

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070325\  
 Data File : VN087275.D  
 Acq On : 03 Jul 2025 16:31  
 Operator : JC\MD  
 Sample : Q2478-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-1

Quant Time: Jul 04 01:34:19 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

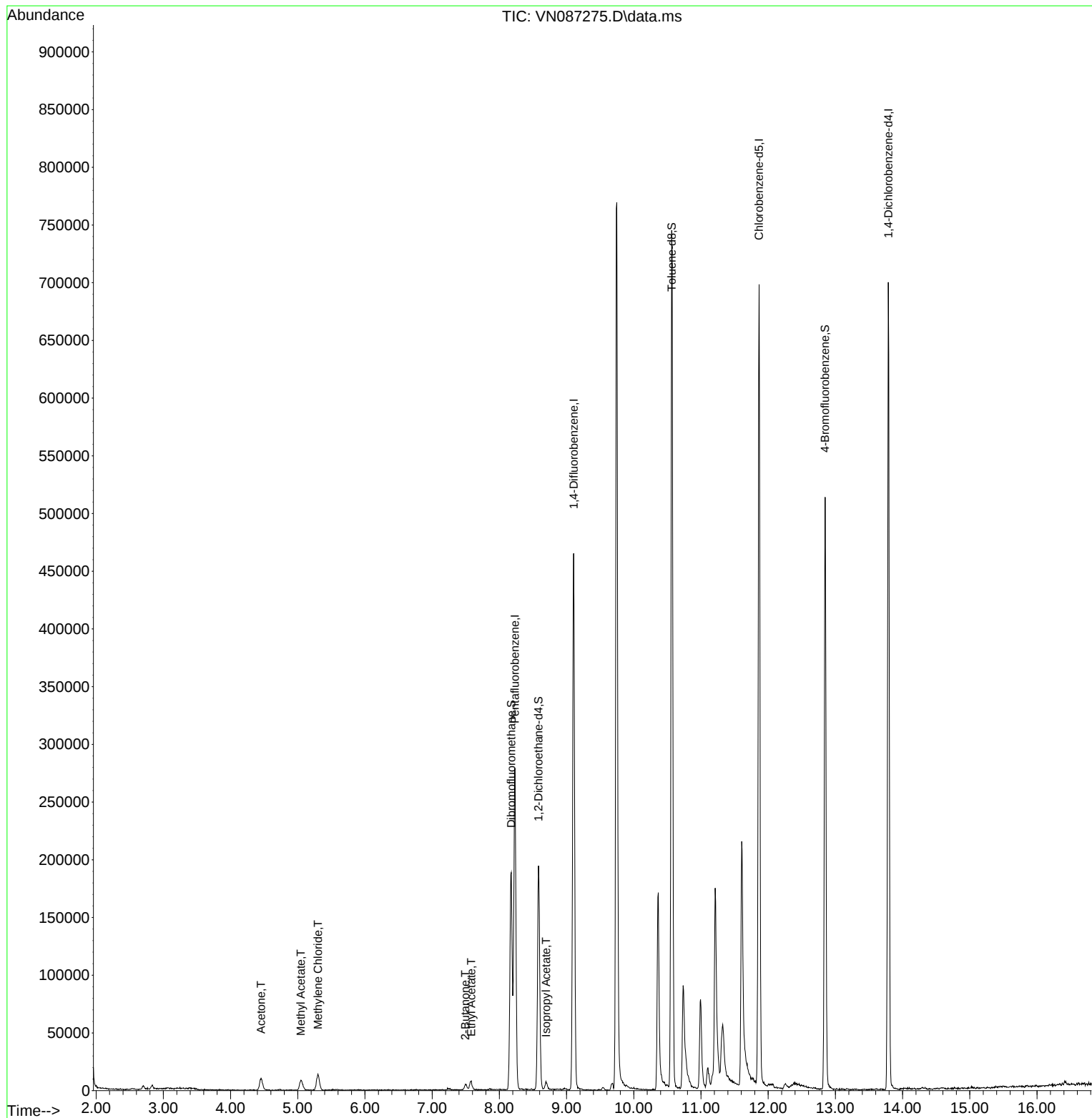
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 216235              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 423389              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 415361              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 200320              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 160962              | 59.311 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 118.620% |        |        |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 141504              | 52.196 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 104.400% |        |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 530840              | 50.236 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 100.480% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 181107              | 48.170 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 96.340%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 4.453          | 43   | 20984               | 20.224 | ug/l   | 90       |
| 18) Methyl Acetate          | 5.047          | 43   | 18803               | 7.916  | ug/l   | 100      |
| 20) Methylene Chloride      | 5.300          | 84   | 11442               | 4.978  | ug/l # | 96       |
| 25) 2-Butanone              | 7.494          | 43   | 8400                | 5.181  | ug/l # | 88       |
| 37) Ethyl Acetate           | 7.583          | 43   | 12324               | 3.110  | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.694          | 43   | 7799                | 1.269  | ug/l # | 91       |
| -----                       |                |      |                     |        |        |          |

