

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081425\  
 Data File : VN087566.D  
 Acq On : 14 Aug 2025 15:20  
 Operator : JC\MD  
 Sample : Q2842-01 40X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025

Quant Time: Aug 14 15:39:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 17 02:56:13 2025  
 Response via : Initial Calibration

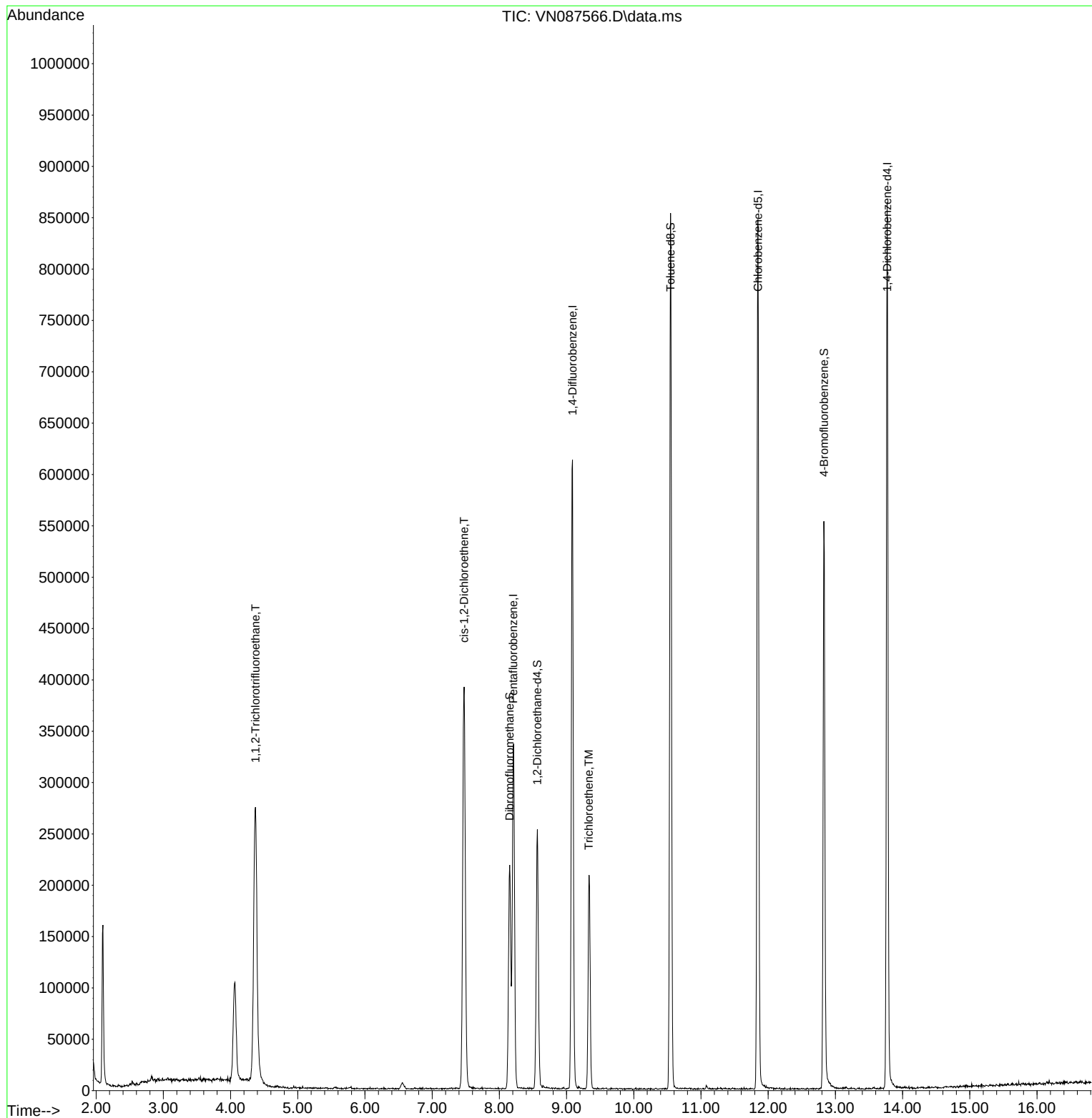
| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.206  | 168   | 225616   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.088  | 114   | 494400   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.847 | 117   | 459245   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.770 | 152   | 213548   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.565  | 65    | 205410   | 53.657   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 107.320% |          |
| 35) Dibromofluoromethane     | 8.153  | 113   | 155257   | 45.525   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 91.040%  |          |
| 50) Toluene-d8               | 10.547 | 98    | 555821   | 45.689   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 91.380%  |          |
| 62) 4-Bromofluorobenzene     | 12.829 | 95    | 197243   | 43.886   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 87.780%  |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 188722   | 83.020   | ug/l       | 95       |
| 27) cis-1,2-Dichloroethene   | 7.477  | 96    | 234562   | 70.144   | ug/l       | 91       |
| 44) Trichloroethene          | 9.329  | 130   | 69531    | 20.207   | ug/l       | 99       |
| -----                        |        |       |          |          |            |          |

