

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061625\  
 Data File : VN087027.D  
 Acq On : 16 Jun 2025 13:47  
 Operator : JC\MD  
 Sample : Q2299-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01S-20250609

Quant Time: Jun 17 07:22:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

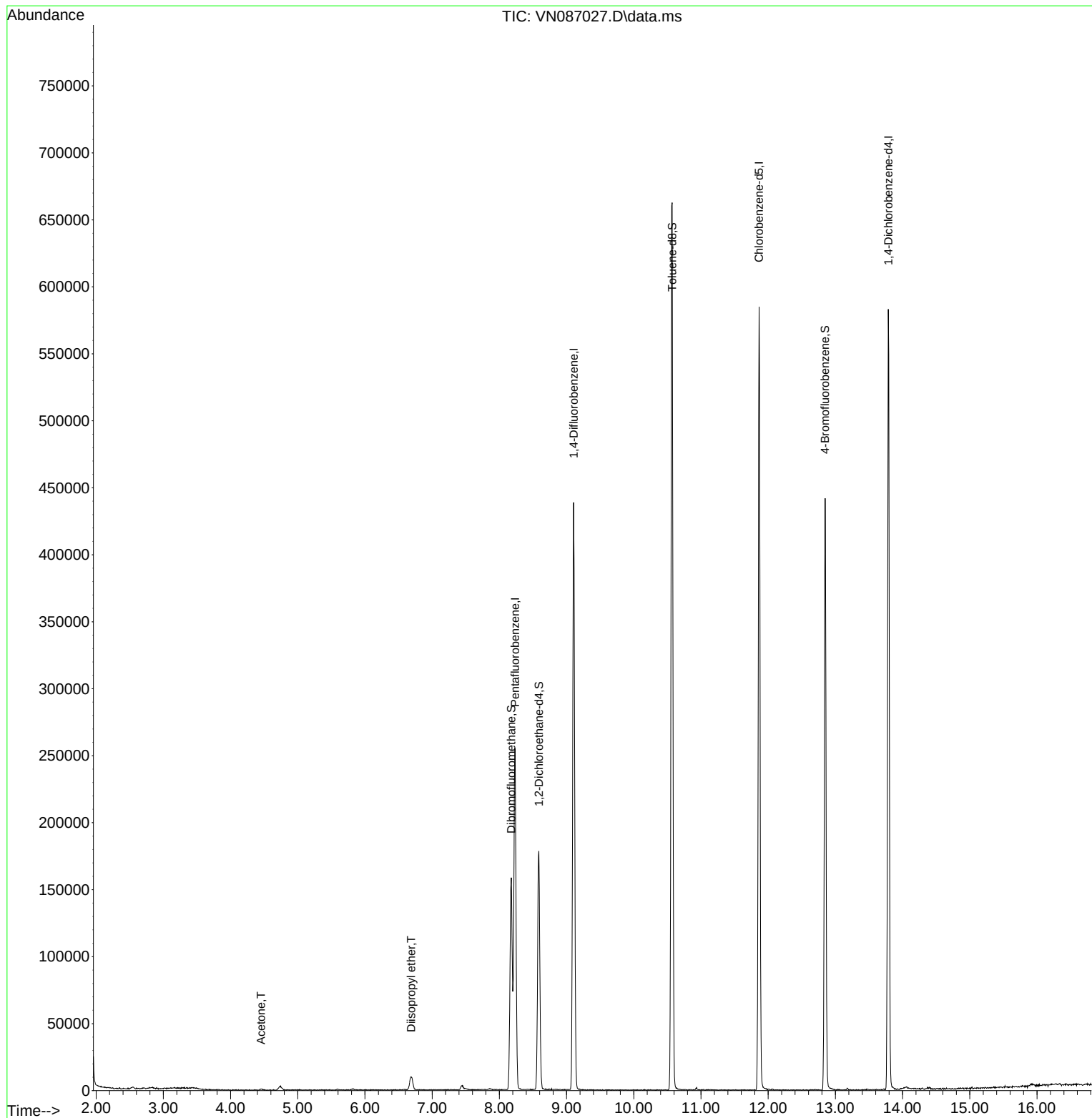
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.235          | 168  | 204665              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 406666              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 371678              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 176246              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 146180              | 53.346 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 106.700% |        |       |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 124238              | 51.551 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 103.100% |        |       |          |
| 50) Toluene-d8              | 10.570         | 98   | 500154              | 52.424 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 104.840% |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 179098              | 50.527 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 101.060% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 4.453          | 43   | 1511                | 1.040  | ug/l  | 95       |
| 22) Diisopropyl ether       | 6.688          | 45   | 14449               | 1.814  | ug/l  | 96       |
| -----                       |                |      |                     |        |       |          |