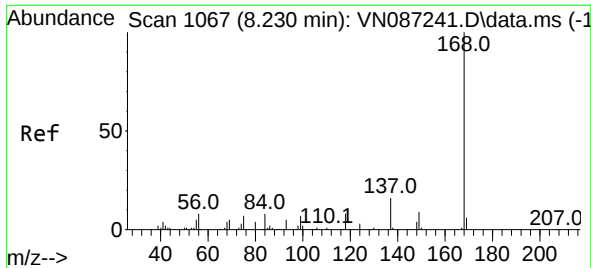
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070325\  
Data File : VN087275.D  
Acq On : 03 Jul 2025 16:31  
Operator : JC\MD  
Sample : Q2478-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

Quant Time: Jul 04 01:34:19 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

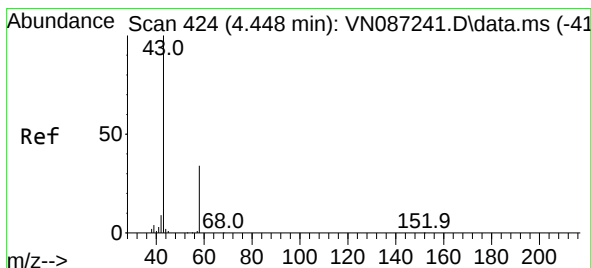
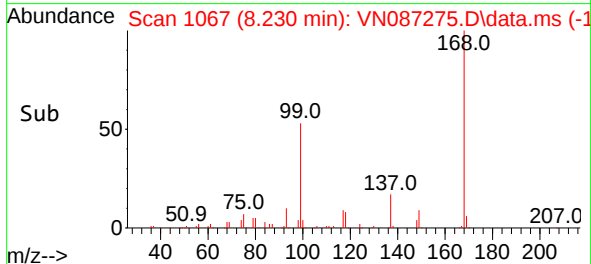
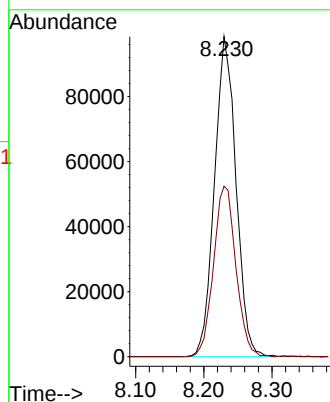
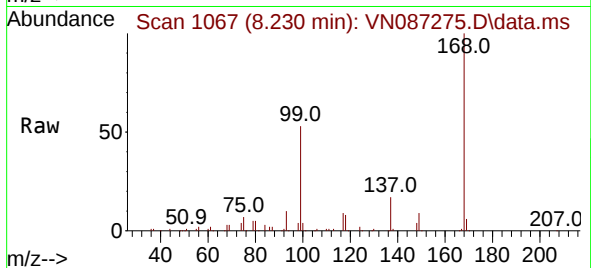




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

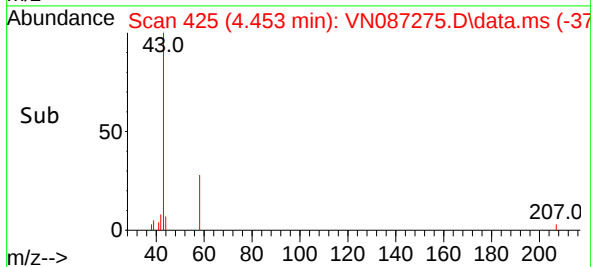
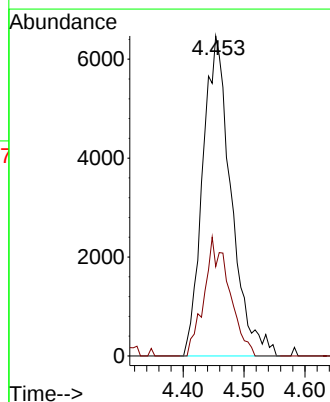
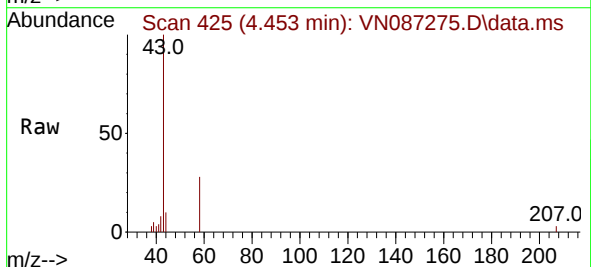
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

