

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070325\  
 Data File : VN087272.D  
 Acq On : 03 Jul 2025 15:27  
 Operator : JC\MD  
 Sample : Q2487-22  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 G2(9)

Quant Time: Jul 04 02:38:17 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

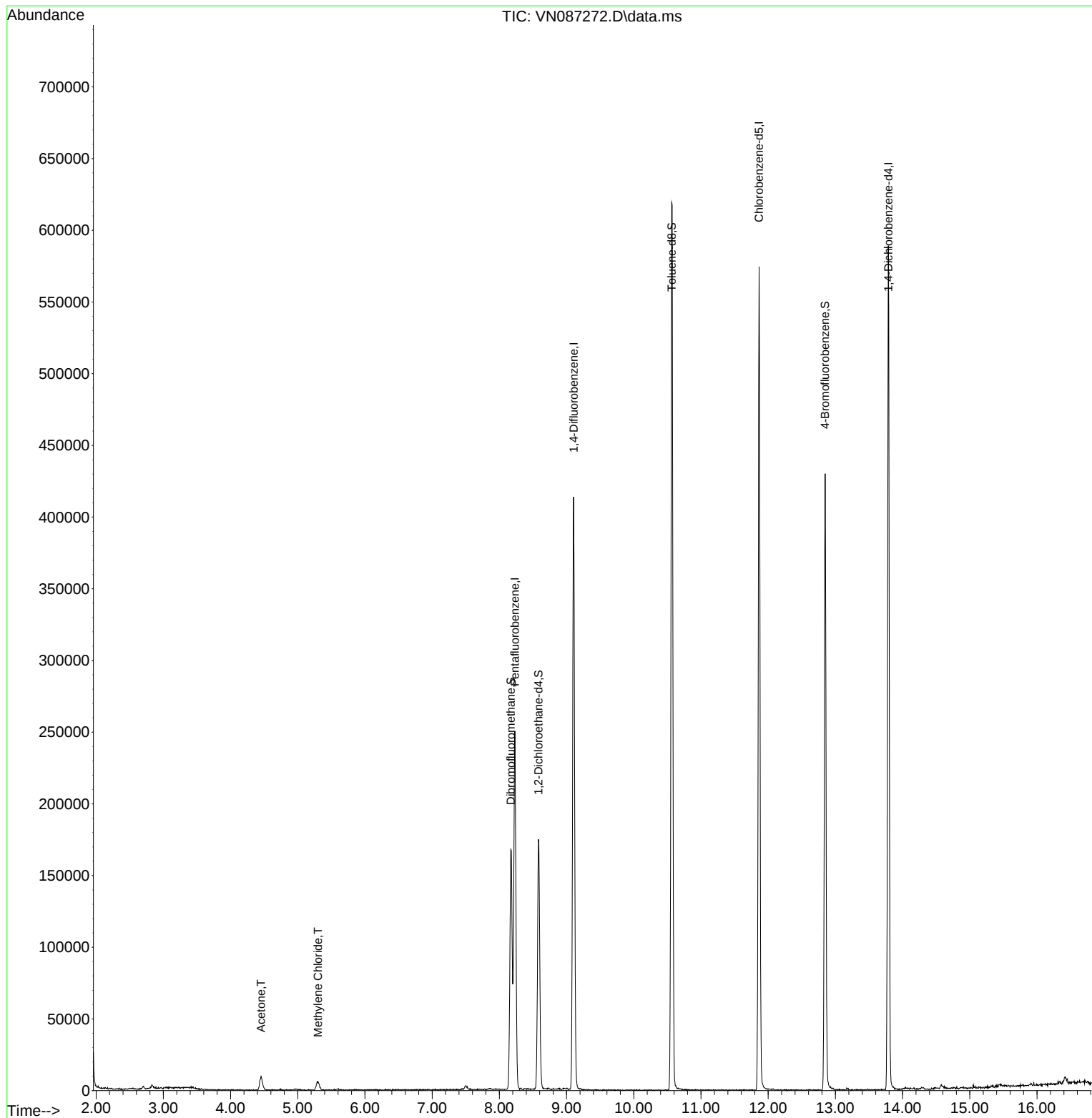
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.230     | 168   | 190706   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 375184   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 349211   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788    | 152   | 170569   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 145643   | 60.850   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =     | 121.700% |
| 35) Dibromofluoromethane    | 8.171     | 113   | 127446   | 53.051   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 106.100% |
| 50) Toluene-d8              | 10.565    | 98    | 460114   | 49.137   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =     | 98.280%  |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 154662   | 46.421   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =     | 92.840%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.453     | 43    | 17475    | 19.097   | ug/l  | 93       |
| 20) Methylene Chloride      | 5.300     | 84    | 5843     | 2.882    | ug/l  | 95       |
| -----                       |           |       |          |          |       |          |