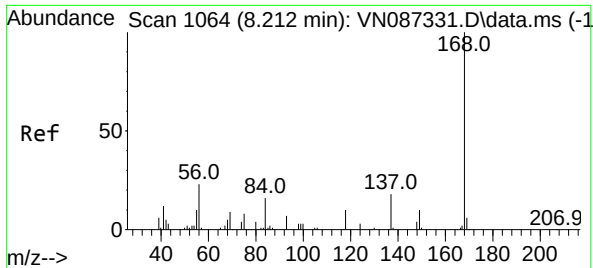
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081425\  
Data File : VN087566.D  
Acq On : 14 Aug 2025 15:20  
Operator : JC\MD  
Sample : Q2842-01 40X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

Quant Time: Aug 14 15:39:17 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 17 02:56:13 2025  
Response via : Initial Calibration

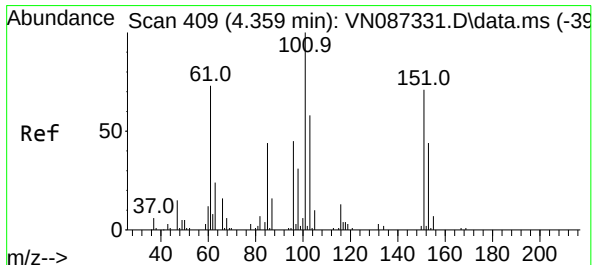
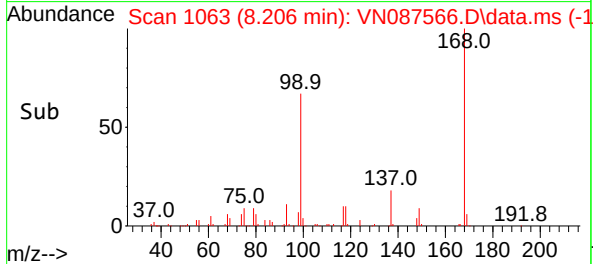
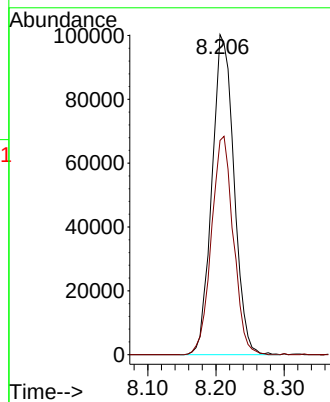
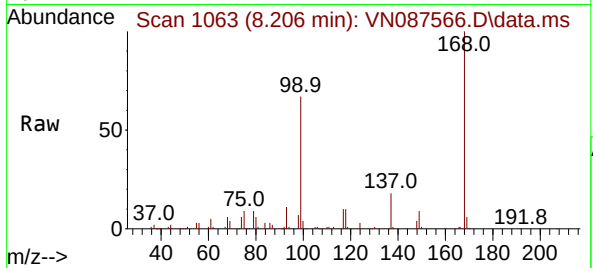




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.006 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

