

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070325\  
 Data File : VN087271.D  
 Acq On : 03 Jul 2025 15:06  
 Operator : JC\MD  
 Sample : Q2487-21  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 G2(2.5)

Quant Time: Jul 04 02:36:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N063025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:15:00 2025  
 Response via : Initial Calibration

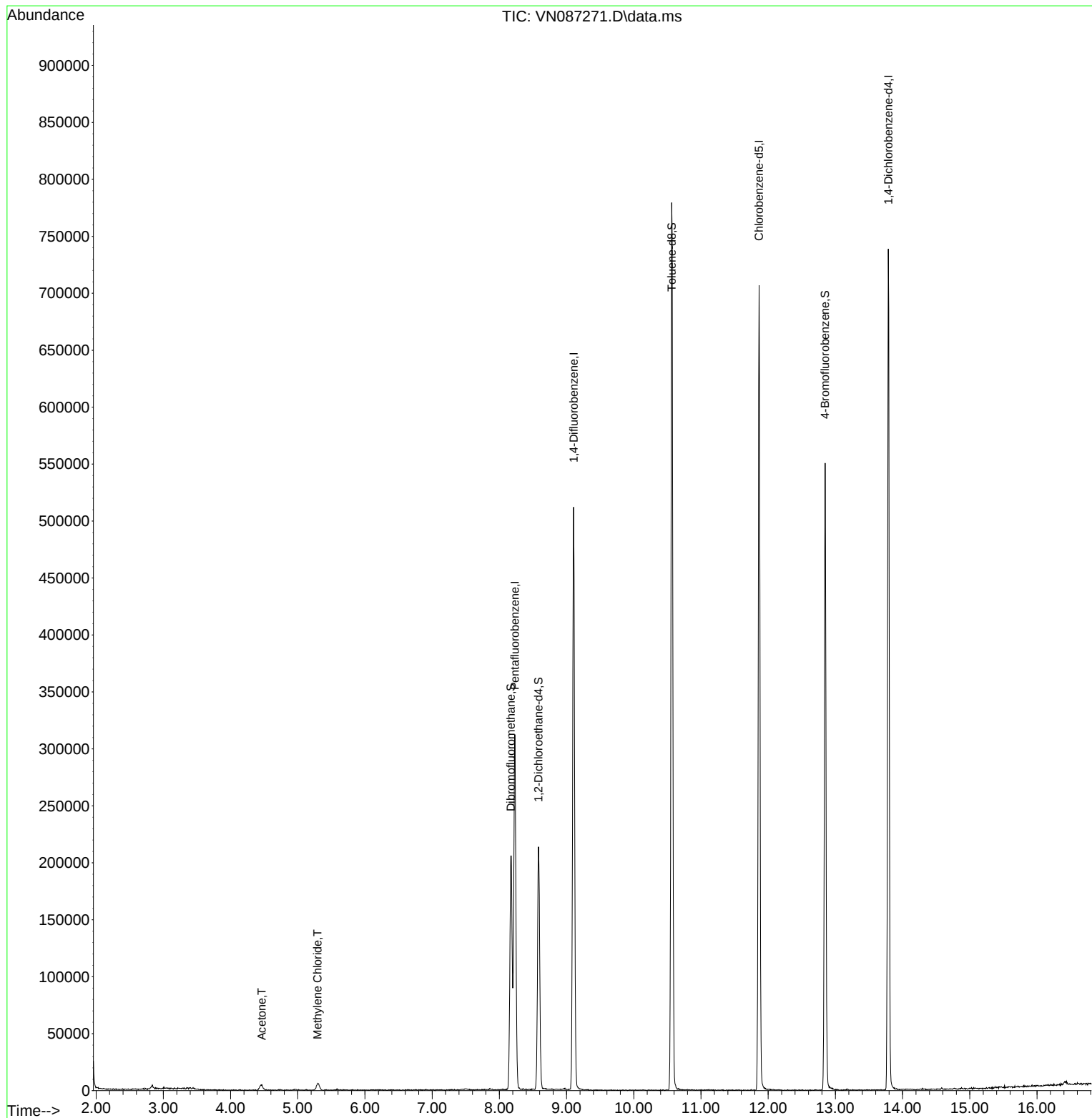
| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 8.230     | 168            | 237967   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114            | 463740   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117            | 429398   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788    | 152            | 214279   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65             | 176391   | 59.060 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | =      | 118.120% |          |
| 35) Dibromofluoromethane    | 8.171     | 113            | 154409   | 52.001 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 104.000% |          |
| 50) Toluene-d8              | 10.565    | 98             | 567696   | 49.049 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | =      | 98.100%  |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95             | 188882   | 45.866 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | =      | 91.740%  |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        | Qvalue   |          |
| 16) Acetone                 | 4.465     | 43             | 10522    | 9.215  | ug/l #   | 88       |
| 20) Methylene Chloride      | 5.294     | 84             | 5368     | 2.122  | ug/l #   | 91       |
| -----                       |           |                |          |        |          |          |

