
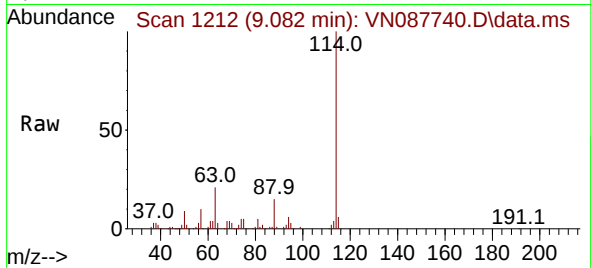




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.082 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

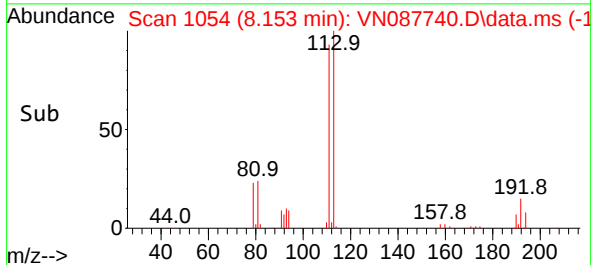
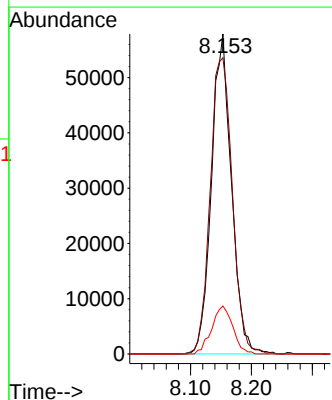
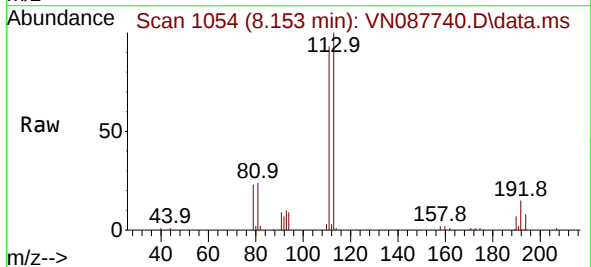
Instrument :  
MSVOA\_N  
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STORAGE-BLANK-SOIL-REF-6

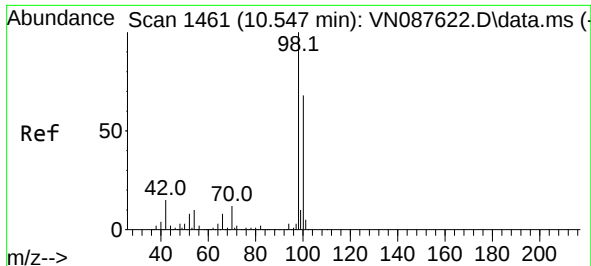
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.0  | 0.0   | 45.2  |
| 88      | 15.0  | 0.0   | 33.4  |



#35  
Dibromofluoromethane  
Concen: 49.971 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.7 | 82.8  | 124.2 |
| 192     | 15.9  | 12.8  | 19.2  |

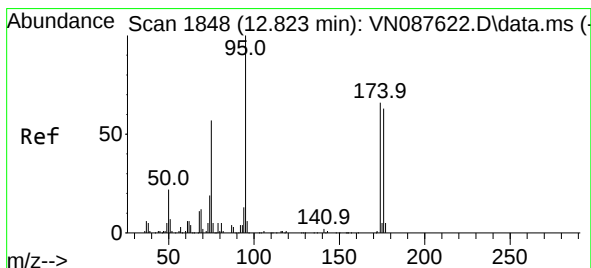
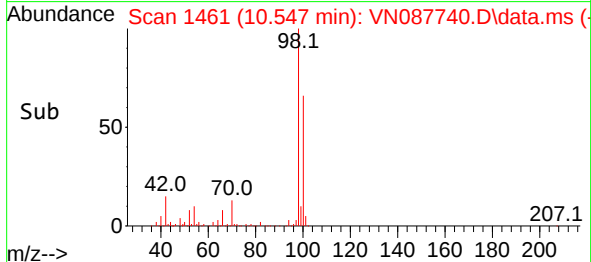
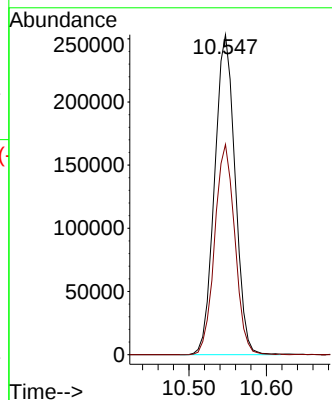
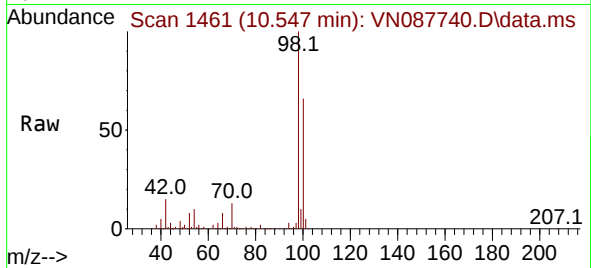