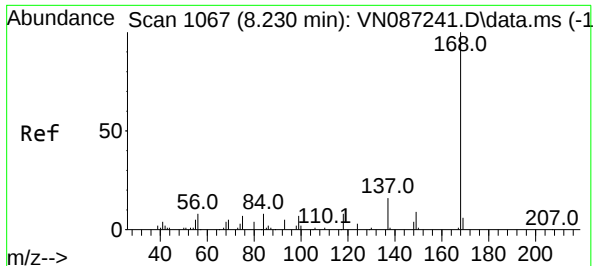
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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Quant Time: Jul 04 02:38:17 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

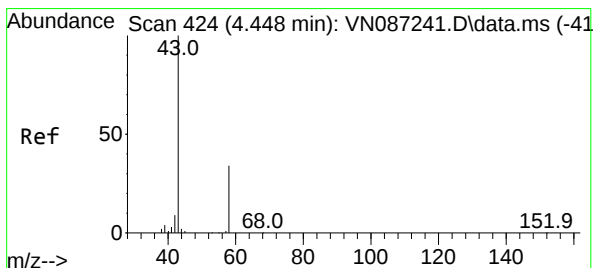
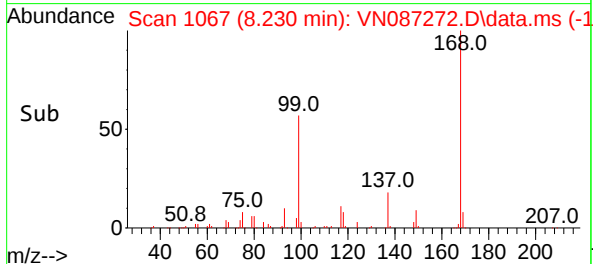
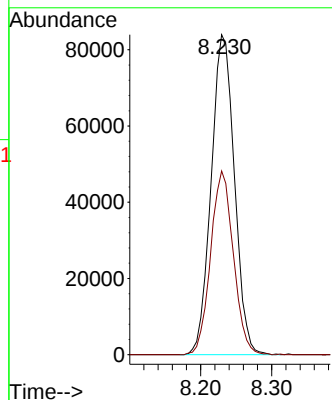
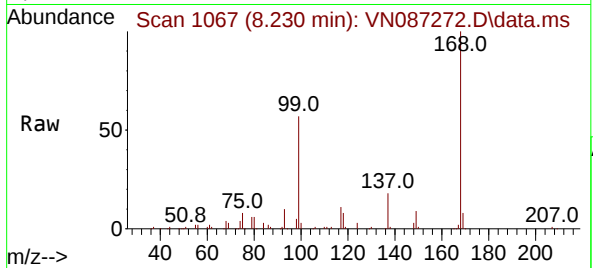




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

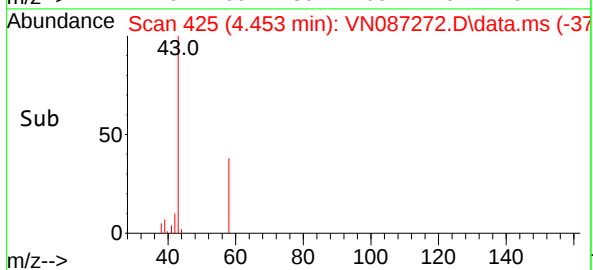
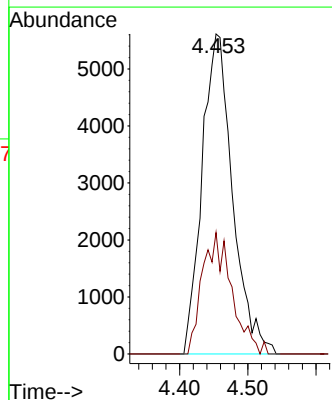
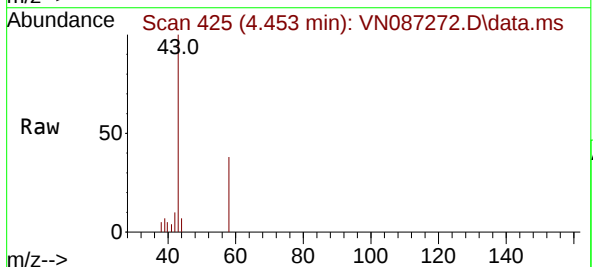
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(9)

