

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061825\  
 Data File : VN087085.D  
 Acq On : 18 Jun 2025 15:02  
 Operator : JC\MD  
 Sample : Q2347-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-10

Quant Time: Jun 19 01:29:42 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

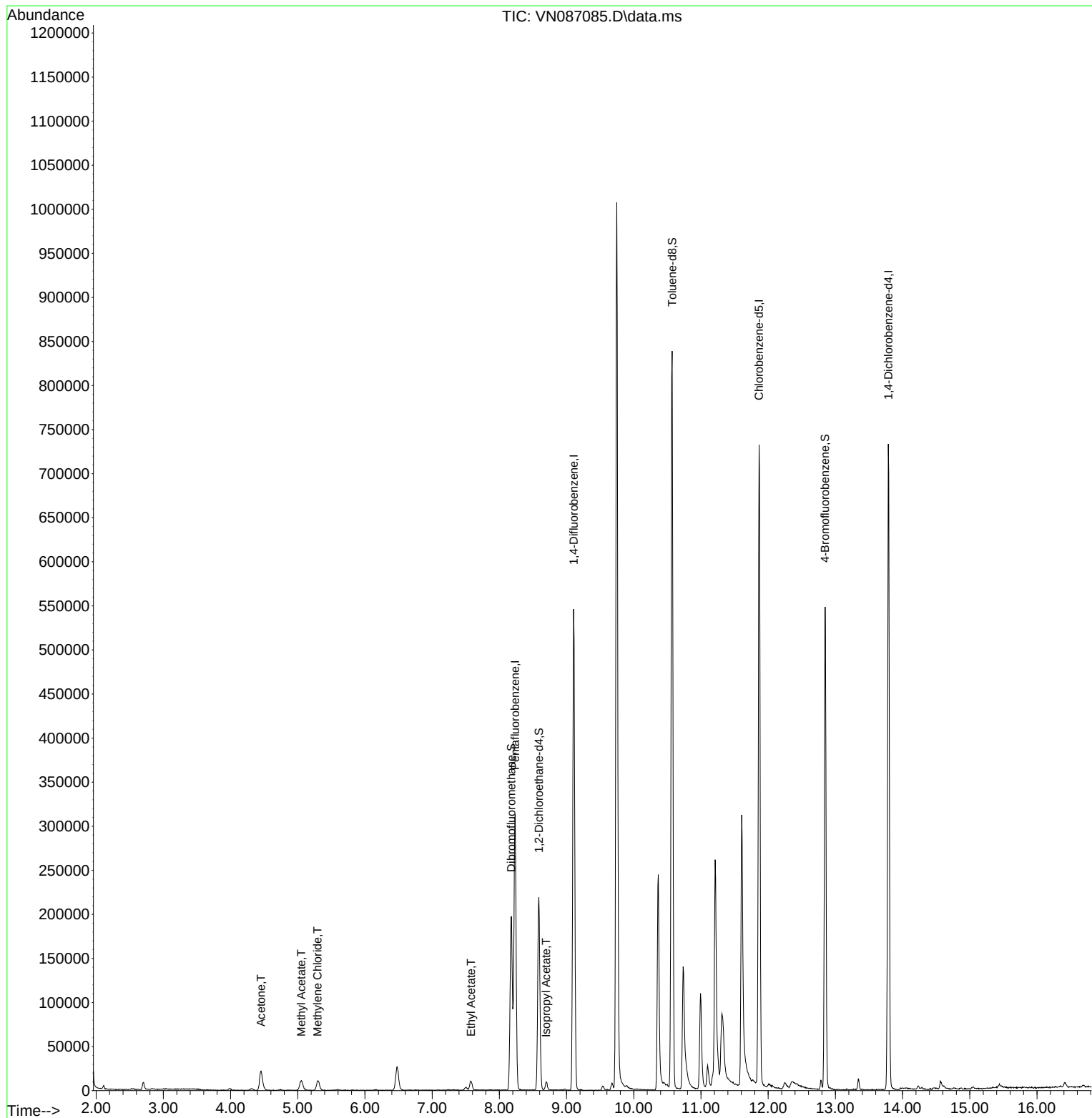
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.235     | 168   | 247020   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 505646   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 456673   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788    | 152   | 214657   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.588     | 65    | 178724   | 54.039   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 108.080% |          |
| 35) Dibromofluoromethane    | 8.177     | 113   | 153679   | 51.285   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 102.560% |          |
| 50) Toluene-d8              | 10.571    | 98    | 625267   | 52.709   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 105.420% |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 215540   | 48.905   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 97.800%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.453     | 43    | 44327    | 25.273   | ug/l       | 95       |
| 18) Methyl Acetate          | 5.053     | 43    | 24876    | 4.867    | ug/l       | 97       |
| 20) Methylene Chloride      | 5.294     | 84    | 9967     | 3.035    | ug/l       | 92       |
| 37) Ethyl Acetate           | 7.577     | 43    | 17049    | 2.999    | ug/l       | 99       |
| 43) Isopropyl Acetate       | 8.694     | 43    | 10704    | 1.173    | ug/l       | 95       |
| -----                       |           |       |          |          |            |          |