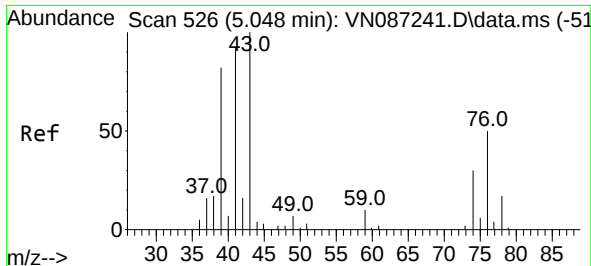
Tgt Ion:168 Resp: 216235  
Ion Ratio Lower Upper  
168 100  
99 53.3 42.6 64.0



#16  
Acetone  
Concen: 20.224 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion: 43 Resp: 20984  
Ion Ratio Lower Upper  
43 100  
58 28.0 27.1 40.7

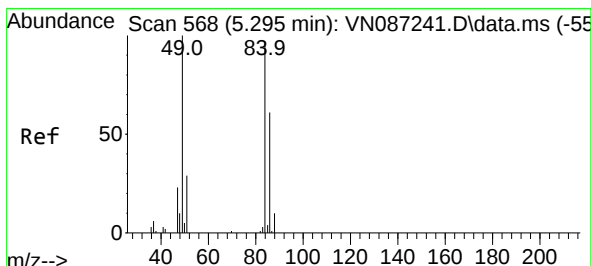
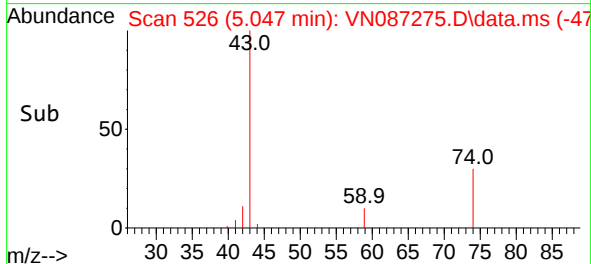
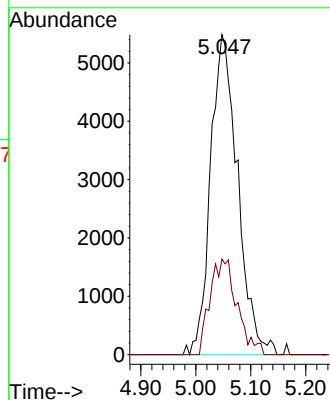
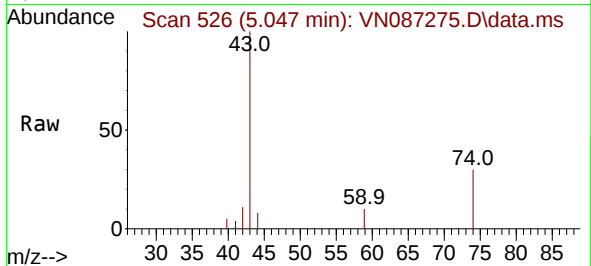




#18  
Methyl Acetate  
Concen: 7.916 ug/l  
RT: 5.047 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

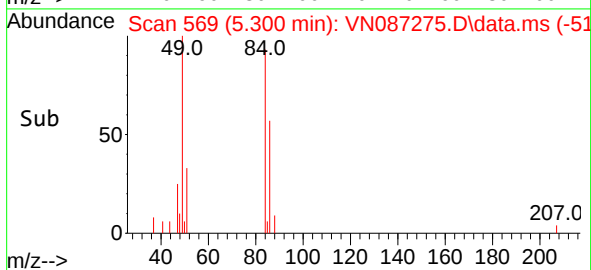
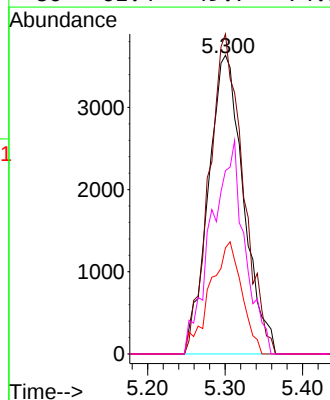
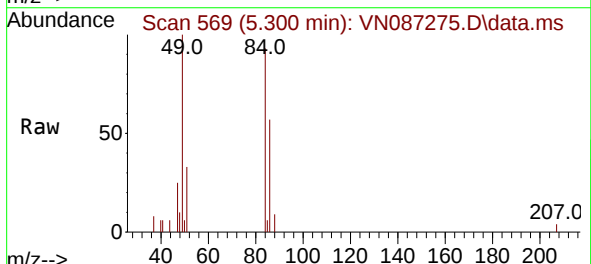
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