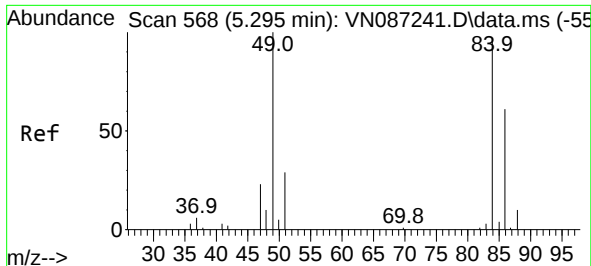
Tgt Ion:168 Resp: 190706  
Ion Ratio Lower Upper  
168 100  
99 57.4 42.6 64.0



#16  
Acetone  
Concen: 19.097 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

Tgt Ion: 43 Resp: 17475  
Ion Ratio Lower Upper  
43 100  
58 38.0 27.1 40.7

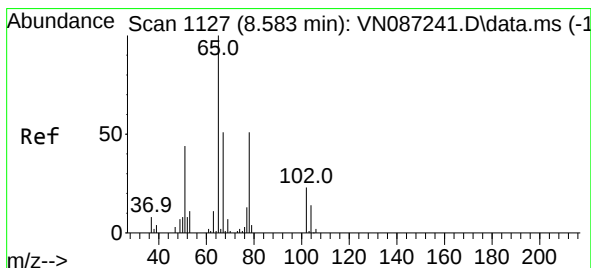
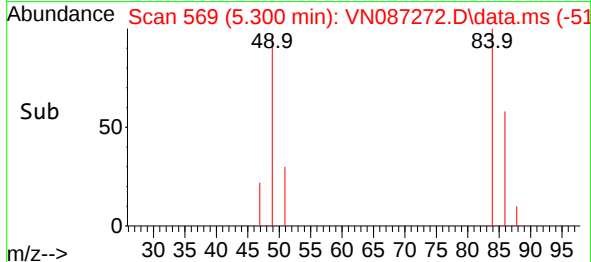
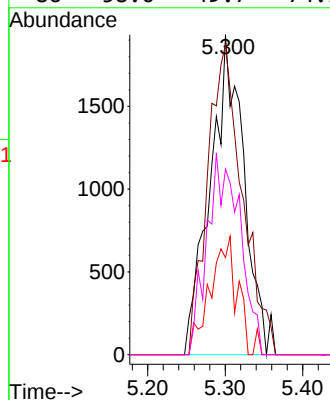
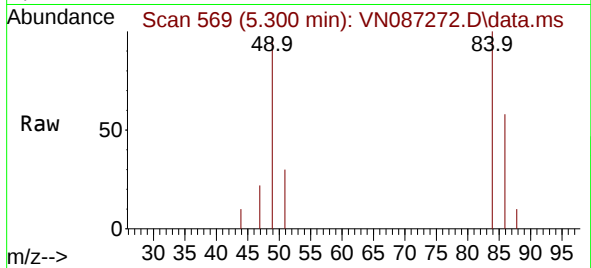




#20  
Methylene Chloride  
Concen: 2.882 ug/l  
RT: 5.300 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

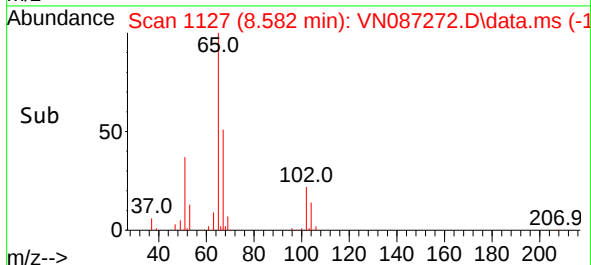
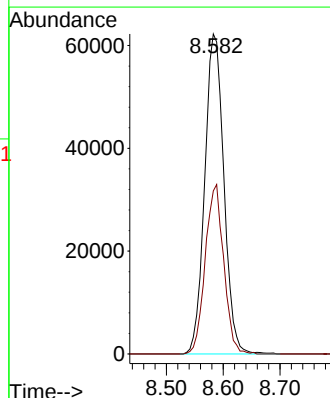
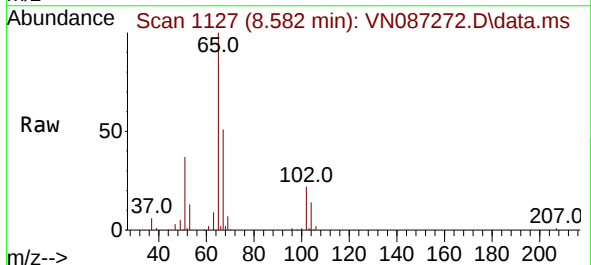
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(9)