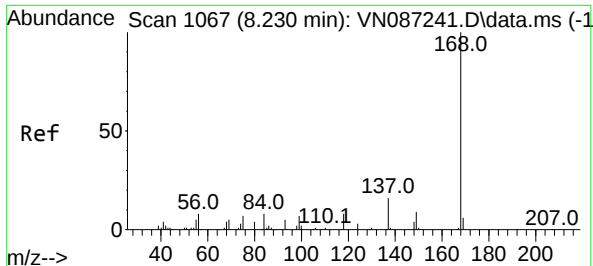
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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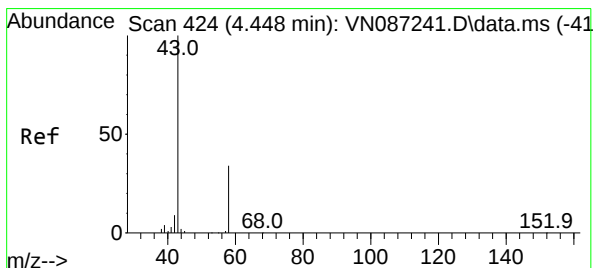
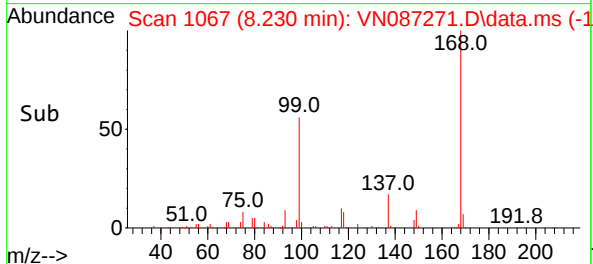
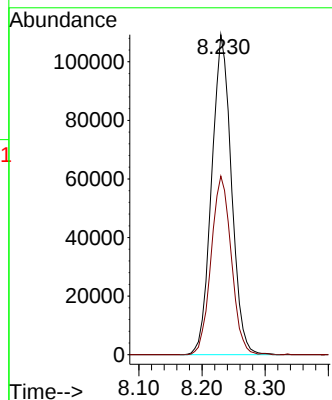
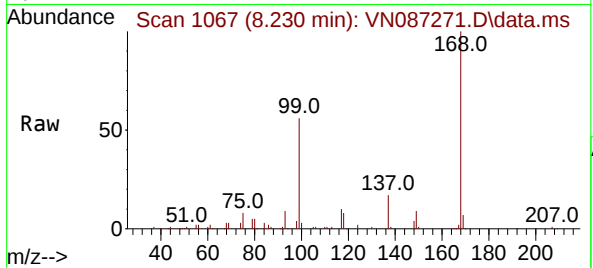




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

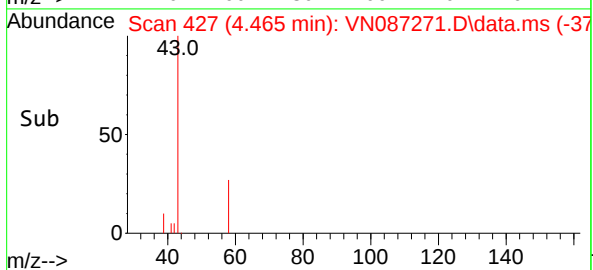
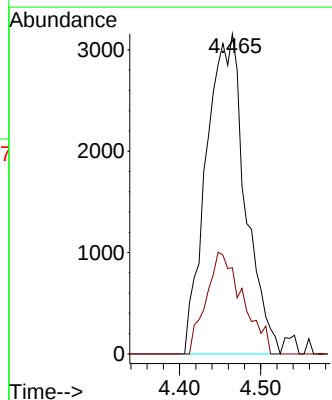
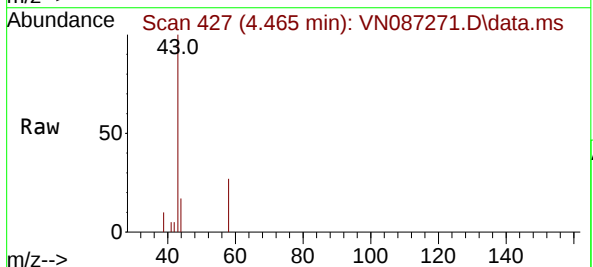
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(2.5)