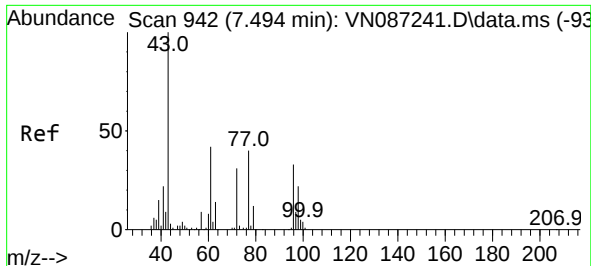
Tgt Ion: 43 Resp: 18803  
Ion Ratio Lower Upper  
43 100  
74 29.8 23.8 35.6



#20  
Methylene Chloride  
Concen: 4.978 ug/l  
RT: 5.300 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion: 84 Resp: 11442  
Ion Ratio Lower Upper  
84 100  
49 107.1 82.1 123.1  
51 35.6 23.5 35.3#  
86 61.4 49.7 74.5

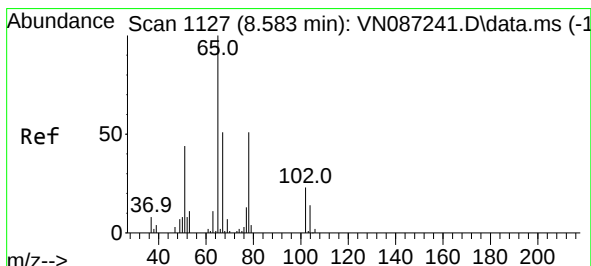
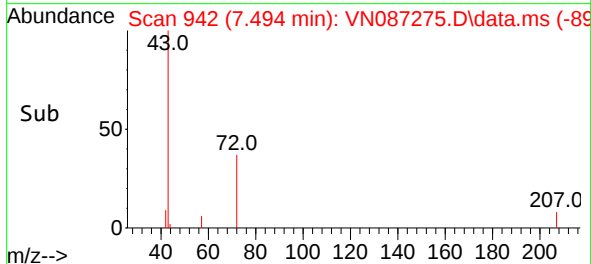
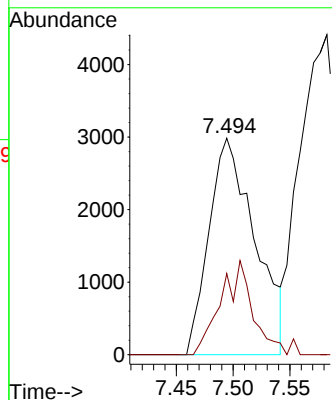
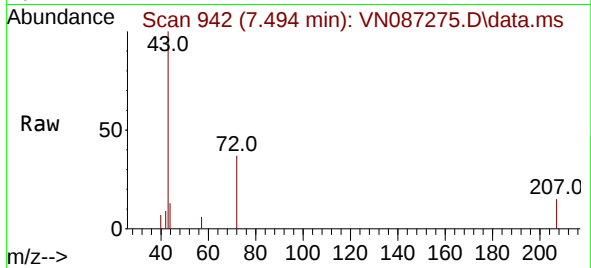




#25  
2-Butanone  
Concen: 5.181 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