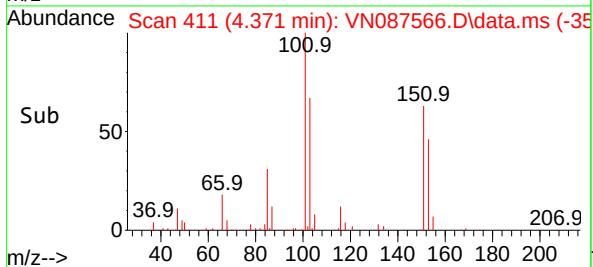
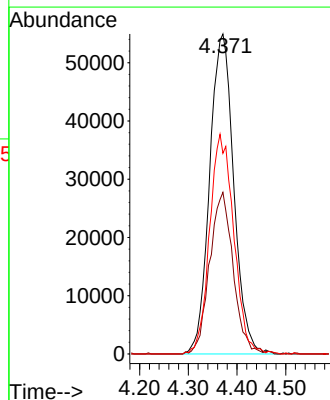
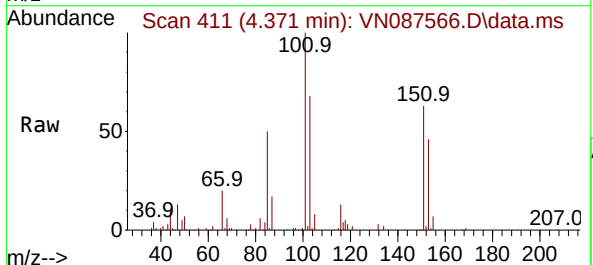
Instrument :  
MSVOA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

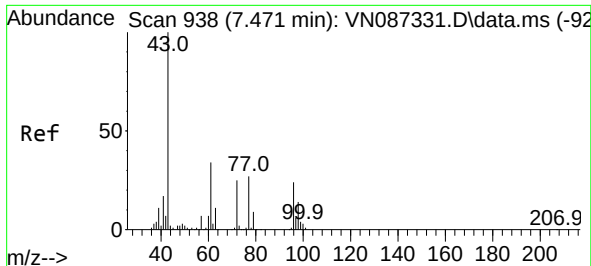
Tgt Ion:168 Resp: 225616  
Ion Ratio Lower Upper  
168 100  
99 66.9 47.9 71.9



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 83.020 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

Tgt Ion:101 Resp: 188722  
Ion Ratio Lower Upper  
101 100  
85 49.1 37.3 55.9  
151 68.6 58.9 88.3

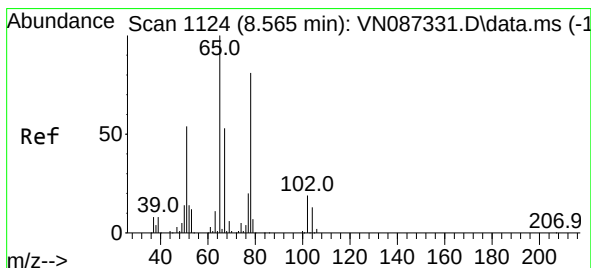
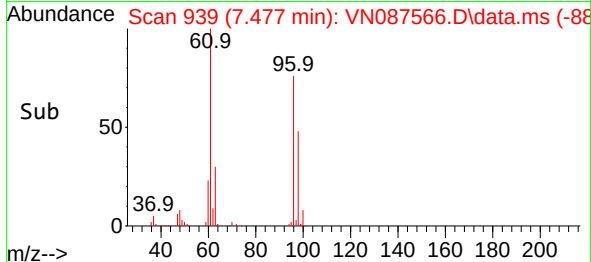
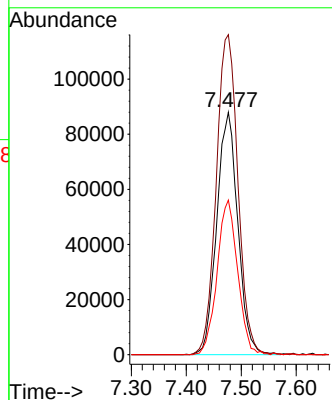
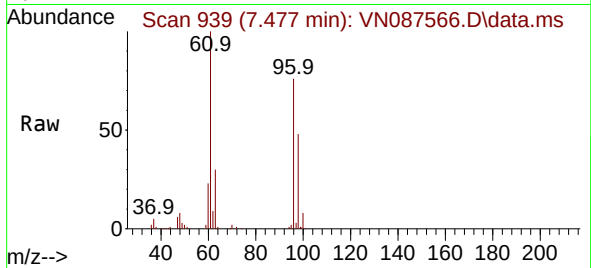




#27  
 cis-1,2-Dichloroethene  
 Concen: 70.144 ug/l  
 RT: 7.477 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN087566.D  
 Acq: 14 Aug 2025 15:20