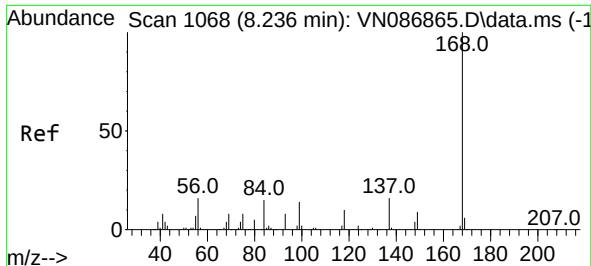
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

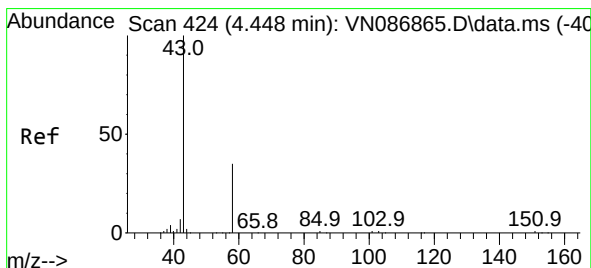
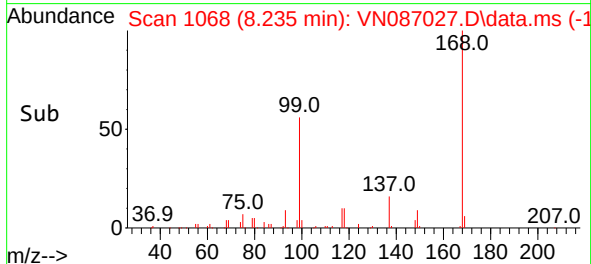
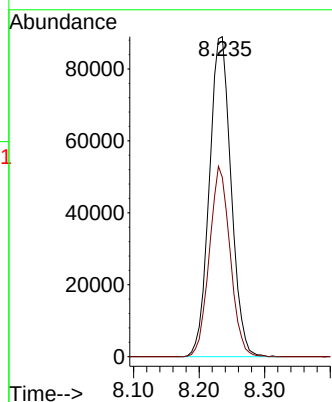
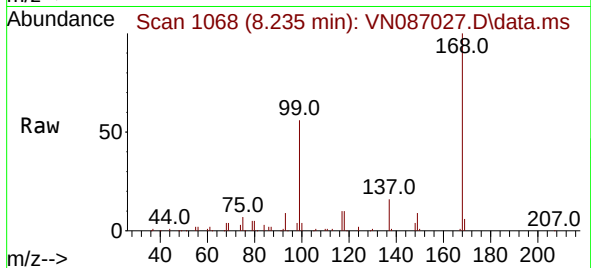




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.001 min  
Lab File: VN087027.D  
Acq: 16 Jun 2025 13:47

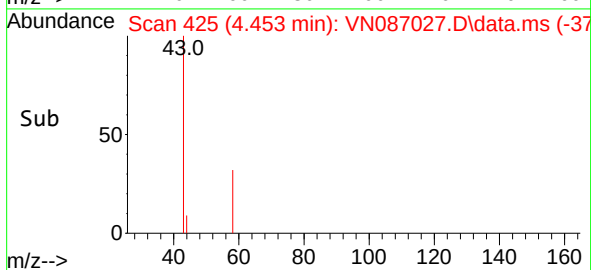
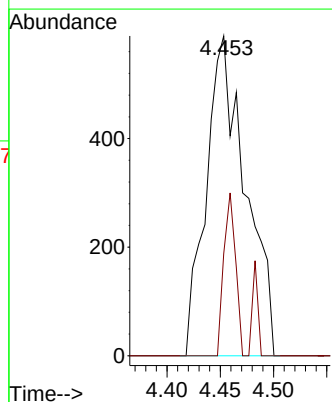
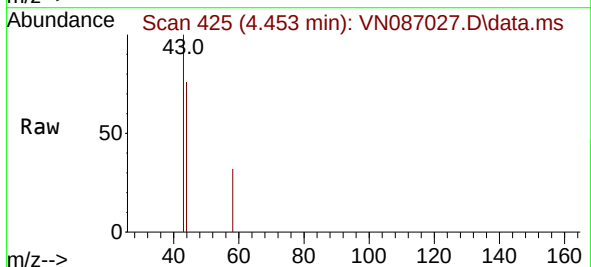
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01S-20250609