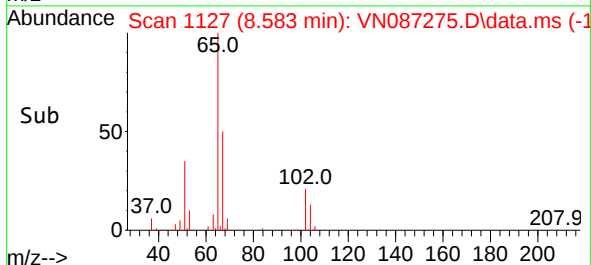
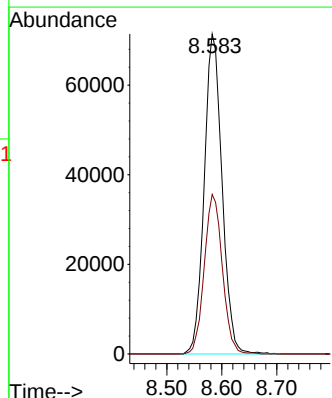
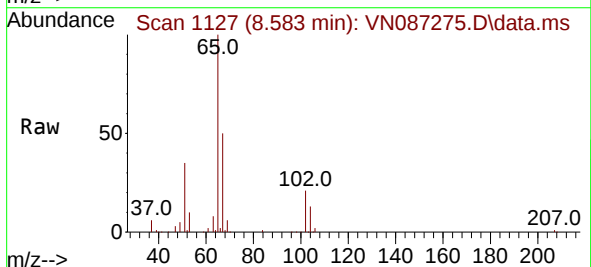
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

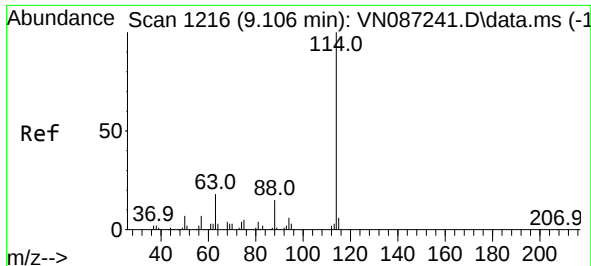
Tgt Ion: 43 Resp: 8400  
Ion Ratio Lower Upper  
43 100  
72 37.5 24.8 37.2#



#33  
1,2-Dichloroethane-d4  
Concen: 59.311 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion: 65 Resp: 160962  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 102.6

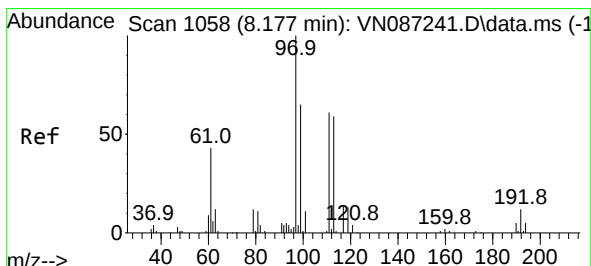
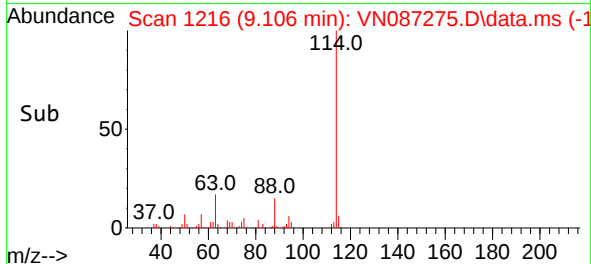
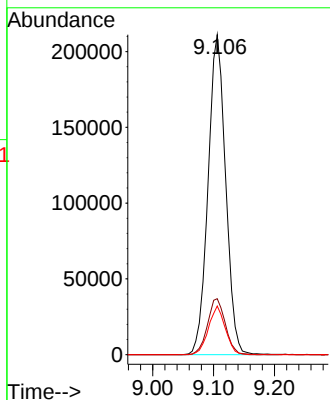
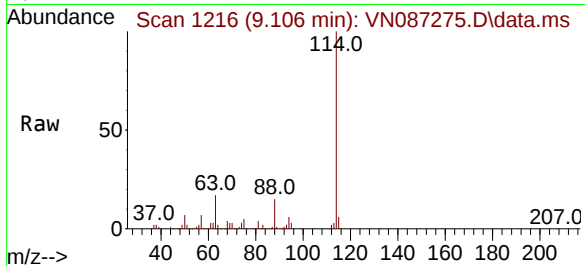




