

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061225\  
 Data File : VN086977.D  
 Acq On : 12 Jun 2025 15:08  
 Operator : JC\MD  
 Sample : Q2272-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-6

Quant Time: Jun 13 01:28:51 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

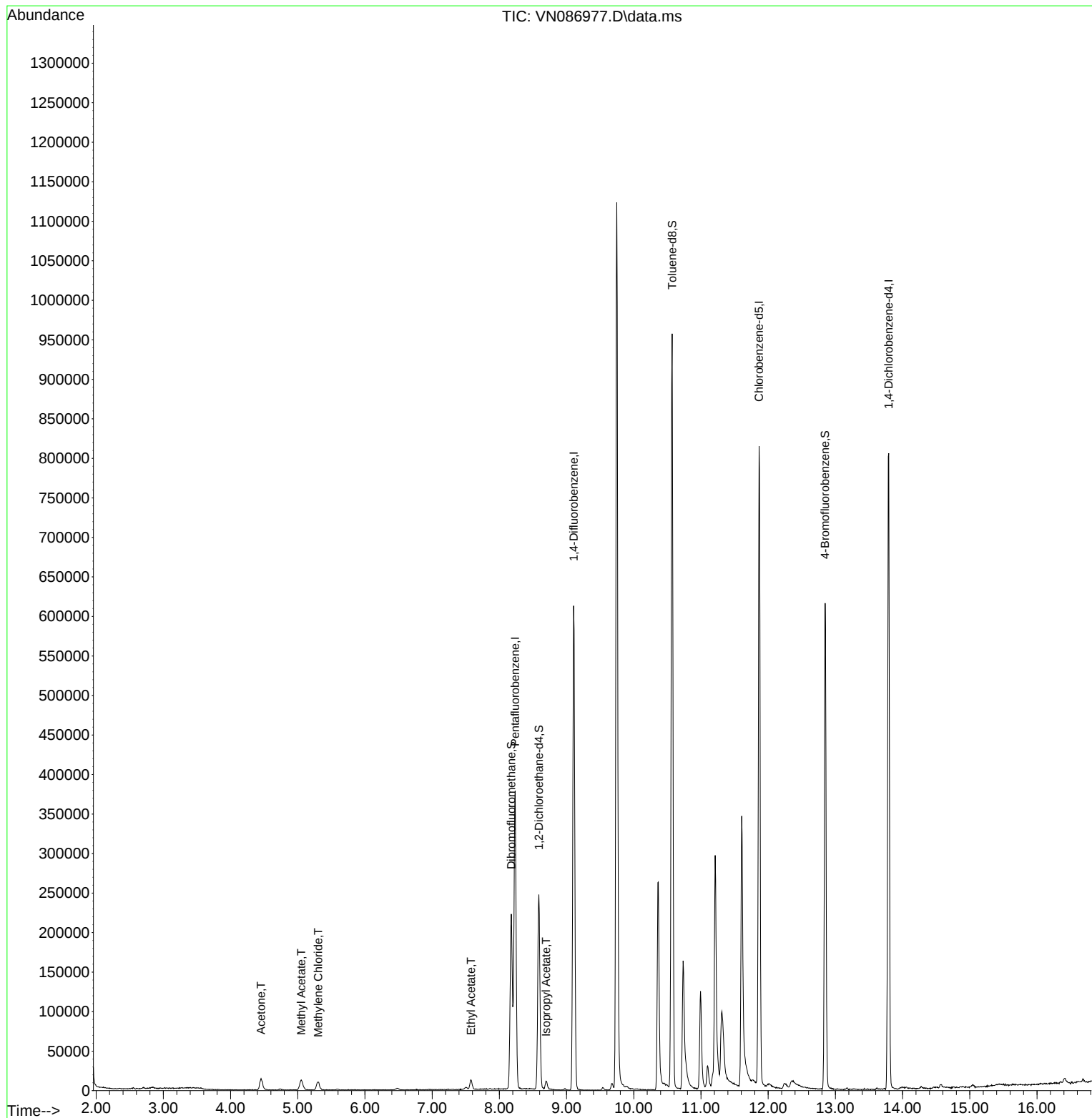
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.236     | 168   | 289570   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 560031   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 502998   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 241094   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.588     | 65    | 200214   | 51.641   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 103.280% |          |
| 35) Dibromofluoromethane    | 8.177     | 113   | 169490   | 51.069   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 102.140% |          |
| 50) Toluene-d8              | 10.571    | 98    | 692376   | 52.698   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 105.400% |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 245607   | 50.315   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 100.640% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.453     | 43    | 28630    | 13.925   | ug/l       | 93       |
| 18) Methyl Acetate          | 5.053     | 43    | 28589    | 4.772    | ug/l       | 99       |
| 20) Methylene Chloride      | 5.306     | 84    | 9857     | 2.561    | ug/l       | 86       |
| 37) Ethyl Acetate           | 7.577     | 43    | 18694    | 2.969    | ug/l       | 99       |
| 43) Isopropyl Acetate       | 8.694     | 43    | 11918    | 1.179    | ug/l       | 95       |
| -----                       |           |       |          |          |            |          |