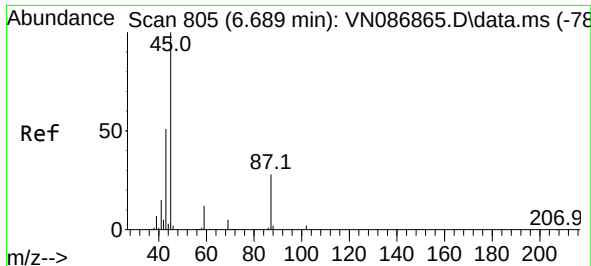
Tgt Ion:168 Resp: 204665  
Ion Ratio Lower Upper  
168 100  
99 56.0 49.1 73.7



#16  
Acetone  
Concen: 1.040 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN087027.D  
Acq: 16 Jun 2025 13:47

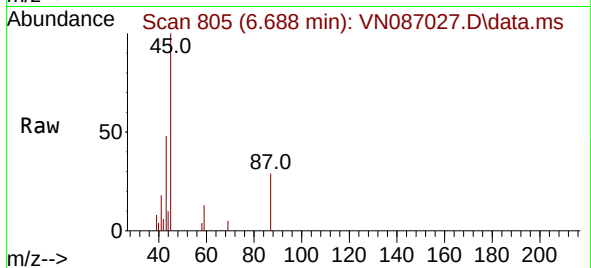
Tgt Ion: 43 Resp: 1511  
Ion Ratio Lower Upper  
43 100  
58 31.9 28.0 42.0



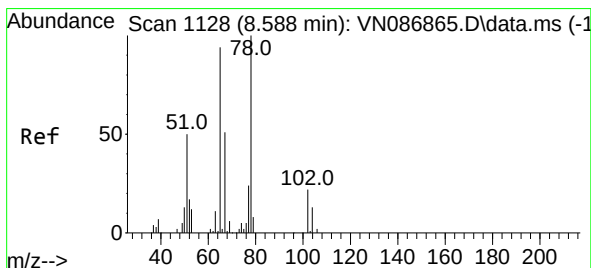
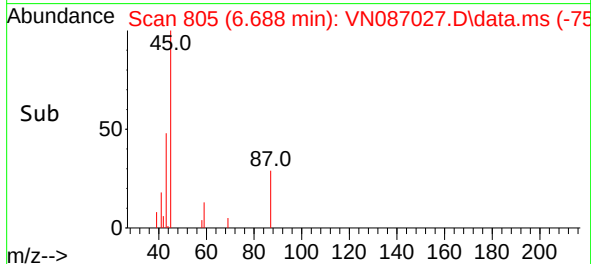
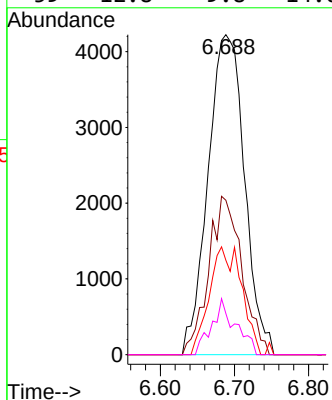


#22  
Diisopropyl ether  
Concen: 1.814 ug/l  
RT: 6.688 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: VN087027.D  
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Instrument :  
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ClientSampleId :  
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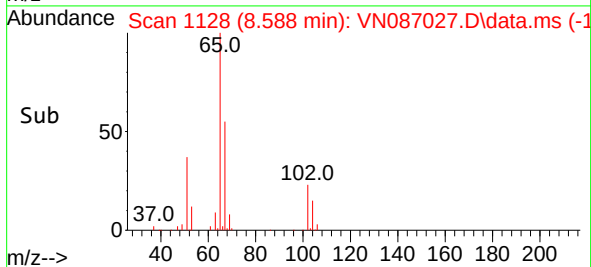
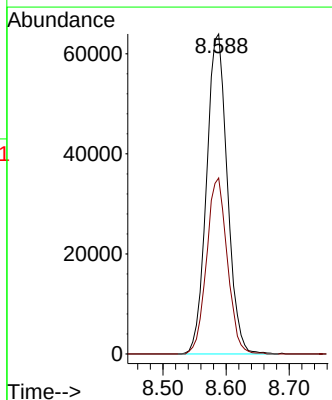
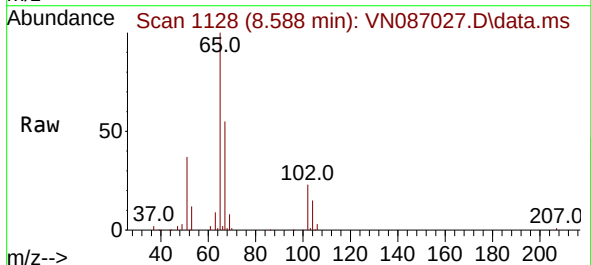