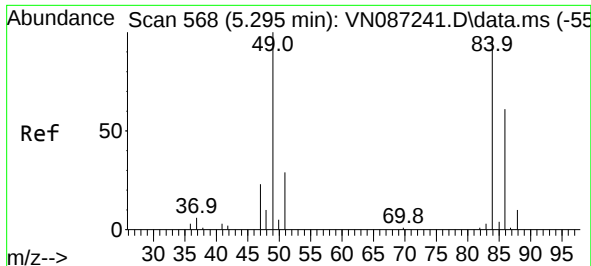
Tgt Ion:168 Resp: 237967  
Ion Ratio Lower Upper  
168 100  
99 55.8 42.6 64.0



#16  
Acetone  
Concen: 9.215 ug/l  
RT: 4.465 min Scan# 427  
Delta R.T. 0.018 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

Tgt Ion: 43 Resp: 10522  
Ion Ratio Lower Upper  
43 100  
58 27.0 27.1 40.7#

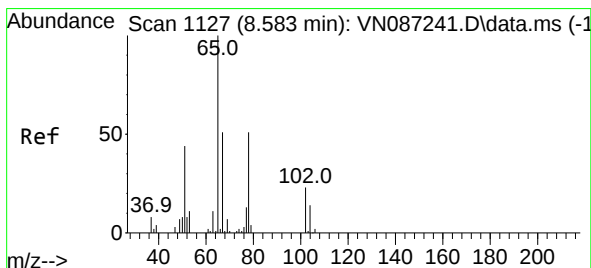
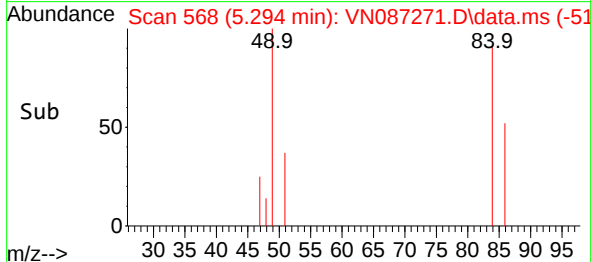
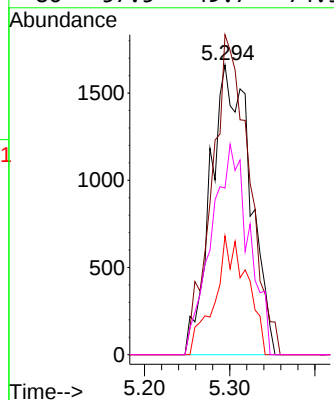
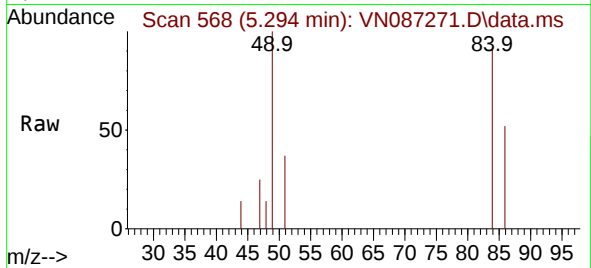




#20  
Methylene Chloride  
Concen: 2.122 ug/l  
RT: 5.294 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