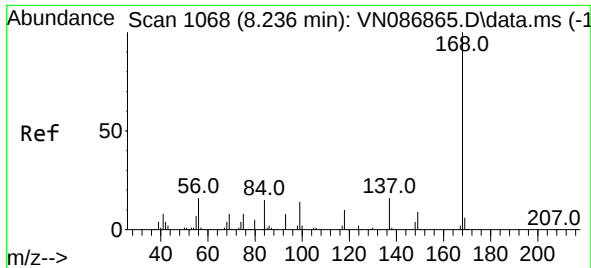
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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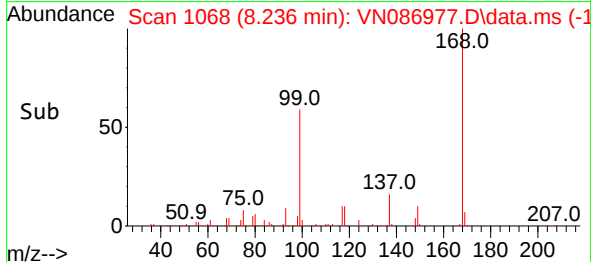
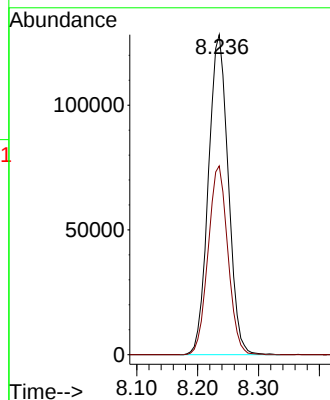
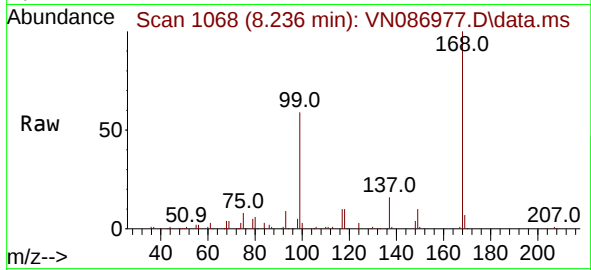




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

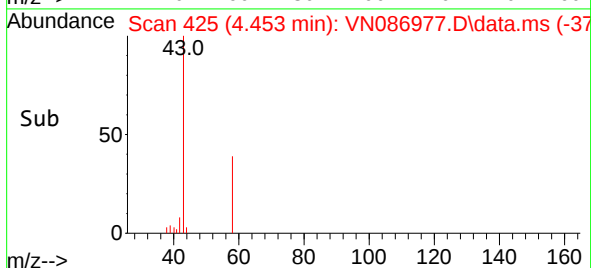
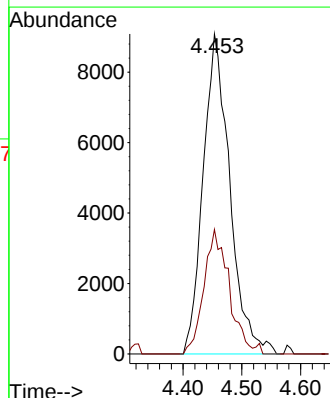
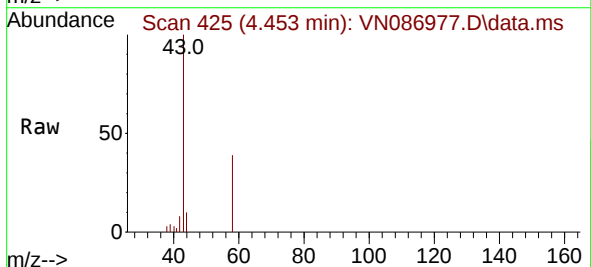
Instrument :  
MSVOA\_N  
ClientSampleId :  
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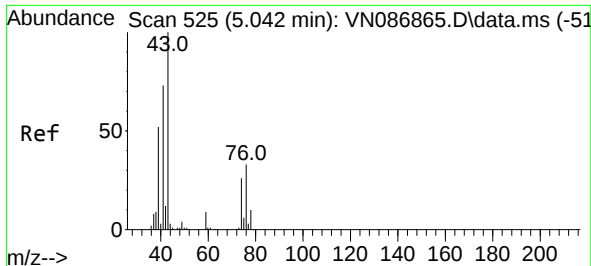
Tgt Ion:168 Resp: 289570  
Ion Ratio Lower Upper  
168 100  
99 59.0 49.1 73.7