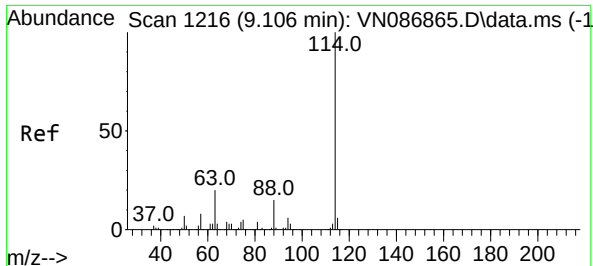
|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 14449 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 43 48.2     | 41.9 62.9   |
| 87 29.5     | 22.4 33.6   |
| 59 12.8     | 9.8 14.6    |



#33  
1,2-Dichloroethane-d4  
Concen: 53.346 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087027.D  
Acq: 16 Jun 2025 13:47

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 146180 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 54.9     | 0.0 105.6    |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087027.D

Acq: 16 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01S-20250609

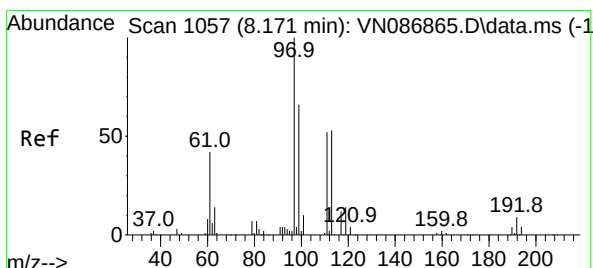
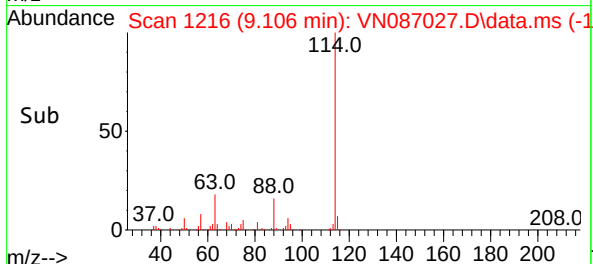
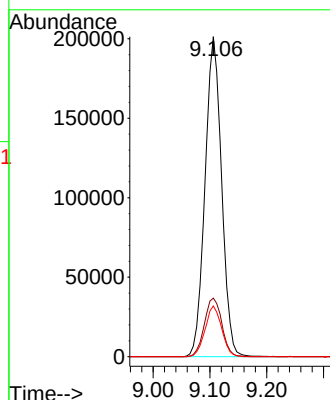
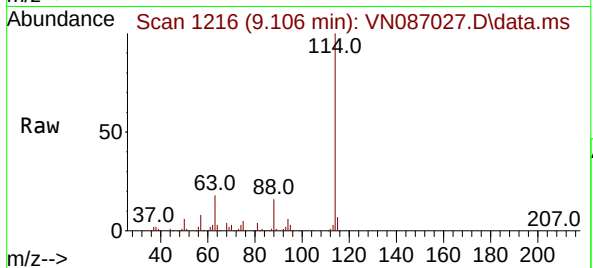
Tgt Ion:114 Resp: 406666

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.551 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087027.D