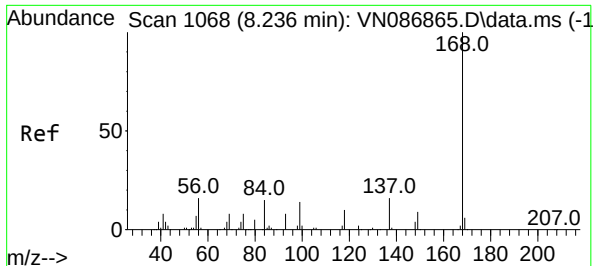
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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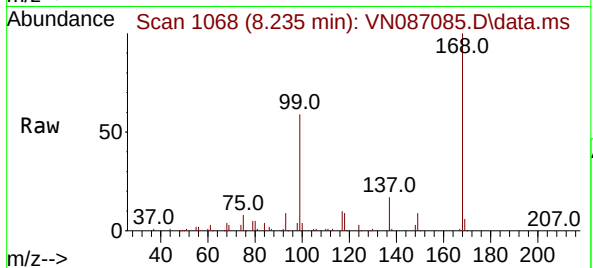
Quant Time: Jun 19 01:29:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration



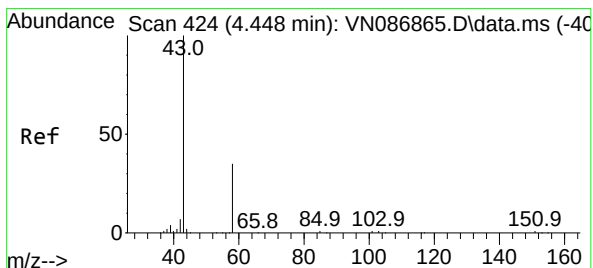
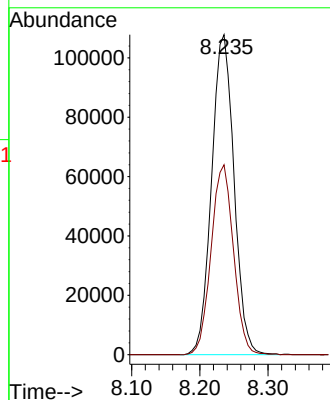
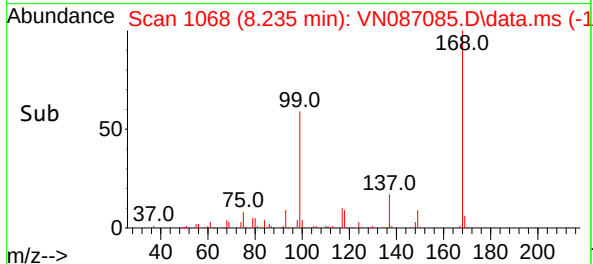