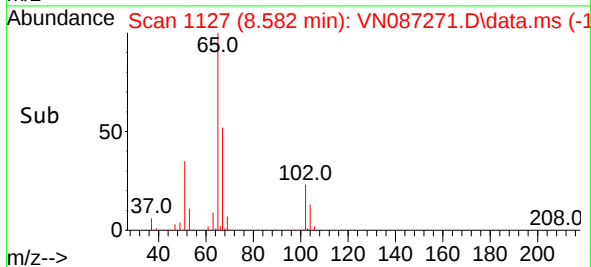
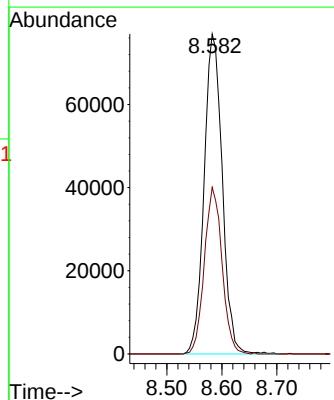
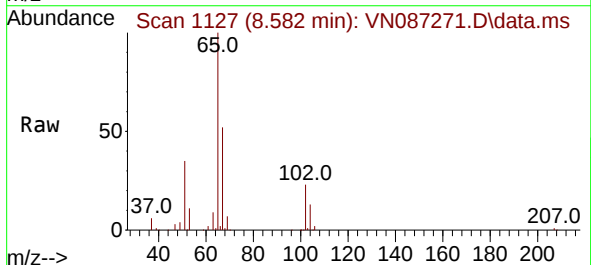
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(2.5)

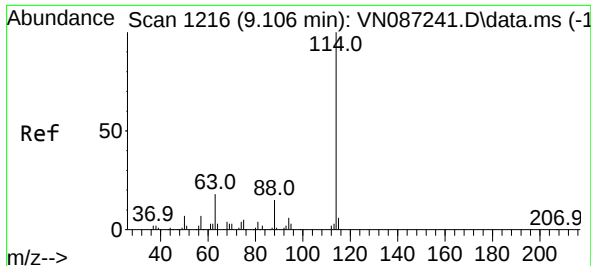
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 5368  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 110.4    | 82.1 123.1  |
| 51 41.0     | 23.5 35.3#  |
| 86 57.5     | 49.7 74.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 59.060 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 176391 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 50.8     | 0.0 102.6    |

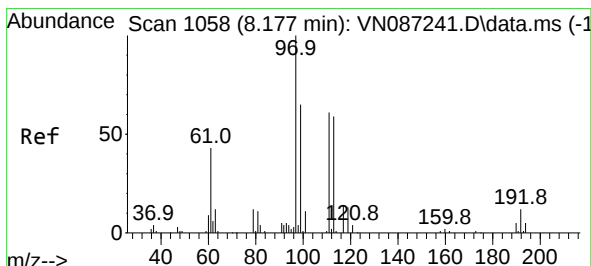
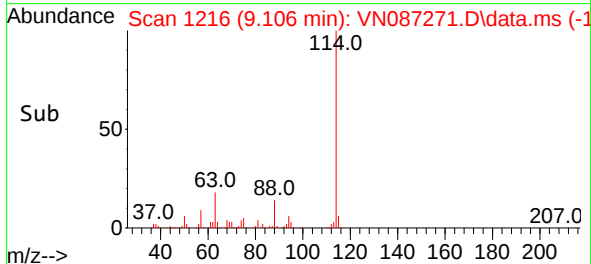
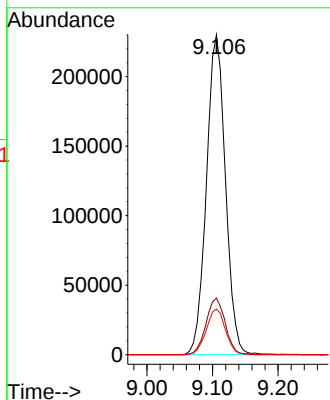
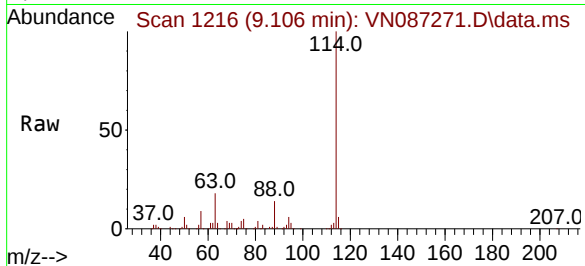