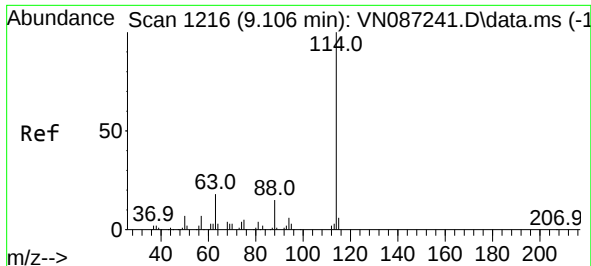
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 5843  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 96.8     | 82.1 123.1  |
| 51 30.3     | 23.5 35.3   |
| 86 58.0     | 49.7 74.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 60.850 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 145643 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 51.0     | 0.0 102.6    |

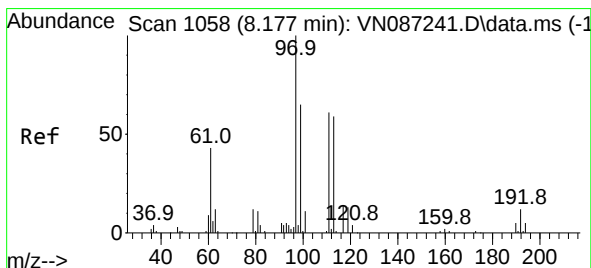
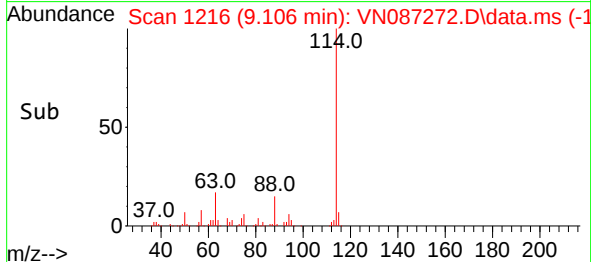
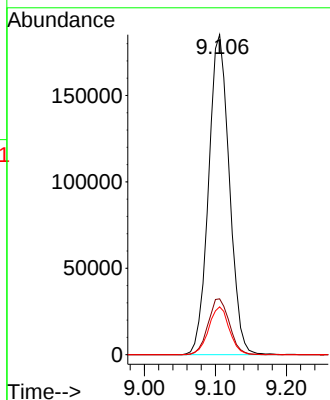
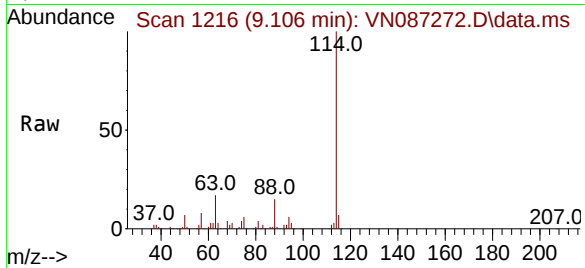