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.001 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
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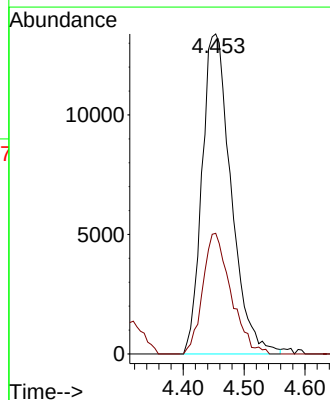
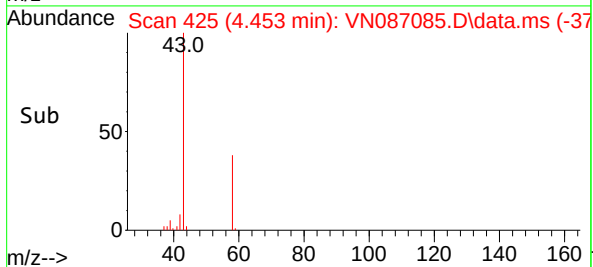
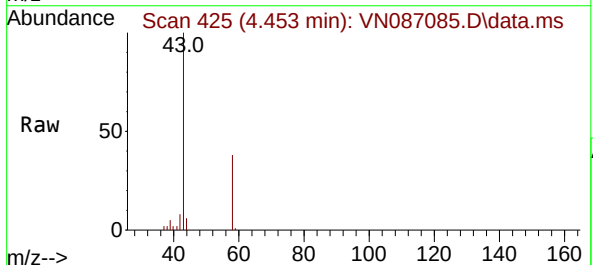


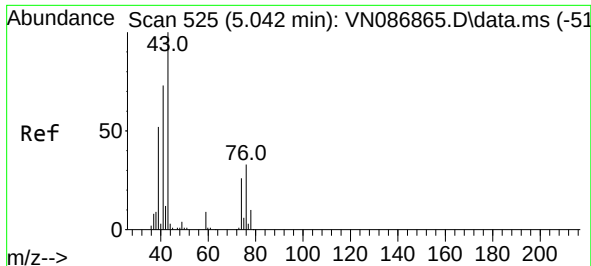
Tgt Ion:168 Resp: 247020  
Ion Ratio Lower Upper  
168 100  
99 59.4 49.1 73.7



#16  
Acetone  
Concen: 25.273 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Tgt Ion: 43 Resp: 44327  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.0 42.0

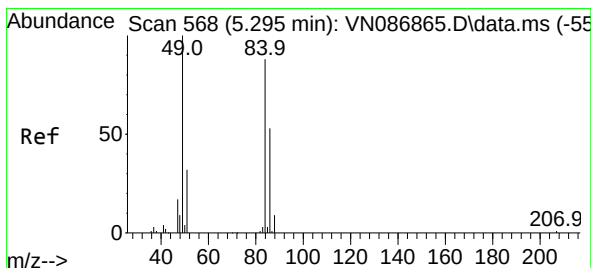
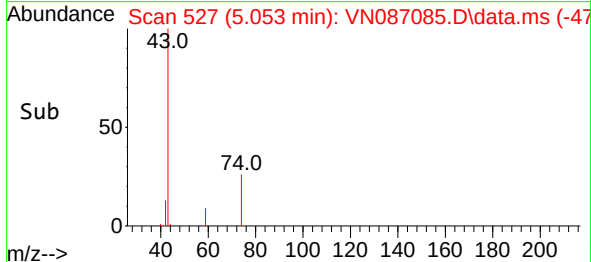
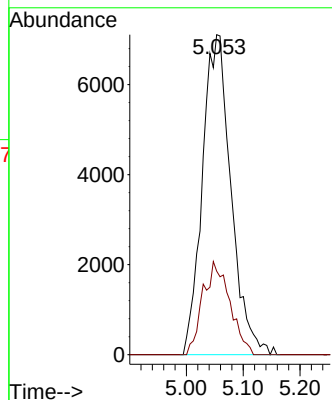
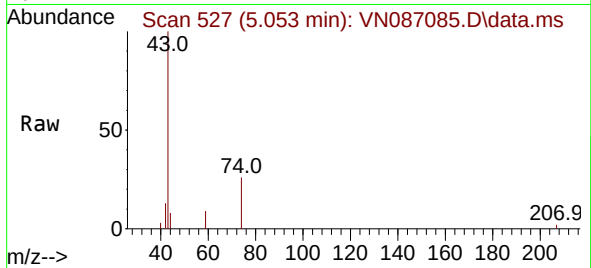




#18  
Methyl Acetate  
Concen: 4.867 ug/l  
RT: 5.053 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