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

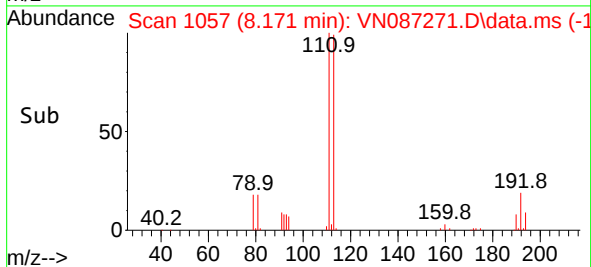
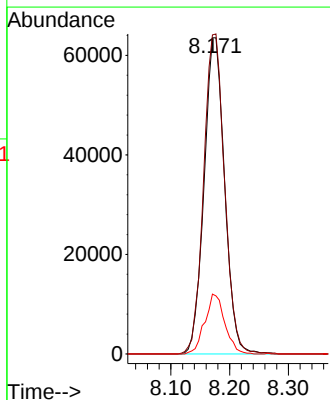
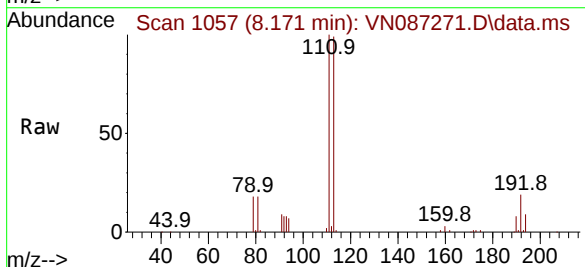
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(2.5)

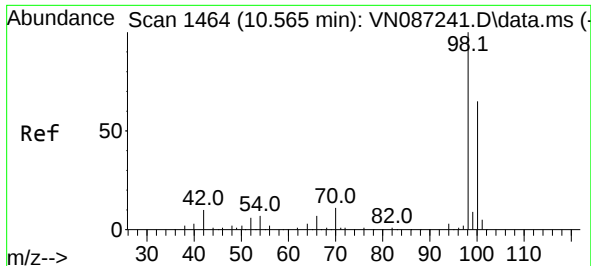
Tgt Ion:114 Resp: 463740  
Ion Ratio Lower Upper  
114 100  
63 17.7 0.0 36.6  
88 14.2 0.0 29.6



#35  
Dibromofluoromethane  
Concen: 52.001 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

Tgt Ion:113 Resp: 154409  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.2  
192 18.4 15.1 22.7

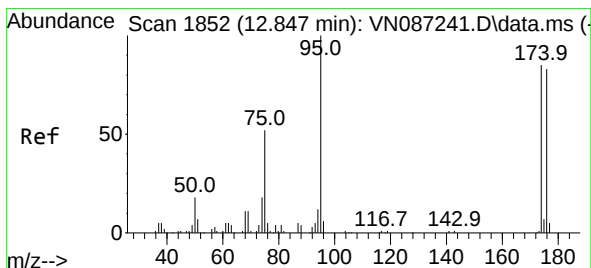
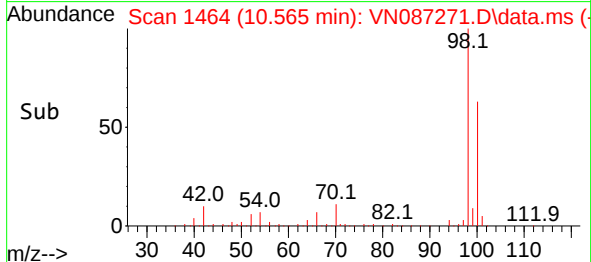
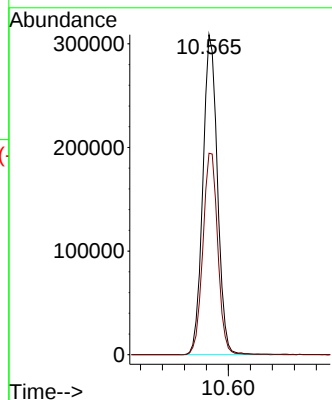
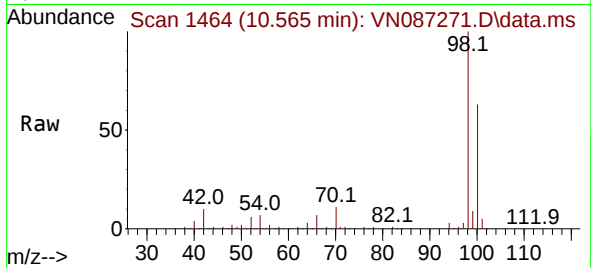




#50  
Toluene-d8  
Concen: 49.049 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