#16  
Acetone  
Concen: 13.925 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

Tgt Ion: 43 Resp: 28630  
Ion Ratio Lower Upper  
43 100  
58 38.9 28.0 42.0

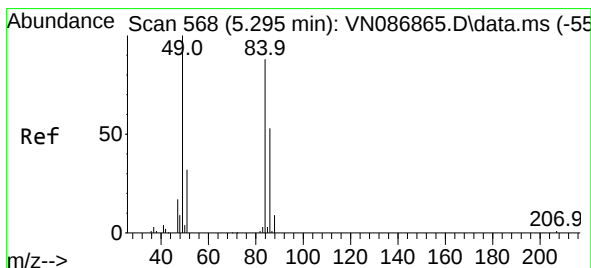
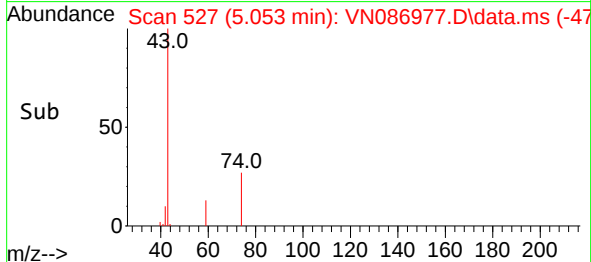
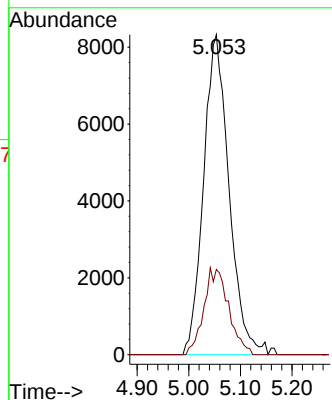
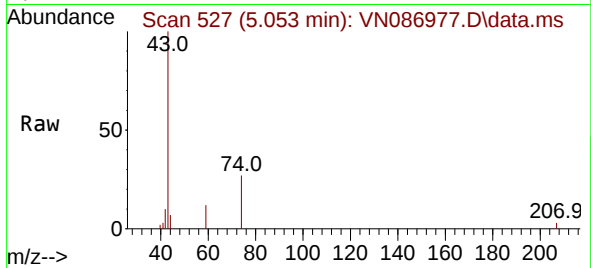




#18  
Methyl Acetate  
Concen: 4.772 ug/l  
RT: 5.053 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