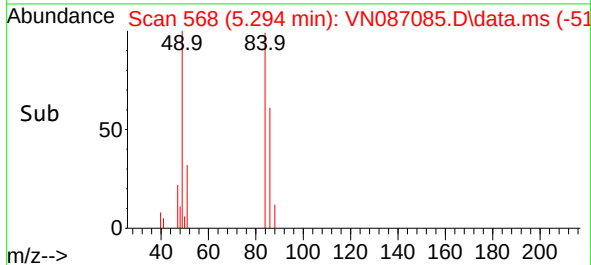
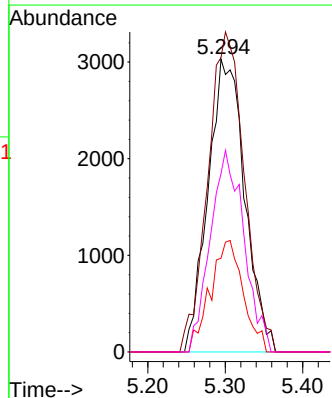
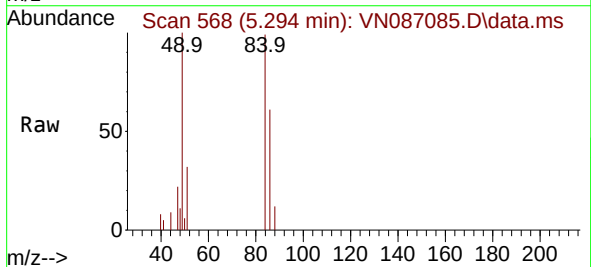
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-10

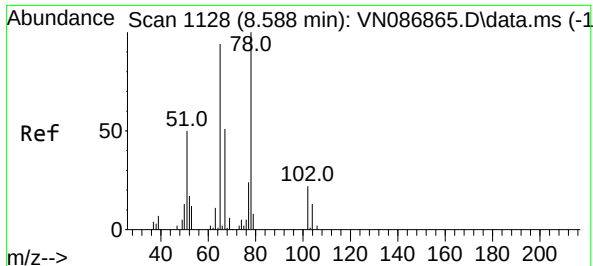
Tgt Ion: 43 Resp: 24876  
Ion Ratio Lower Upper  
43 100  
74 27.5 20.7 31.1



#20  
Methylene Chloride  
Concen: 3.035 ug/l  
RT: 5.294 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Tgt Ion: 84 Resp: 9967  
Ion Ratio Lower Upper  
84 100  
49 100.5 90.5 135.7  
51 32.0 28.5 42.7  
86 60.9 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 54.039 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087085.D

Acq: 18 Jun 2025 15:02

Instrument :

MSVOA\_N

ClientSampleId :

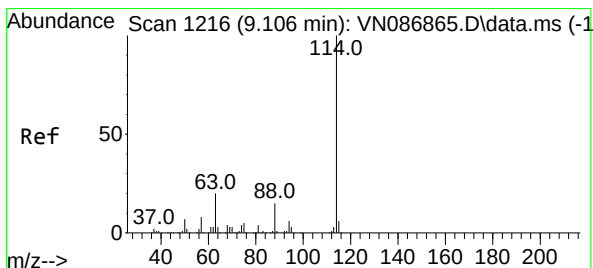
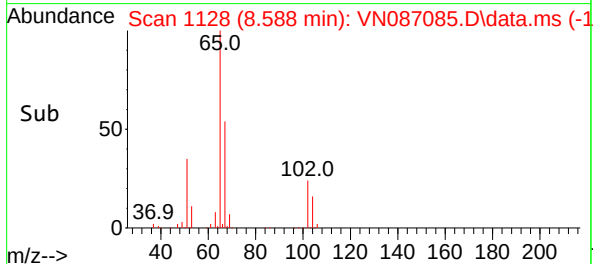
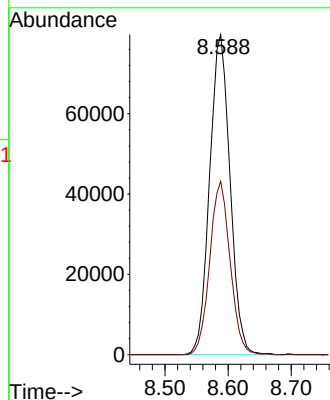
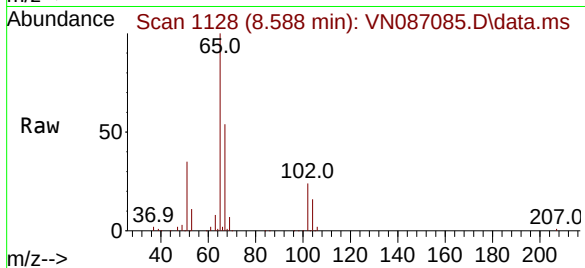
TP-10