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

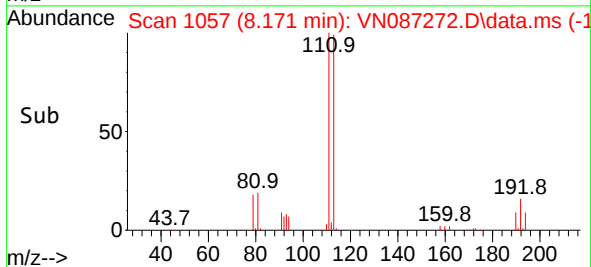
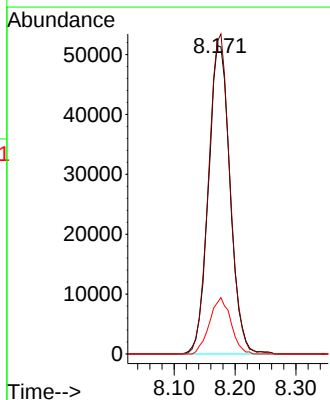
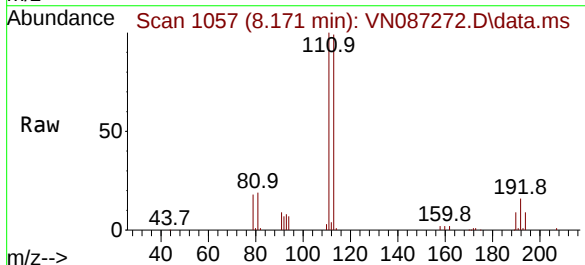
Instrument :  
MSVOA\_N  
ClientSampleId :  
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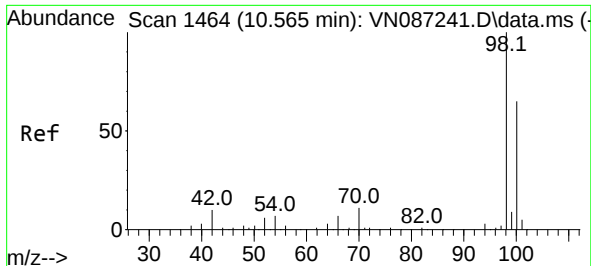
Tgt Ion:114 Resp: 375184  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 36.6  
88 14.9 0.0 29.6



#35  
Dibromofluoromethane  
Concen: 53.051 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

Tgt Ion:113 Resp: 127446  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.4 122.2  
192 18.0 15.1 22.7

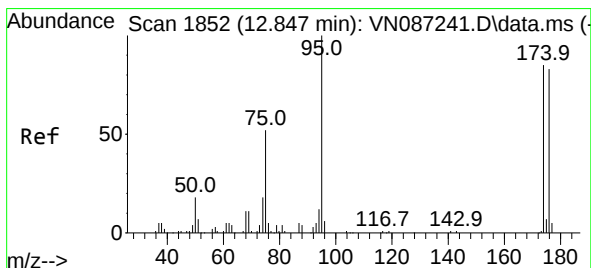
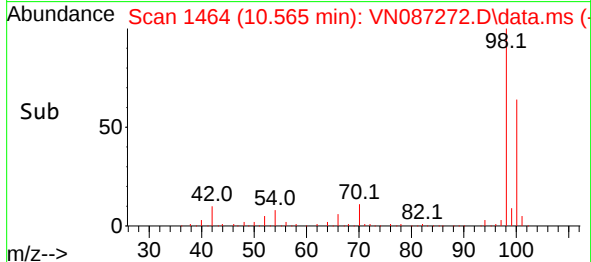
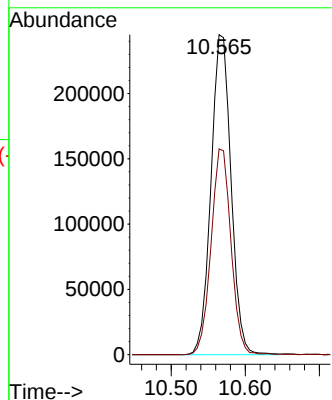
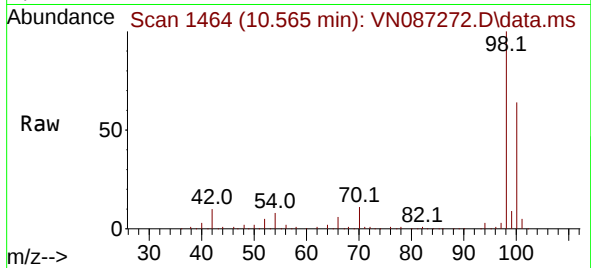




#50  
Toluene-d8  
Concen: 49.137 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