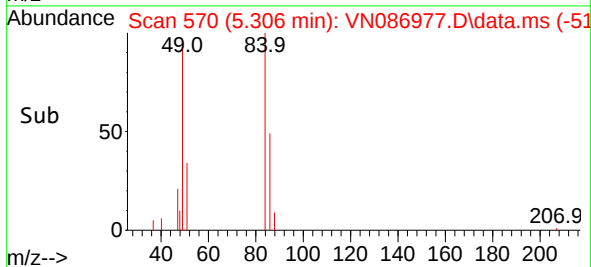
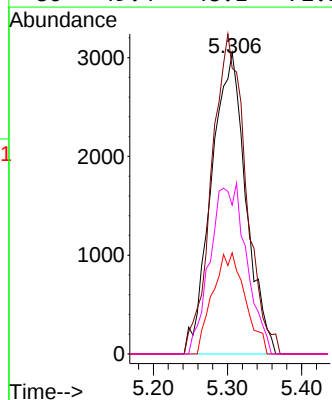
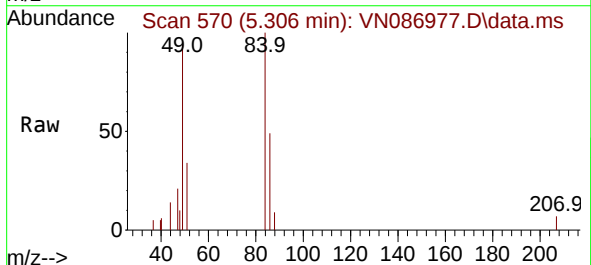
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-6

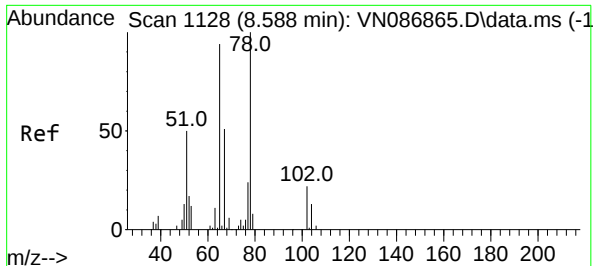
Tgt Ion: 43 Resp: 28589  
Ion Ratio Lower Upper  
43 100  
74 26.2 20.7 31.1



#20  
Methylene Chloride  
Concen: 2.561 ug/l  
RT: 5.306 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

Tgt Ion: 84 Resp: 9857  
Ion Ratio Lower Upper  
84 100  
49 94.9 90.5 135.7  
51 33.6 28.5 42.7  
86 49.4 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 51.641 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086977.D

Acq: 12 Jun 2025 15:08

Instrument :

MSVOA\_N

ClientSampleId :

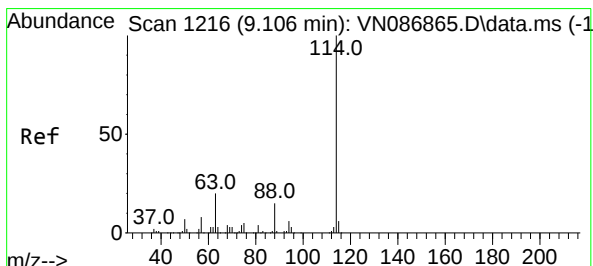
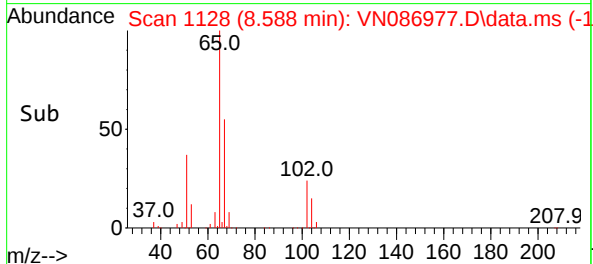
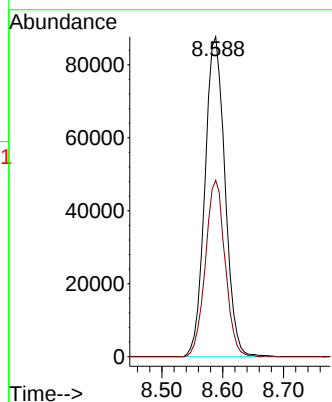
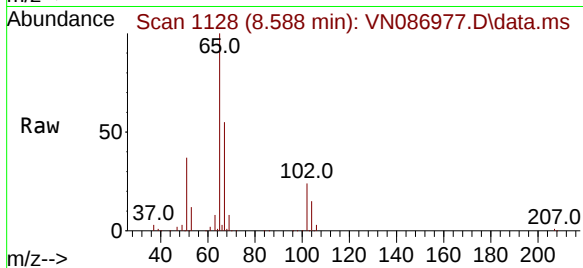
TP-6