Tgt Ion: 65 Resp: 178724

Ion Ratio Lower Upper

65 100

67 54.1 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: VN087085.D

Acq: 18 Jun 2025 15:02

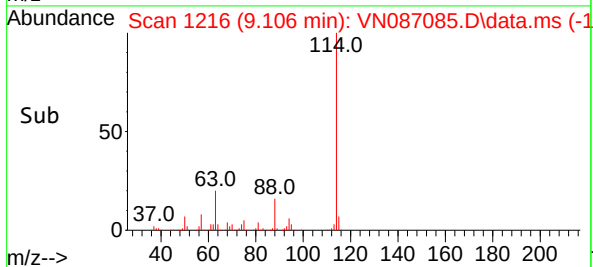
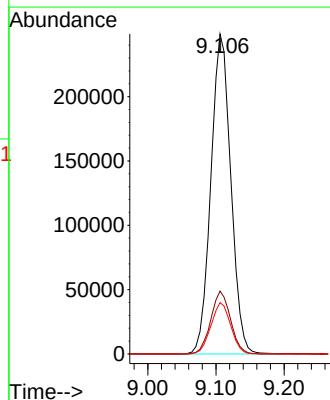
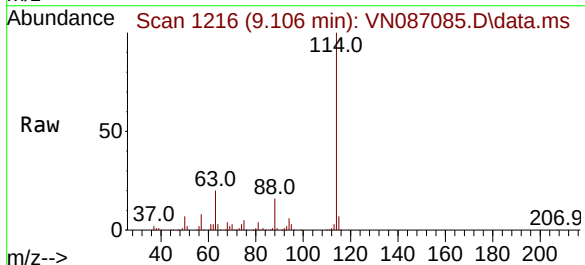
Tgt Ion: 114 Resp: 505646

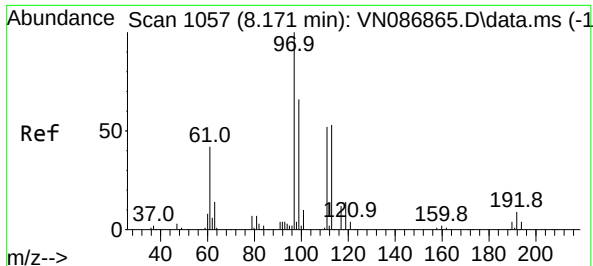
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.0 0.0 30.2

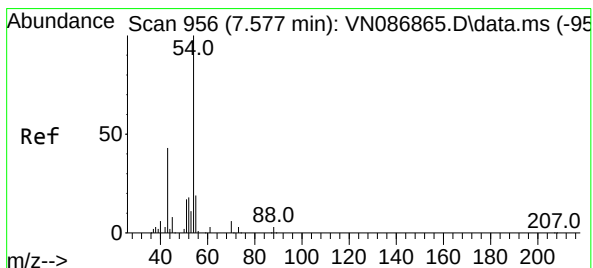
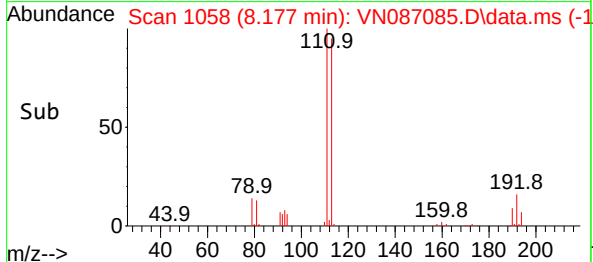
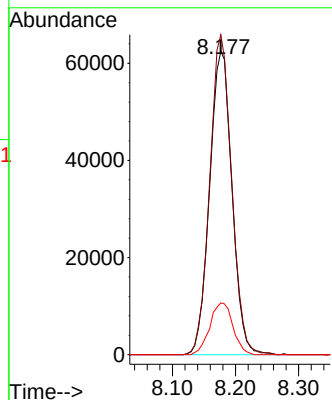
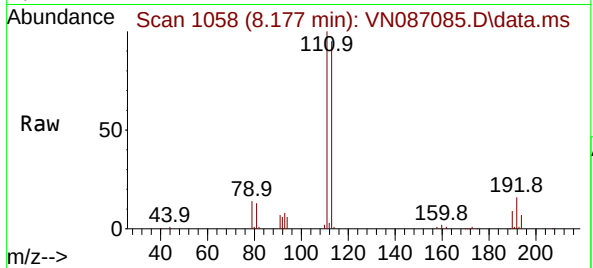