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

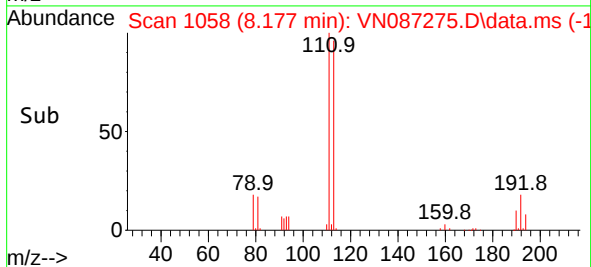
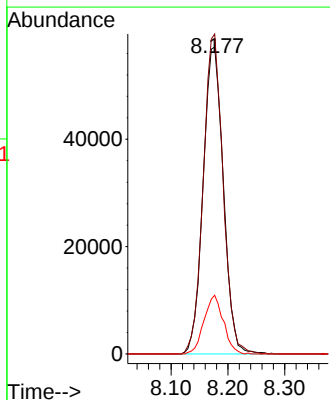
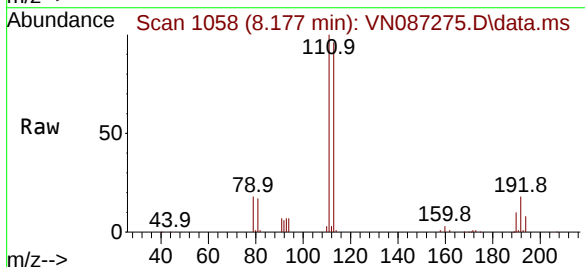
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

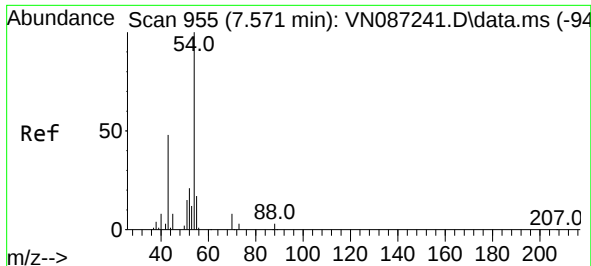
Tgt Ion:114 Resp: 423389  
Ion Ratio Lower Upper  
114 100  
63 17.5 0.0 36.6  
88 15.2 0.0 29.6



#35  
Dibromofluoromethane  
Concen: 52.196 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion:113 Resp: 141504  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.4 122.2  
192 18.3 15.1 22.7

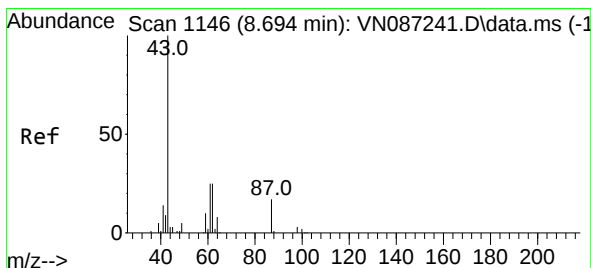
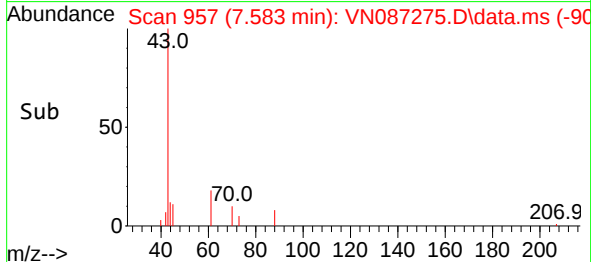
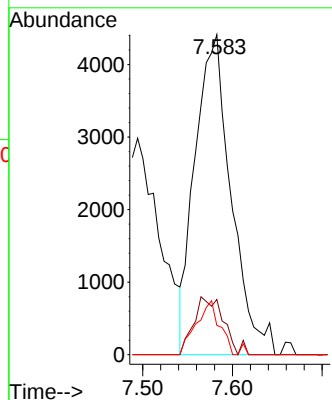
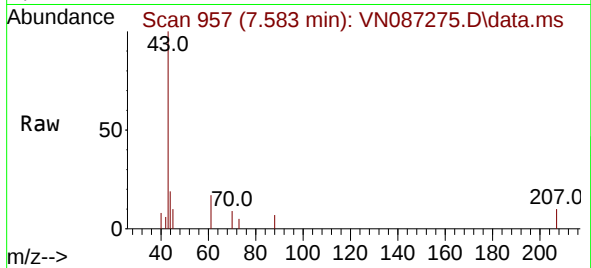




#37  
Ethyl Acetate  
Concen: 3.110 ug/l  
RT: 7.583 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