Tgt Ion: 65 Resp: 200214

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086977.D

Acq: 12 Jun 2025 15:08

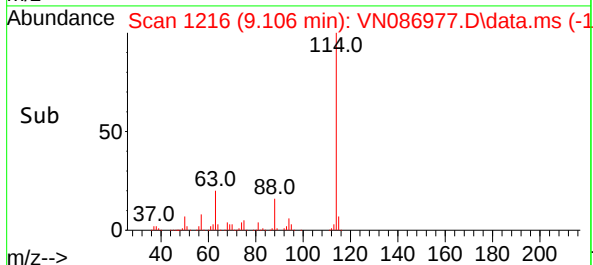
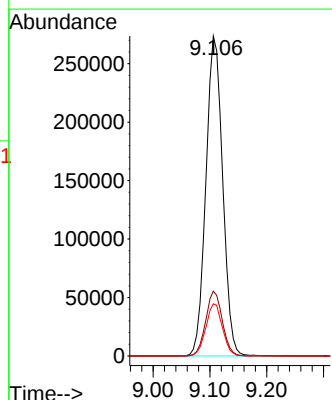
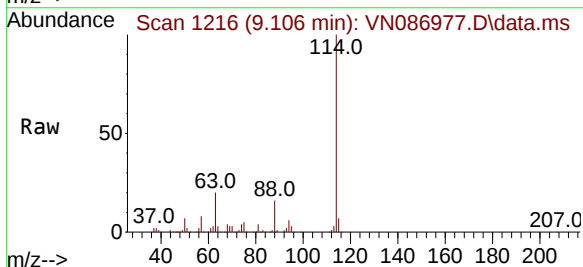
Tgt Ion: 114 Resp: 560031

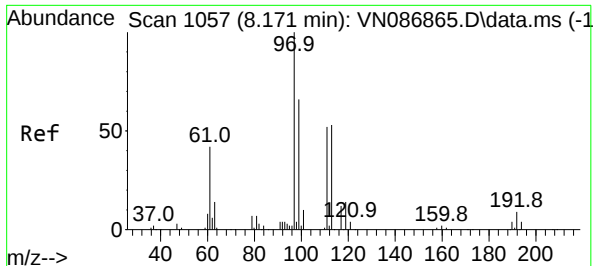
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.069 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086977.D

Acq: 12 Jun 2025 15:08

Instrument :

MSVOA\_N

ClientSampleId :

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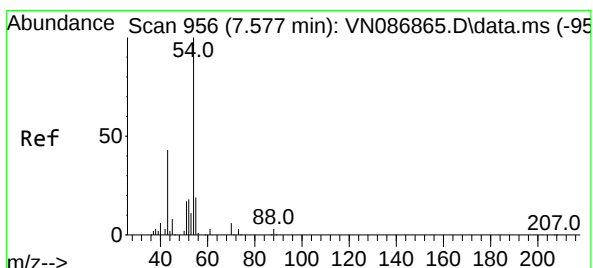
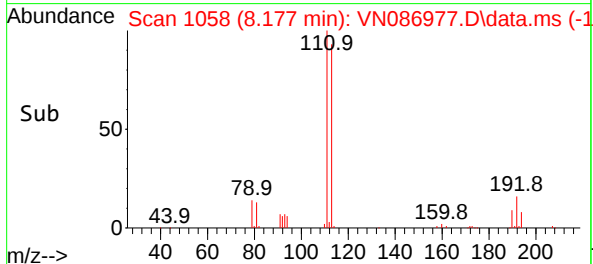
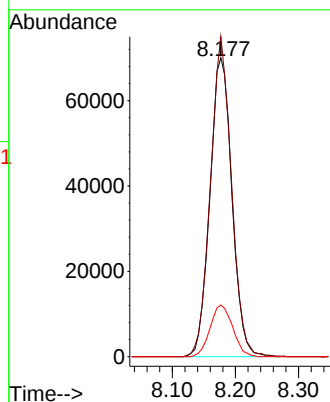
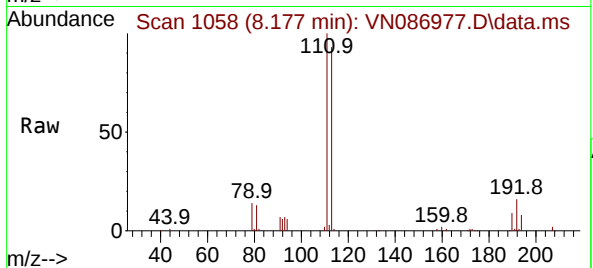
Tgt Ion:113 Resp: 169490