Acq: 16 Jun 2025 13:47

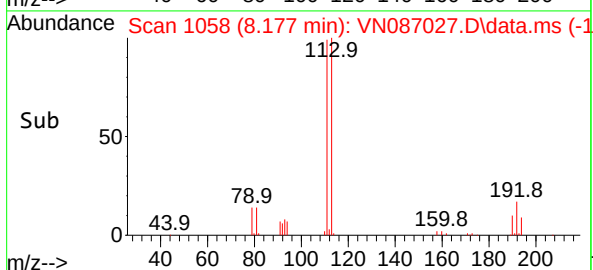
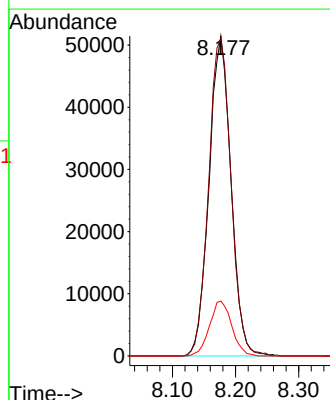
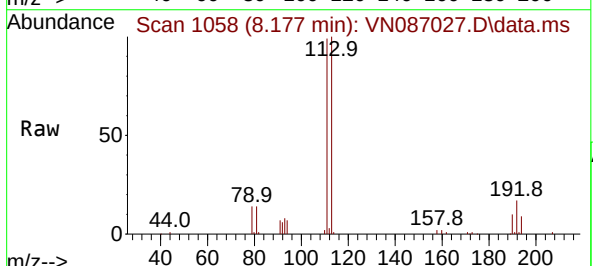
Tgt Ion:113 Resp: 124238

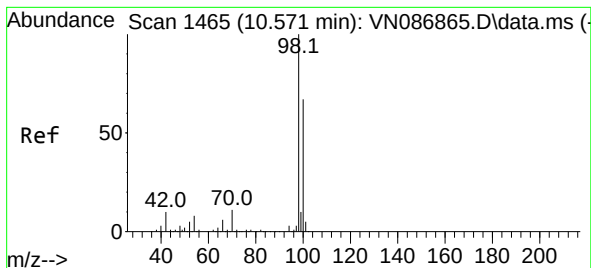
Ion Ratio Lower Upper

113 100

111 101.4 84.2 126.2

192 17.4 14.2 21.4





#50

Toluene-d8

Concen: 52.424 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087027.D

Acq: 16 Jun 2025 13:47

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ClientSampleId :

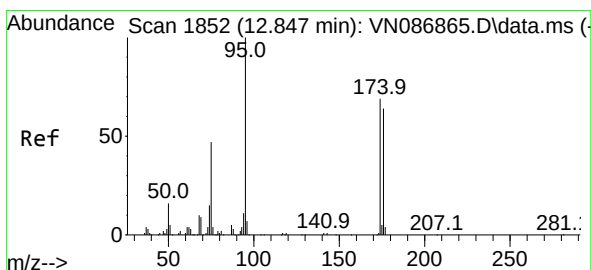
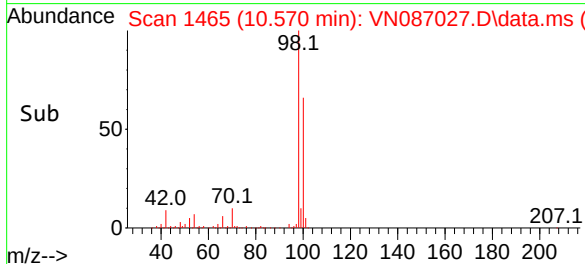
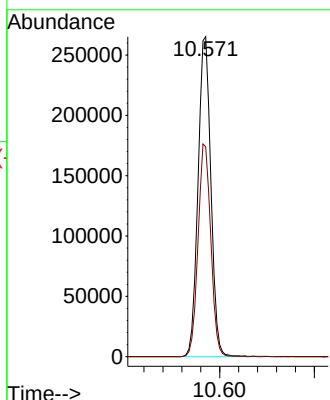
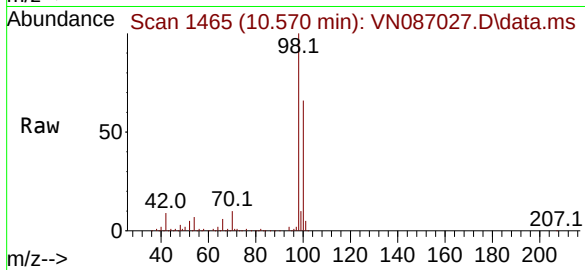
RW10A-MW01S-20250609