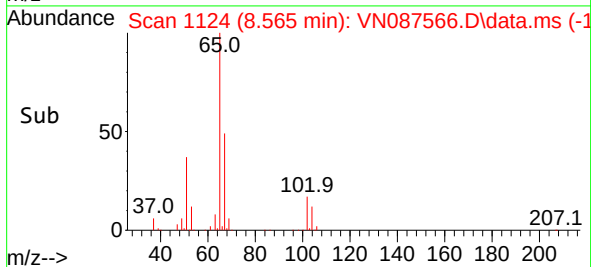
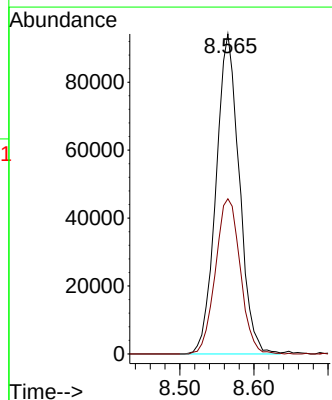
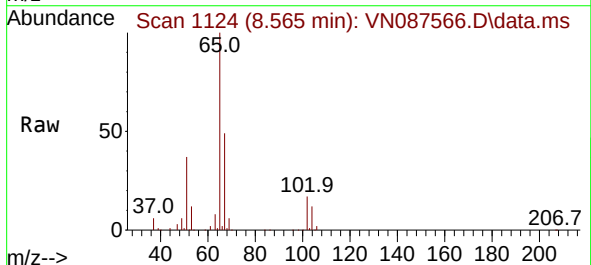
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025

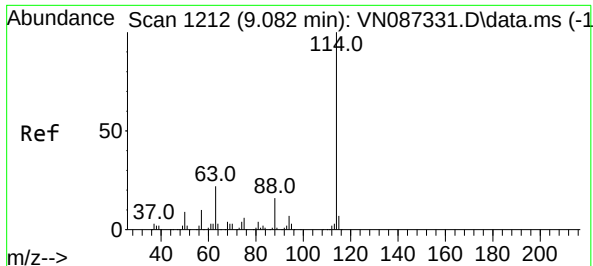
Tgt Ion: 96 Resp: 234562  
 Ion Ratio Lower Upper  
 96 100  
 61 135.3 0.0 297.8  
 98 62.2 0.0 132.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.657 ug/l  
 RT: 8.565 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: VN087566.D  
 Acq: 14 Aug 2025 15:20

Tgt Ion: 65 Resp: 205410  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087566.D

Acq: 14 Aug 2025 15:20

Instrument :

MSVOA\_N

ClientSampleId :

RMW-03B-90.4-08122025

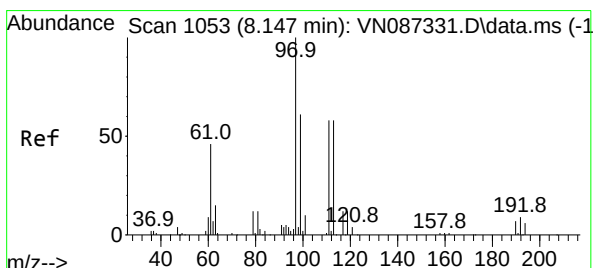
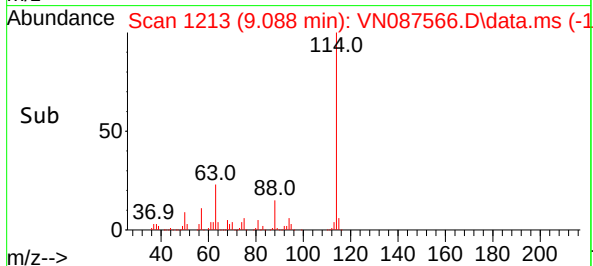
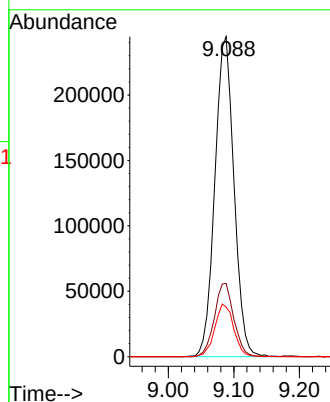
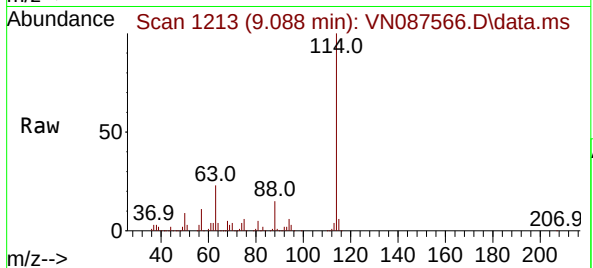
Tgt Ion:114 Resp: 494400