Ion Ratio Lower Upper

113 100

111 102.3 84.2 126.2

192 17.7 14.2 21.4



#37

Ethyl Acetate

Concen: 2.969 ug/l

RT: 7.577 min Scan# 956

Delta R.T. -0.000 min

Lab File: VN086977.D

Acq: 12 Jun 2025 15:08

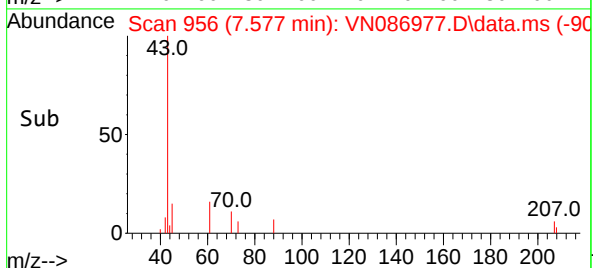
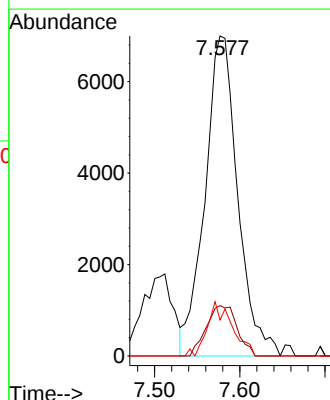
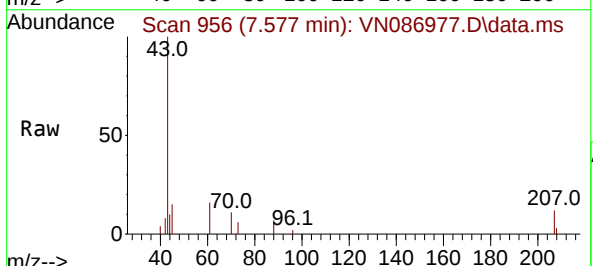
Tgt Ion: 43 Resp: 18694

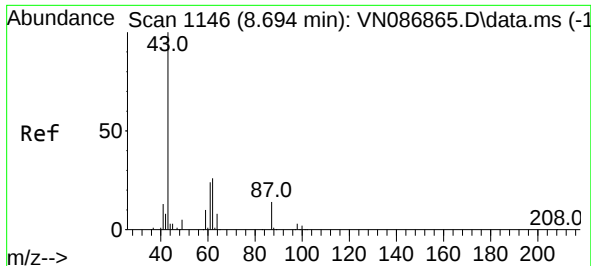
Ion Ratio Lower Upper

43 100

61 14.7 12.1 18.1

70 12.8 9.8 14.6

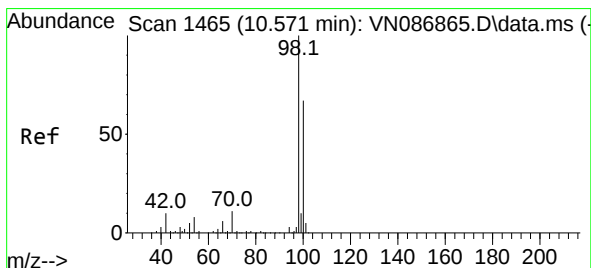
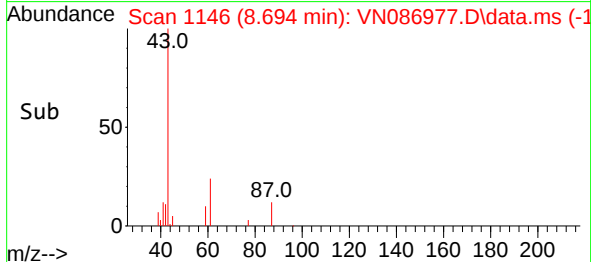
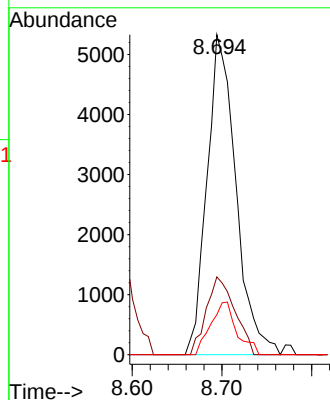
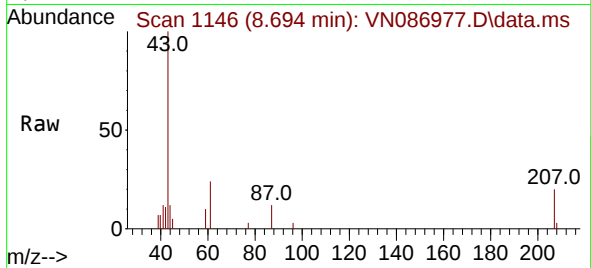