Tgt Ion: 98 Resp: 500154

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN087027.D

Acq: 16 Jun 2025 13:47

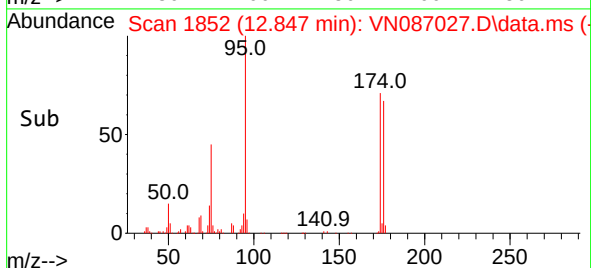
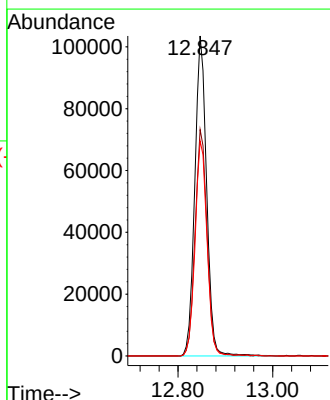
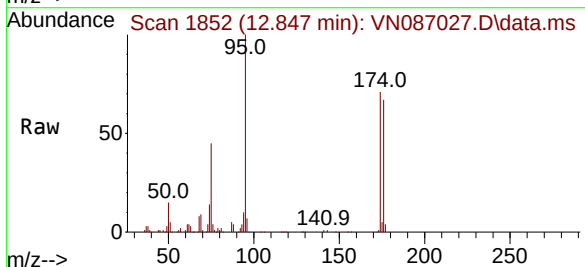
Tgt Ion: 95 Resp: 179098

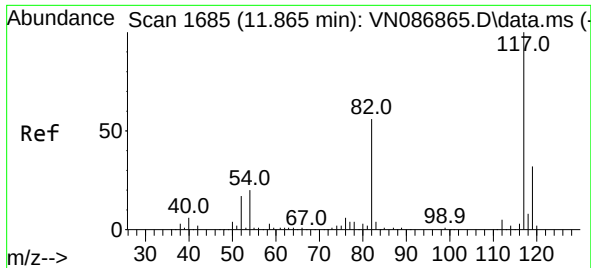
Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.8

176 67.8 0.0 132.6

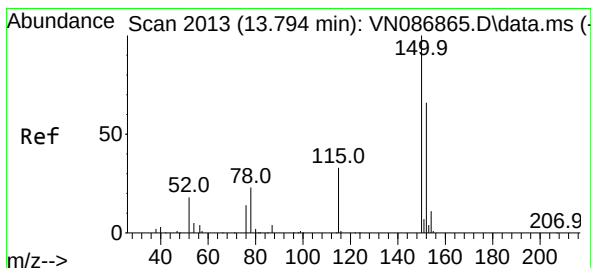
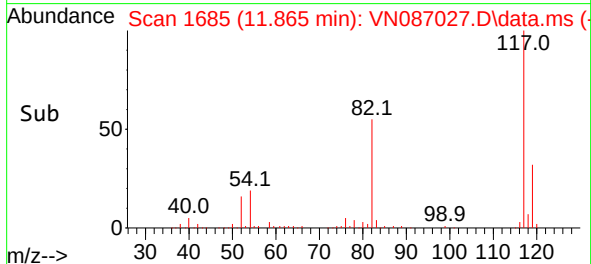
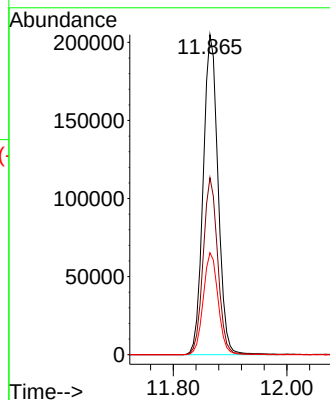
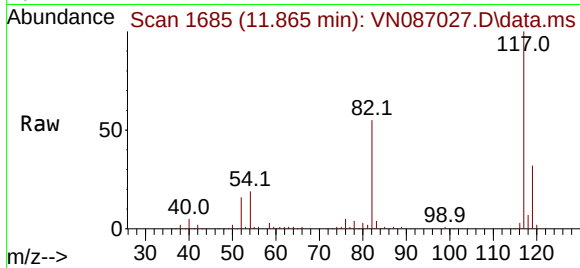




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087027.D  
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RW10A-MW01S-20250609

Tgt Ion:117 Resp: 371678  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.6 67.0  
119 31.9 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: VN087027.D  
Acq: 16 Jun 2025 13:47

Tgt Ion:152 Resp: 176246  
Ion Ratio Lower Upper  
152 100  
115 59.5 30.1 90.5  
150 155.1 0.0 345.0