#35  
Dibromofluoromethane  
Concen: 51.285 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

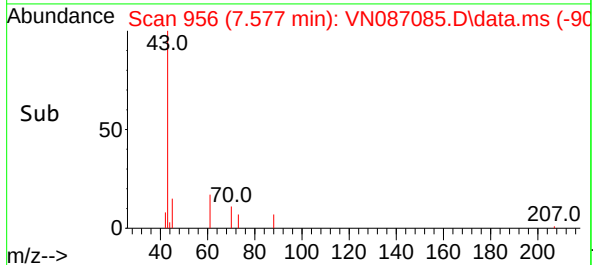
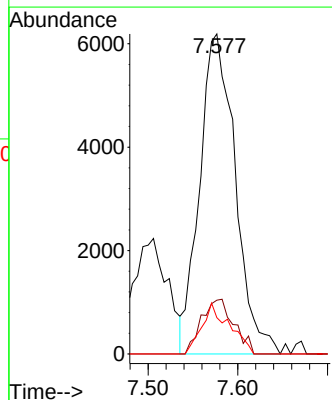
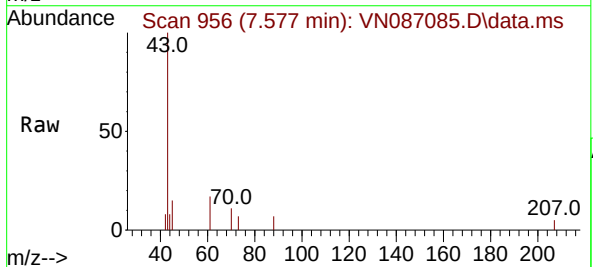
Instrument :  
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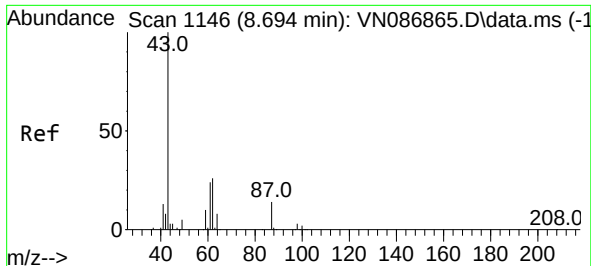
Tgt Ion:113 Resp: 153679  
Ion Ratio Lower Upper  
113 100  
111 103.2 84.2 126.2  
192 17.6 14.2 21.4



#37  
Ethyl Acetate  
Concen: 2.999 ug/l  
RT: 7.577 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Tgt Ion: 43 Resp: 17049  
Ion Ratio Lower Upper  
43 100  
61 15.6 12.1 18.1  
70 12.3 9.8 14.6

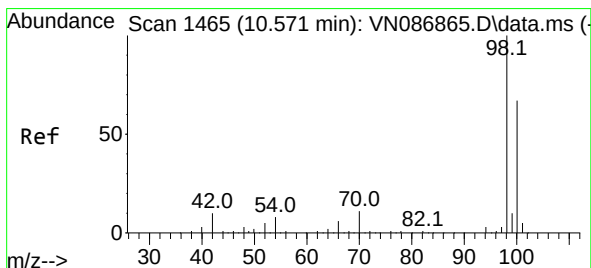
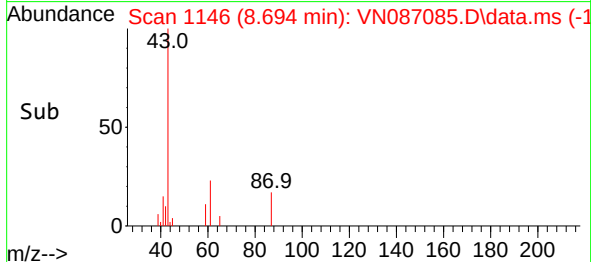
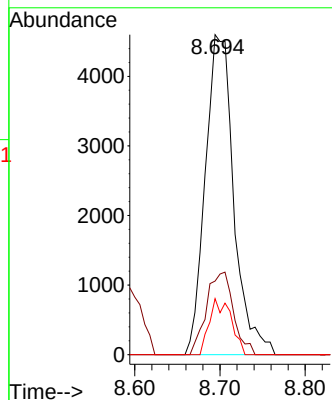
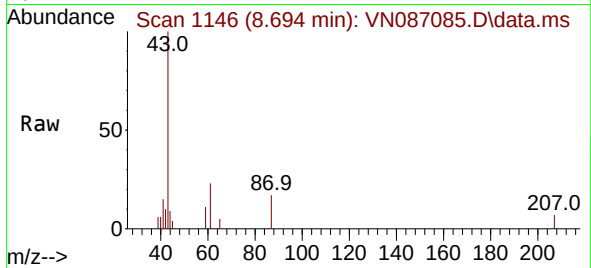