#43  
Isopropyl Acetate  
Concen: 1.179 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

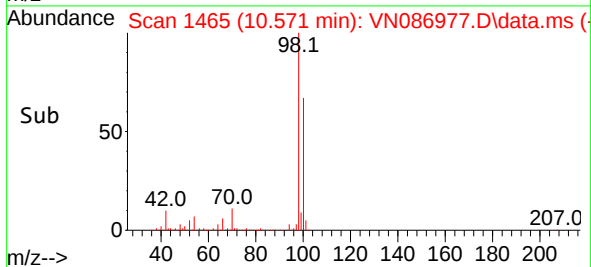
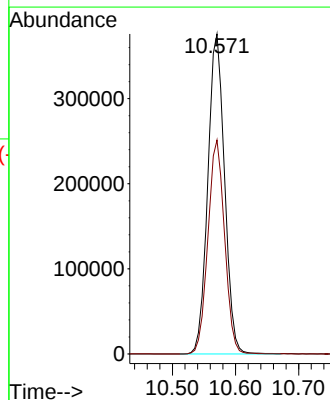
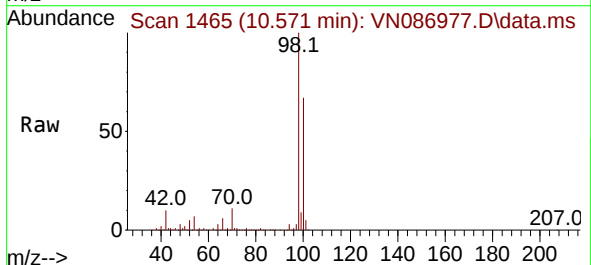
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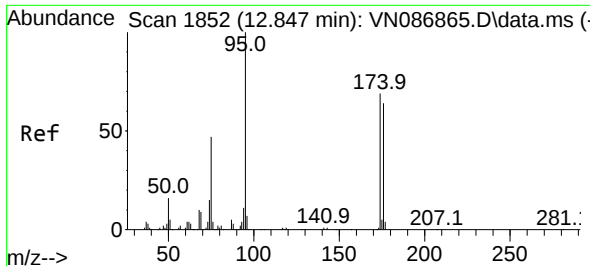
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 11918    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 24.0 22.1 33.1 |
| 87          | 14.9 11.8 17.6 |



#50  
Toluene-d8  
Concen: 52.698 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

|             |                |
|-------------|----------------|
| Tgt Ion: 98 | Resp: 692376   |
| Ion Ratio   | Lower Upper    |
| 98          | 100            |
| 100         | 66.5 53.4 80.0 |