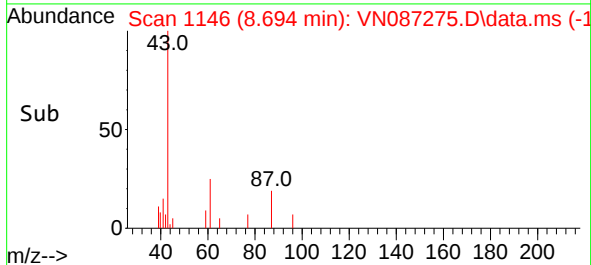
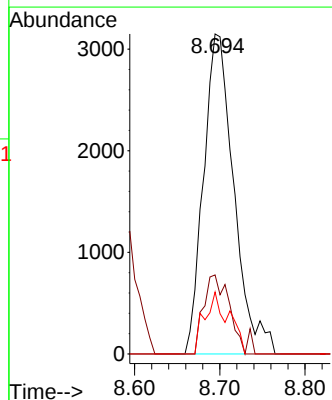
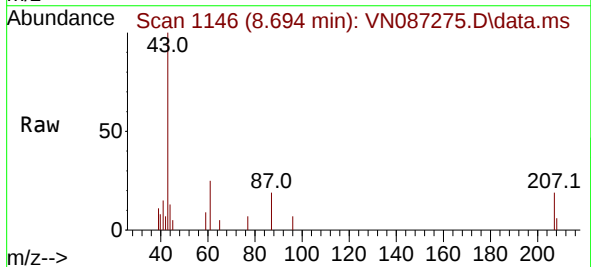
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

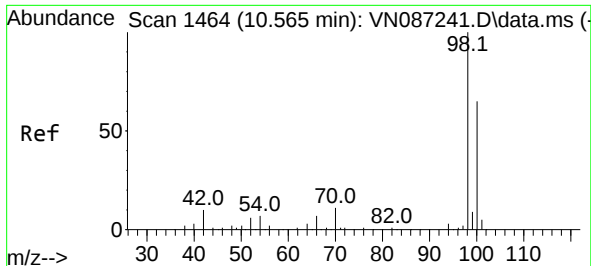
Tgt Ion: 43 Resp: 12324  
Ion Ratio Lower Upper  
43 100  
61 14.4 11.3 16.9  
70 11.0 9.9 14.9



#43  
Isopropyl Acetate  
Concen: 1.269 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion: 43 Resp: 7799  
Ion Ratio Lower Upper  
43 100  
61 20.7 22.4 33.6#  
87 15.4 12.8 19.2

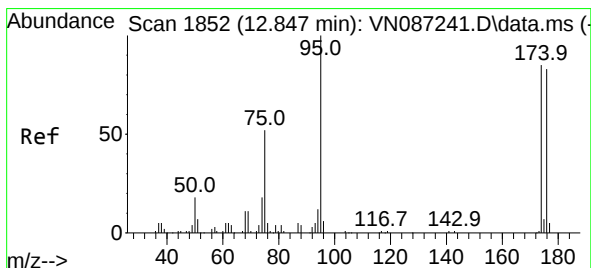
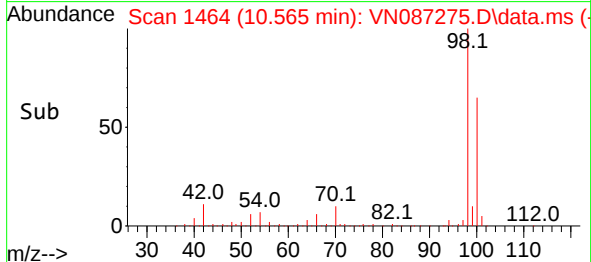
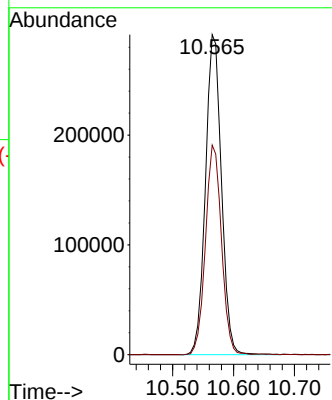
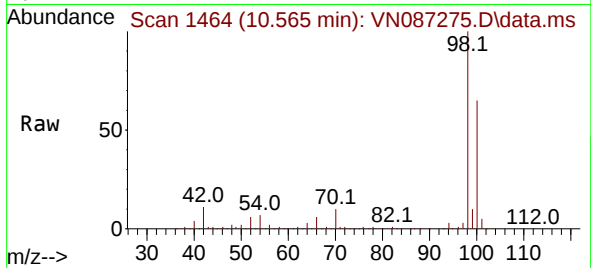




#50  
Toluene-d8  
Concen: 50.236 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