#43  
Isopropyl Acetate  
Concen: 1.173 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

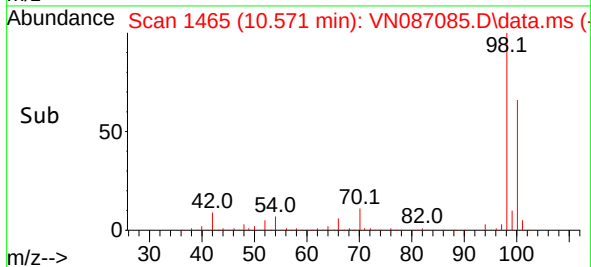
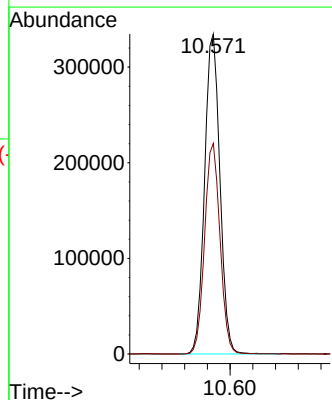
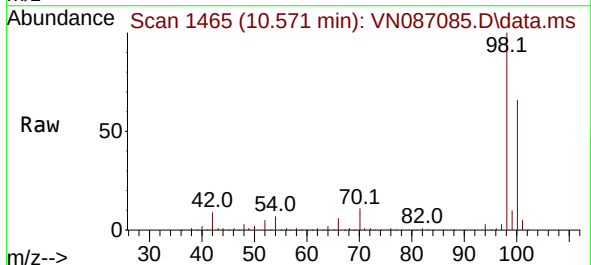
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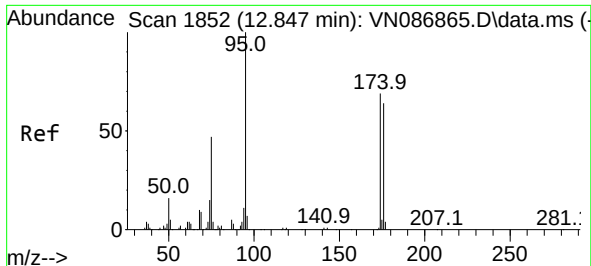
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 10704 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 24.4     | 22.1 33.1   |
| 87 13.3     | 11.8 17.6   |



#50  
Toluene-d8  
Concen: 52.709 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 625267 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.1    | 53.4 80.0    |

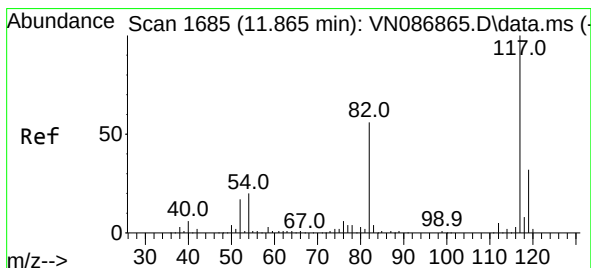
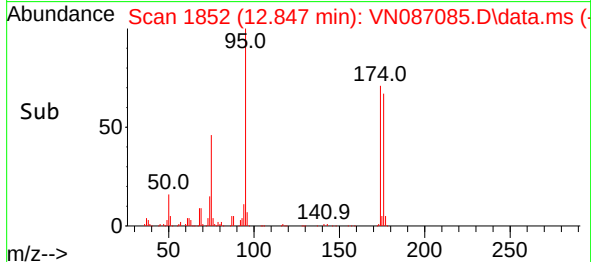
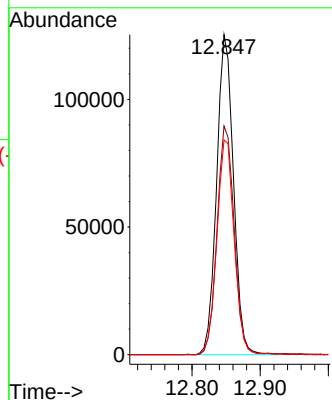
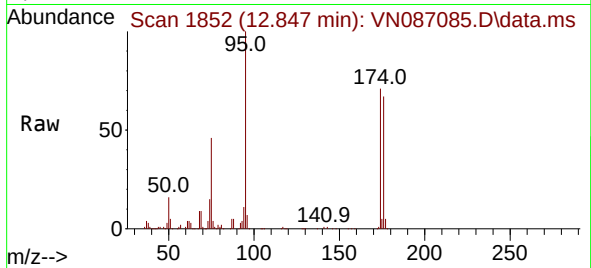