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.525 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087566.D

Acq: 14 Aug 2025 15:20

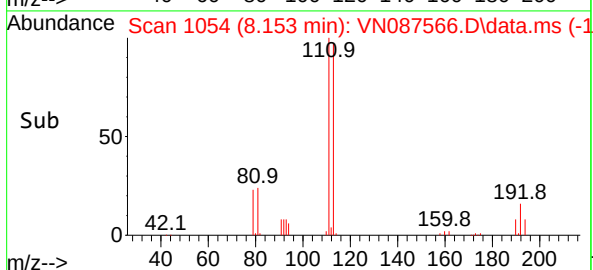
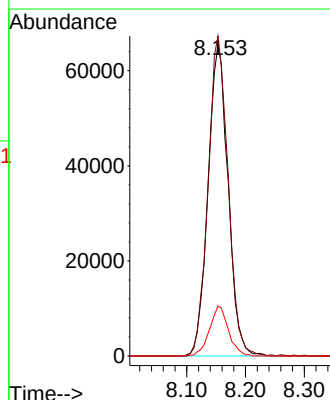
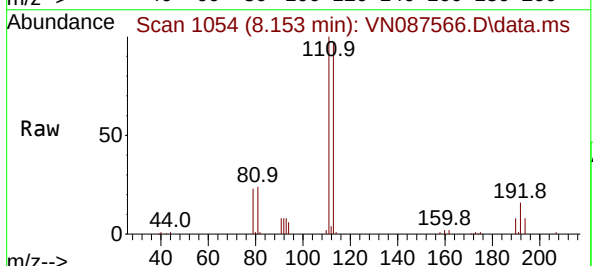
Tgt Ion:113 Resp: 155257

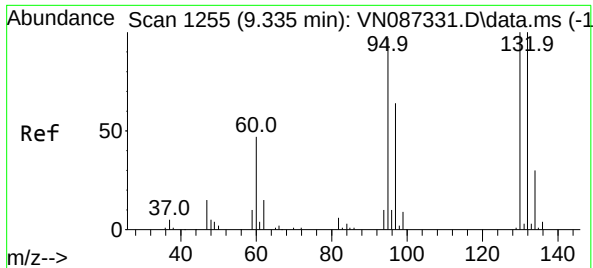
Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 15.1 13.7 20.5

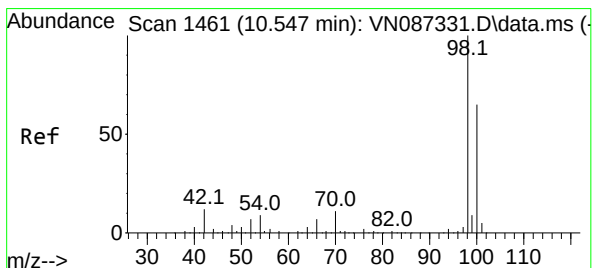
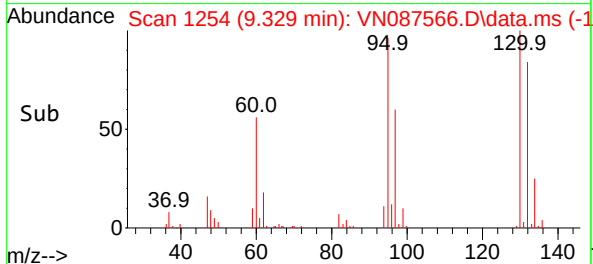
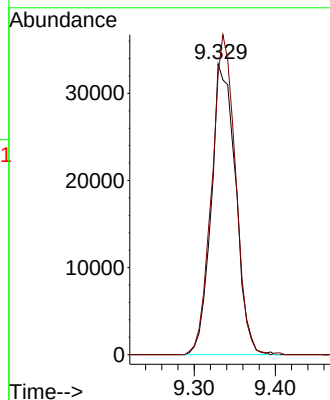
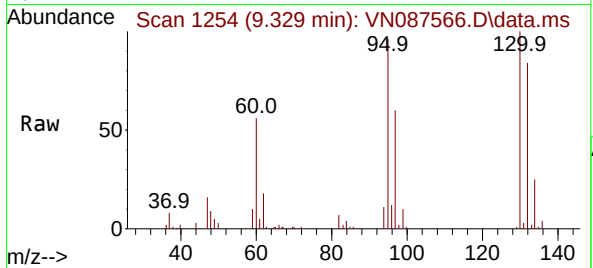