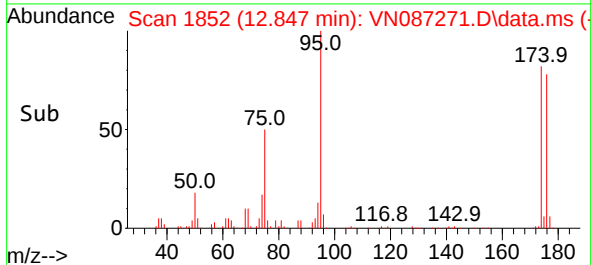
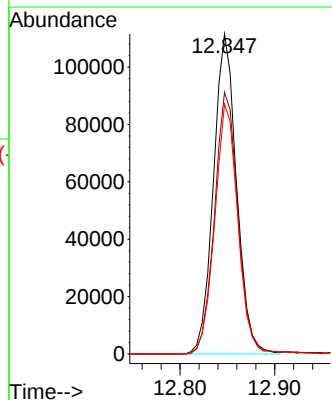
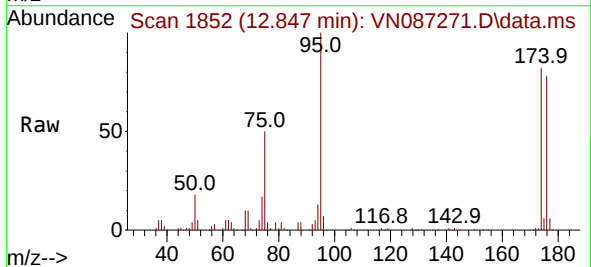
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(2.5)

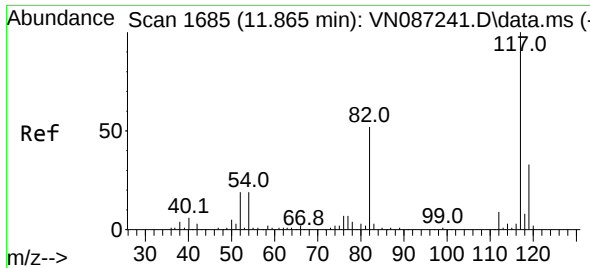
Tgt Ion: 98 Resp: 567696  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 45.866 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

Tgt Ion: 95 Resp: 188882  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 169.6  
176 78.0 0.0 161.6

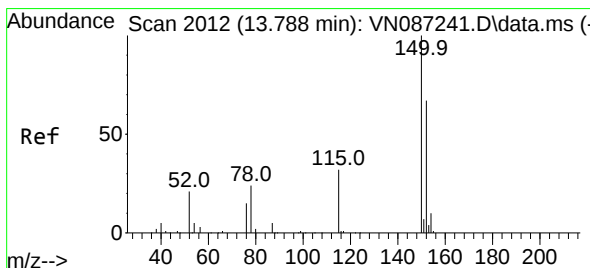
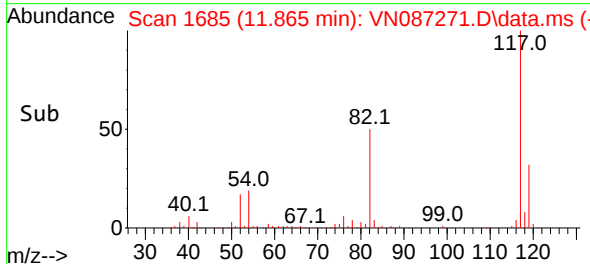
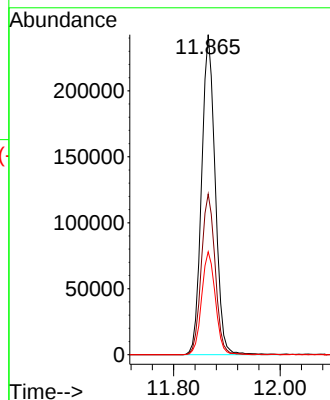
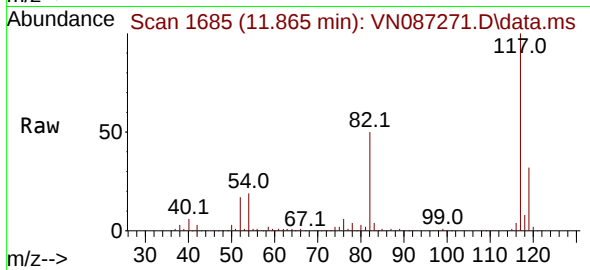




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(2.5)

Tgt Ion:117 Resp: 429398  
Ion Ratio Lower Upper  
117 100  
82 50.2 41.9 62.9  
119 32.2 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN087271.D  
Acq: 03 Jul 2025 15:06

Tgt Ion:152 Resp: 214279  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.3 84.9  
150 155.5 0.0 344.6