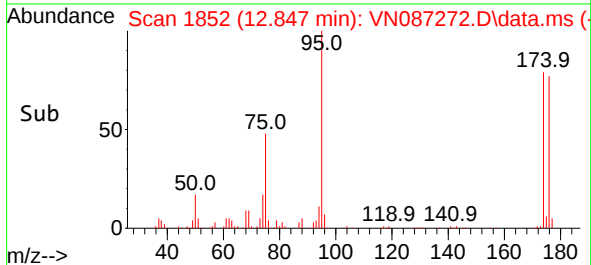
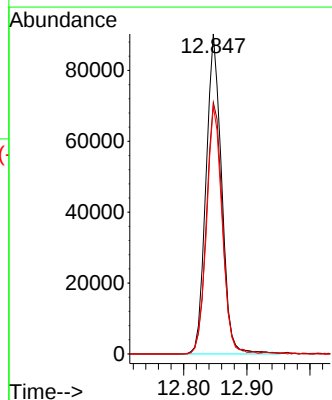
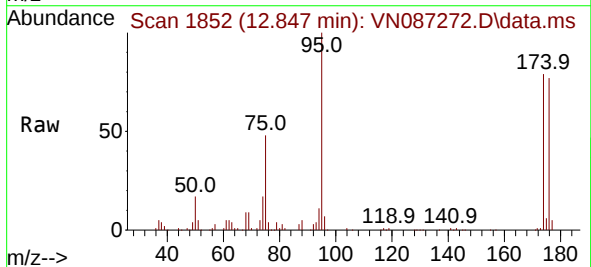
Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(9)

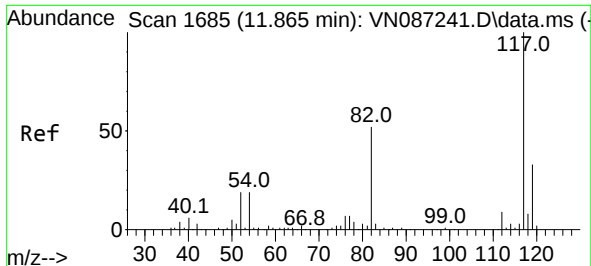
Tgt Ion: 98 Resp: 460114  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 46.421 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

Tgt Ion: 95 Resp: 154662  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 169.6  
176 77.4 0.0 161.6

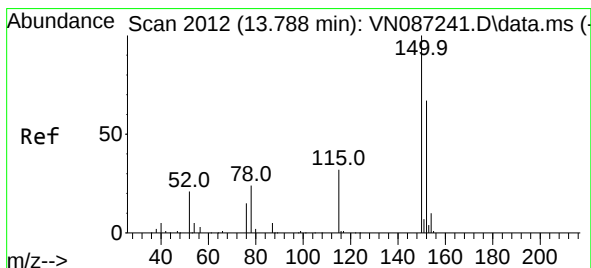
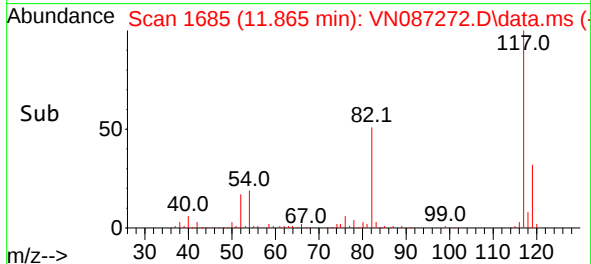
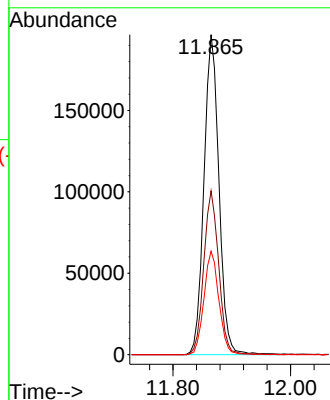
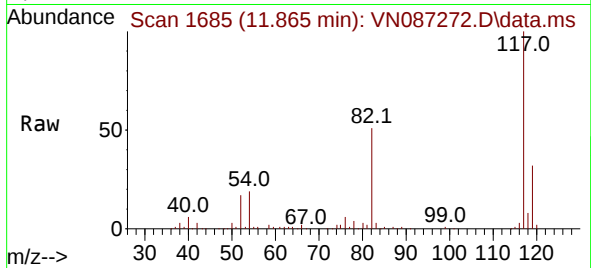




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087272.D  
Acq: 03 Jul 2025 15:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
G2(9)

Tgt Ion:117 Resp: 349211  
Ion Ratio Lower Upper  
117 100  
82 51.2 41.9 62.9  
119 32.3 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: VN087272.D  
Acq: 03 Jul 2025 15:27

Tgt Ion:152 Resp: 170569  
Ion Ratio Lower Upper  
152 100  
115 57.8 28.3 84.9  
150 155.4 0.0 344.6