#62  
4-Bromofluorobenzene  
Concen: 48.905 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

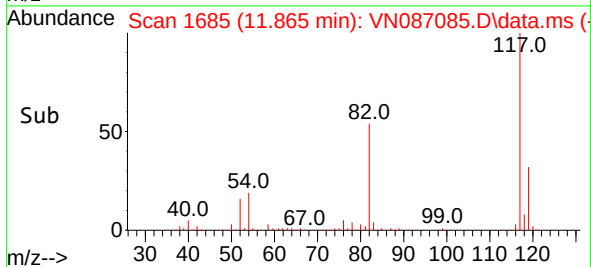
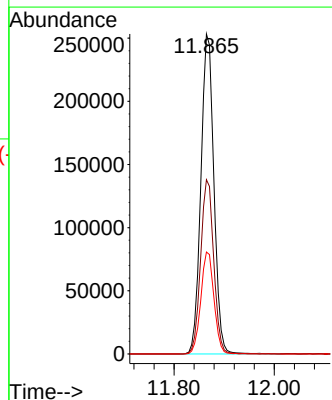
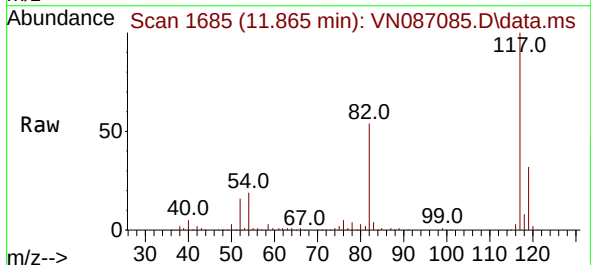
Instrument :  
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ClientSampleId :  
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Tgt Ion: 95 Resp: 215540  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 141.8  
176 69.2 0.0 132.6

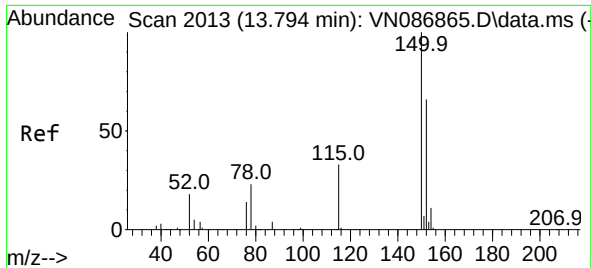


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Tgt Ion: 117 Resp: 456673  
Ion Ratio Lower Upper  
117 100  
82 54.5 44.6 67.0  
119 31.8 25.5 38.3

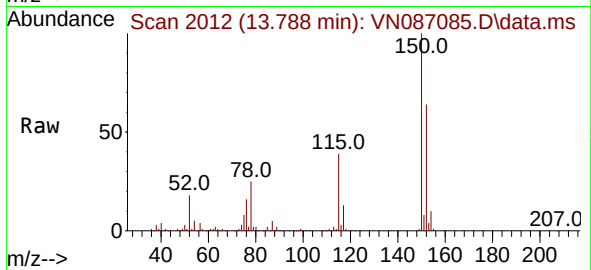






#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VN087085.D  
Acq: 18 Jun 2025 15:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 214657  
Ion Ratio Lower Upper  
152 100  
115 60.2 30.1 90.5  
150 157.8 0.0 345.0