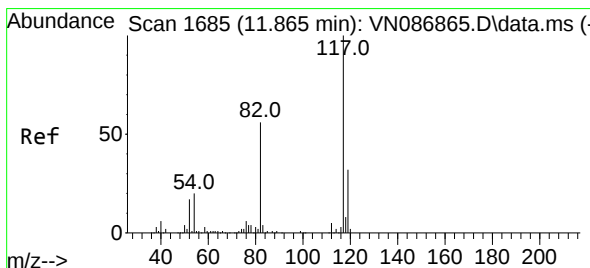
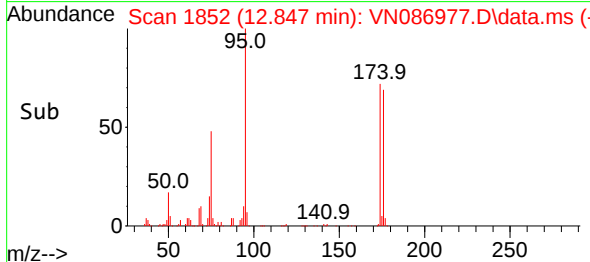
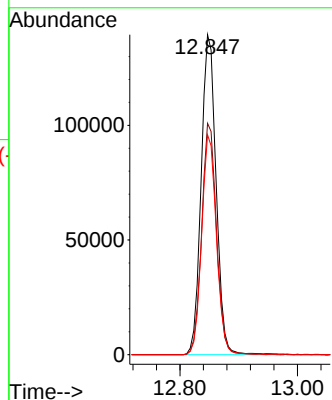
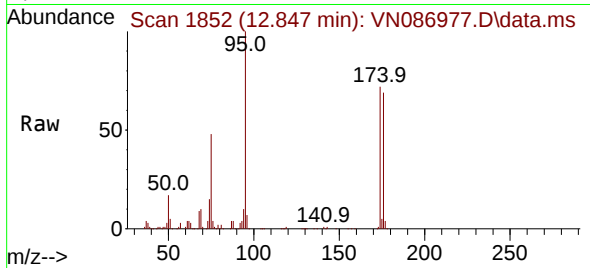




#62  
4-Bromofluorobenzene  
Concen: 50.315 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

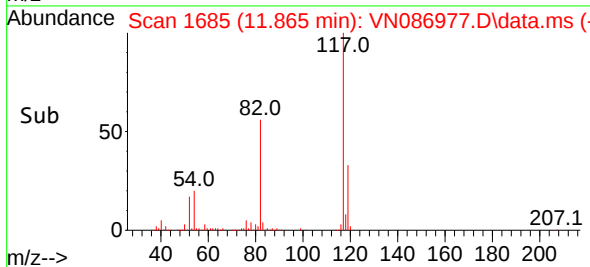
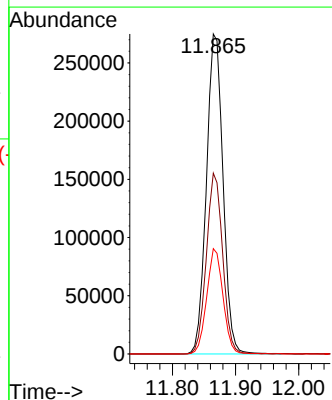
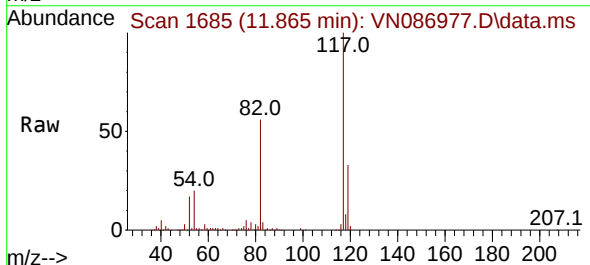
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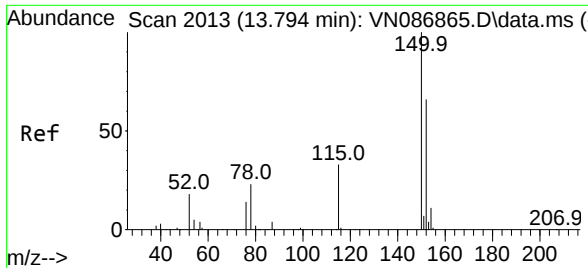
Tgt Ion: 95 Resp: 245607  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 141.8  
176 67.8 0.0 132.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN086977.D  
Acq: 12 Jun 2025 15:08

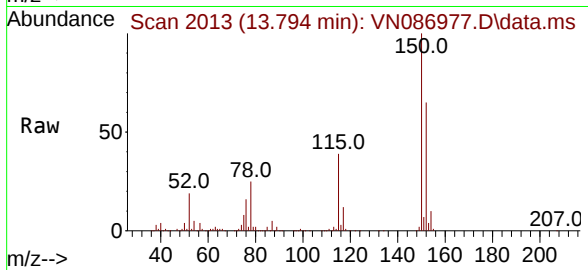
Tgt Ion: 117 Resp: 502998  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.6 67.0  
119 32.9 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN086977.D  
 Acq: 12 Jun 2025 15:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 241094  
 Ion Ratio Lower Upper  
 152 100  
 115 60.7 30.1 90.5  
 150 156.9 0.0 345.0