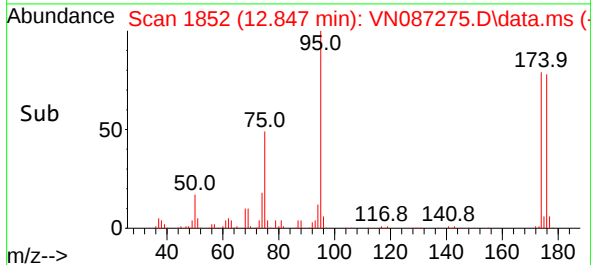
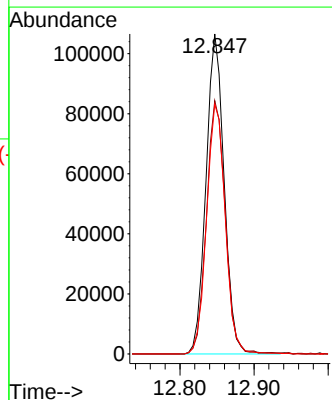
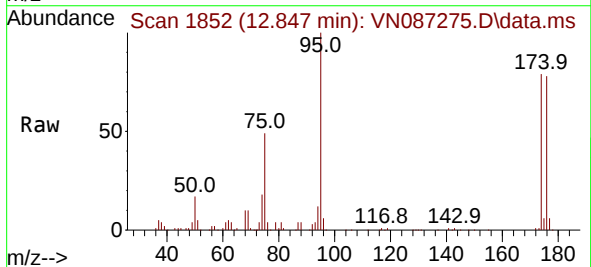
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

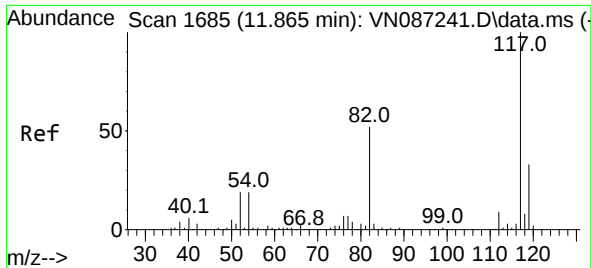
Tgt Ion: 98 Resp: 530840  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 48.170 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion: 95 Resp: 181107  
Ion Ratio Lower Upper  
95 100  
174 81.9 0.0 169.6  
176 80.2 0.0 161.6

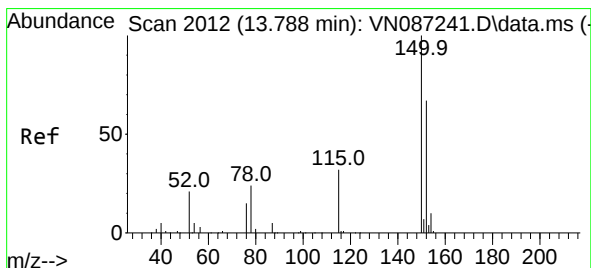
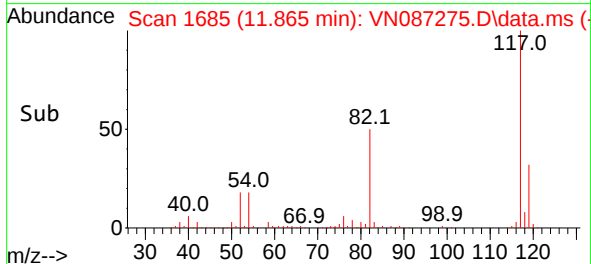
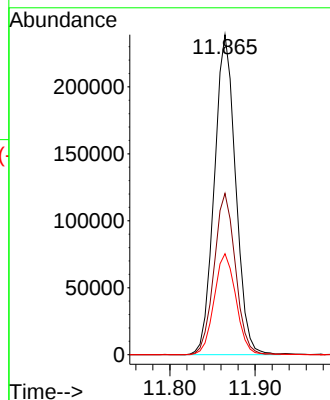
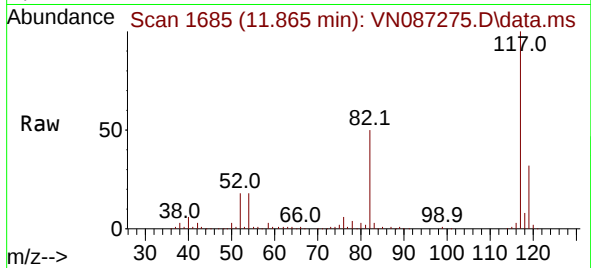




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087275.D  
Acq: 03 Jul 2025 16:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

Tgt Ion:117 Resp: 415361  
Ion Ratio Lower Upper  
117 100  
82 50.4 41.9 62.9  
119 31.5 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: VN087275.D  
Acq: 03 Jul 2025 16:31

Tgt Ion:152 Resp: 200320  
Ion Ratio Lower Upper  
152 100  
115 57.7 28.3 84.9  
150 158.2 0.0 344.6