#44  
Trichloroethene  
Concen: 20.207 ug/l  
RT: 9.329 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

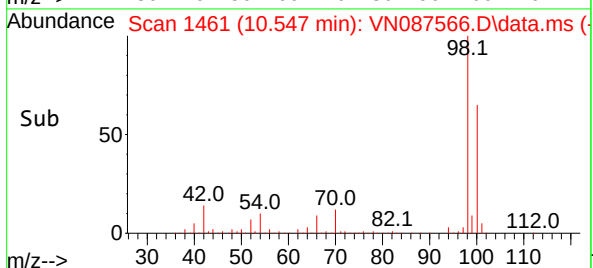
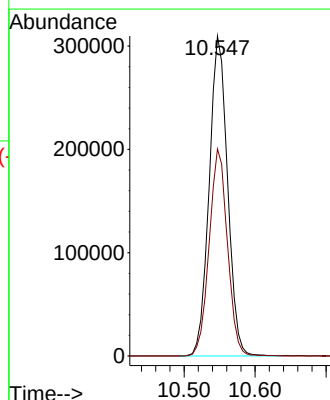
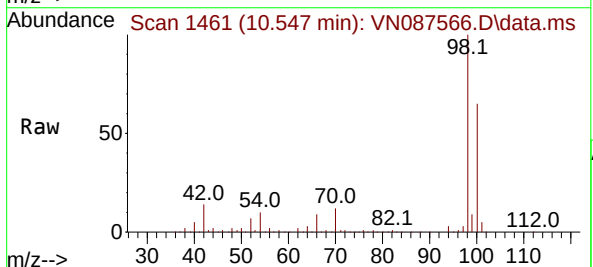
Instrument :  
MSVOA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

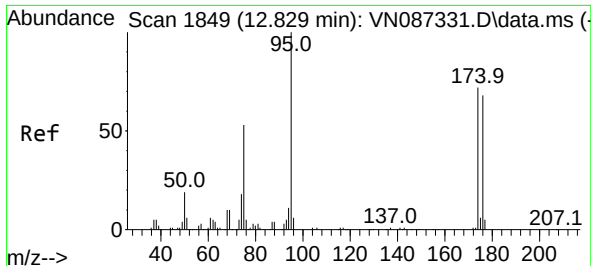
Tgt Ion:130 Resp: 69531  
Ion Ratio Lower Upper  
130 100  
95 96.4 0.0 195.2



#50  
Toluene-d8  
Concen: 45.689 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

Tgt Ion: 98 Resp: 555821  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.1 78.1