#50  
Toluene-d8  
Concen: 47.054 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

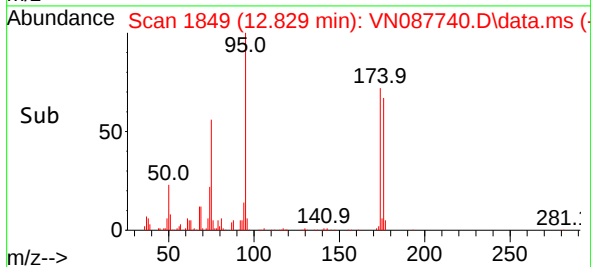
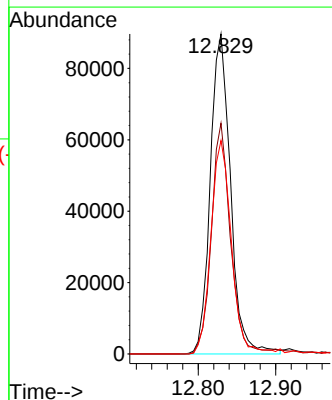
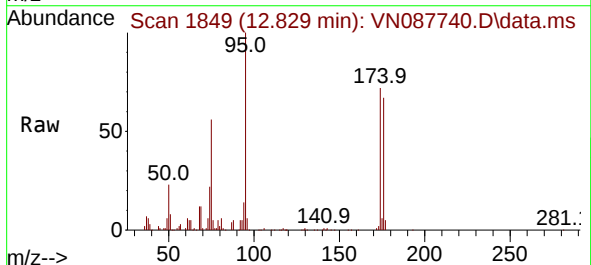
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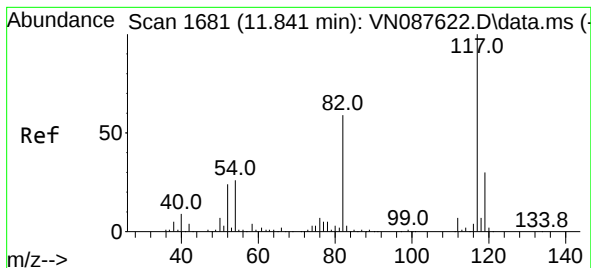
Tgt Ion: 98 Resp: 464043  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 46.368 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

Tgt Ion: 95 Resp: 162620  
Ion Ratio Lower Upper  
95 100  
174 68.1 0.0 138.4  
176 68.0 0.0 132.6

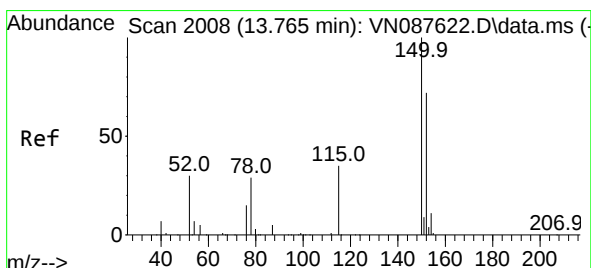
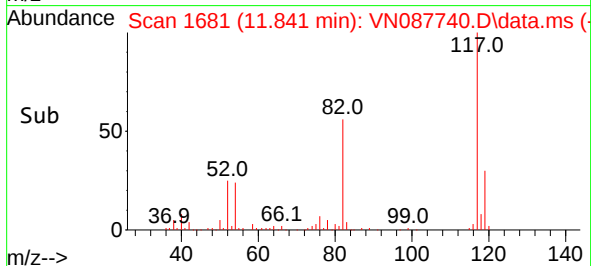
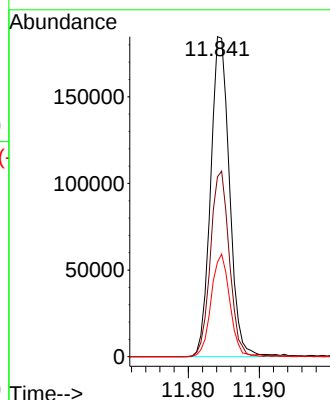
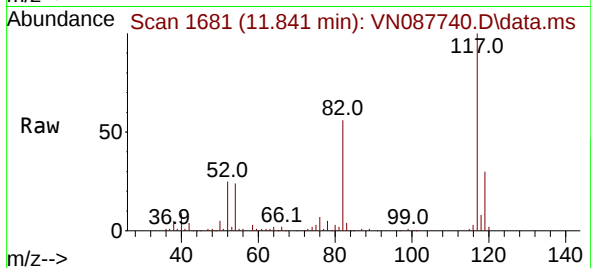




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087740.D  
Acq: 05 Sep 2025 14:21

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MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 340993  
Ion Ratio Lower Upper  
117 100  
82 56.2 47.4 71.2  
119 29.6 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: VN087740.D  
Acq: 05 Sep 2025 14:21

Tgt Ion:152 Resp: 162177  
Ion Ratio Lower Upper  
152 100  
115 59.7 32.3 96.8  
150 154.9 0.0 351.0