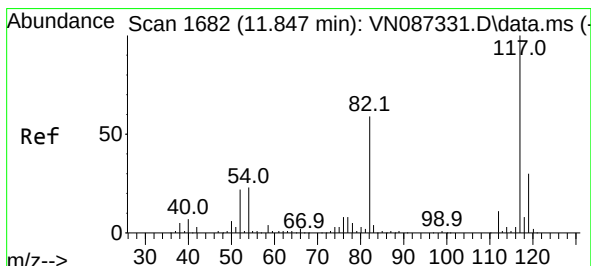
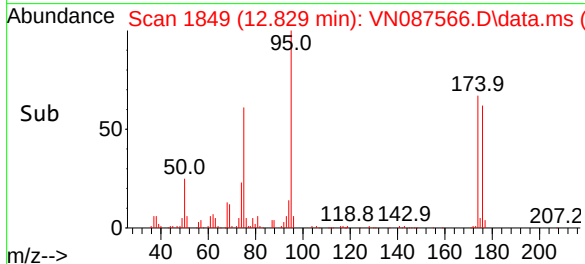
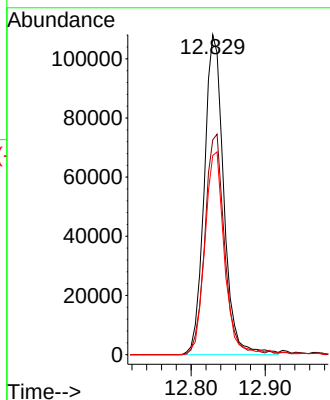
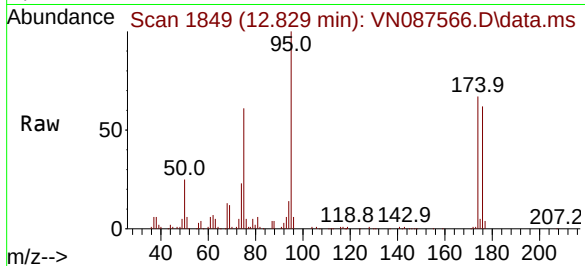




#62  
4-Bromofluorobenzene  
Concen: 43.886 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

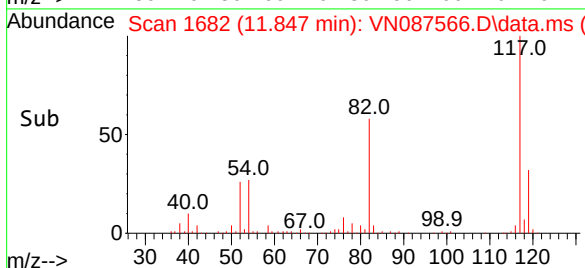
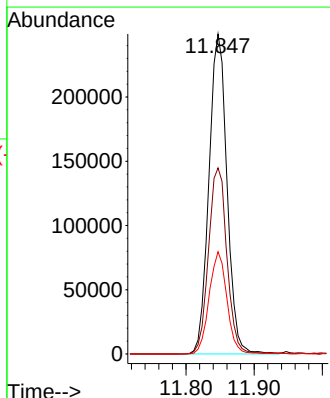
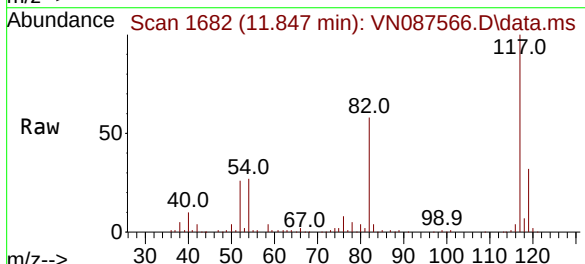
Instrument :  
MSVOA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

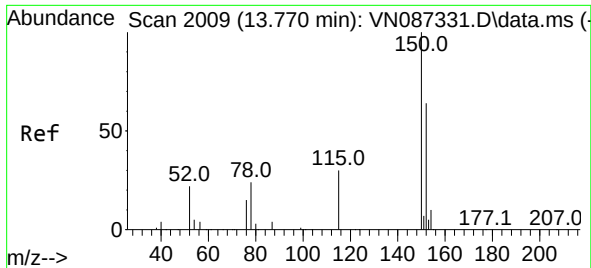
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 197243 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 69.3  | 0.0   | 149.4  |
| 176      | 64.4  | 0.0   | 141.2  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

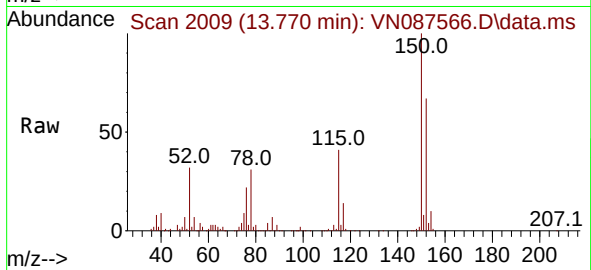
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 459245 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.2  | 47.4  | 71.2   |
| 119      | 32.0  | 23.8  | 35.8   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN087566.D  
Acq: 14 Aug 2025 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025



Tgt Ion:152 Resp: 213548  
Ion Ratio Lower Upper  
152 100  
115 63.6 31.1 93.5  
150 154.0 0.0 349.0

