

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021125\  
 Data File : VN085759.D  
 Acq On : 11 Feb 2025 20:49  
 Operator : JC\MD  
 Sample : Q1348-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TWP-1-WC

Quant Time: Feb 11 23:26:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

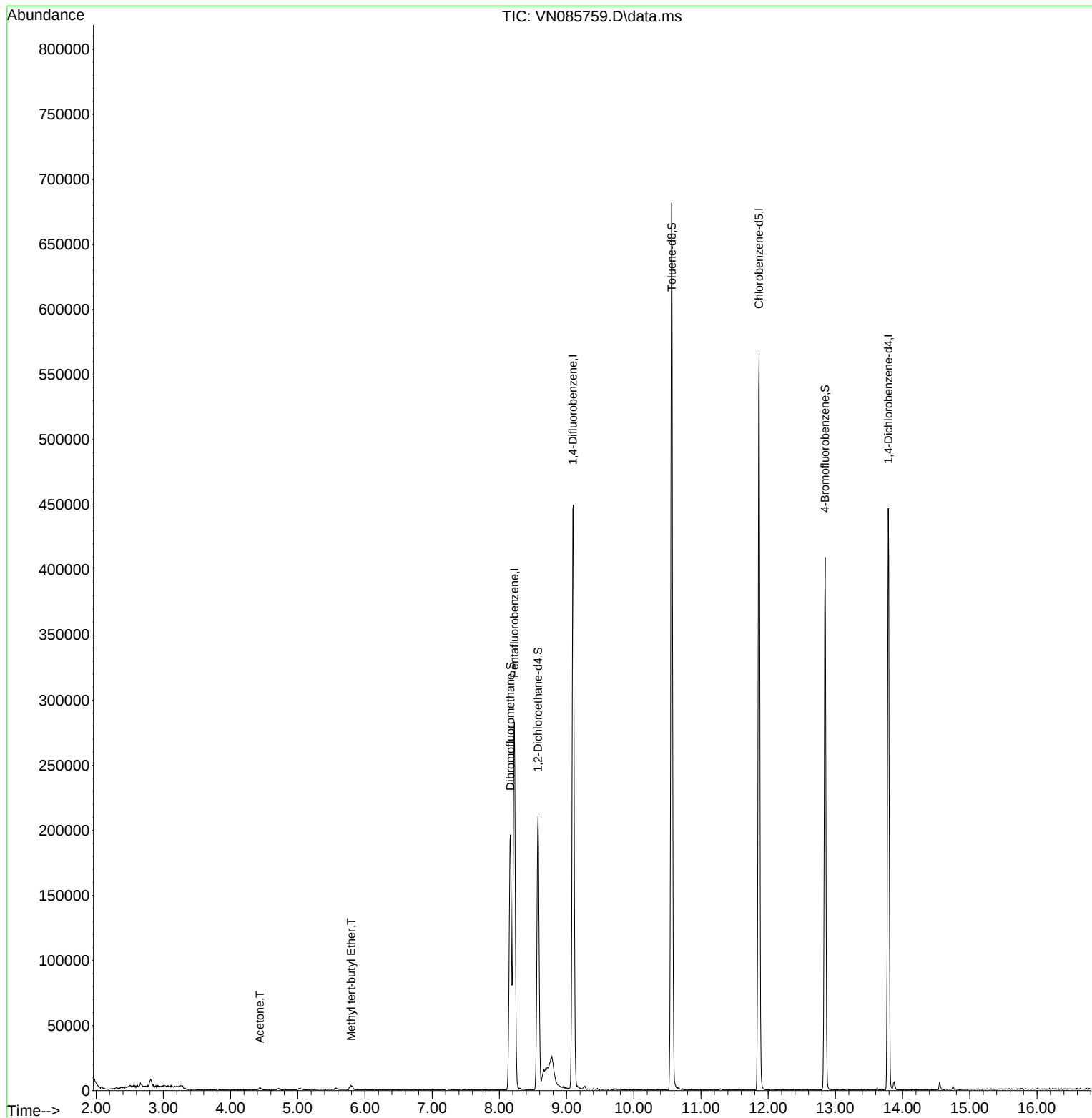
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 201638   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.094  | 114   | 390585   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 327931   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 123709   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 175735   | 53.992   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.980% |          |
| 35) Dibromofluoromethane    | 8.165  | 113   | 144593   | 53.361   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.720% |          |
| 50) Toluene-d8              | 10.565 | 98    | 474977   | 49.335   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.680%  |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 141543   | 42.979   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 85.960%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.436  | 43    | 3137     | 2.983    | ug/l       | 99       |
| 19) Methyl tert-butyl Ether | 5.794  | 73    | 5279     | 0.751    | ug/l #     | 71       |
| -----                       |        |       |          |          |            |          |

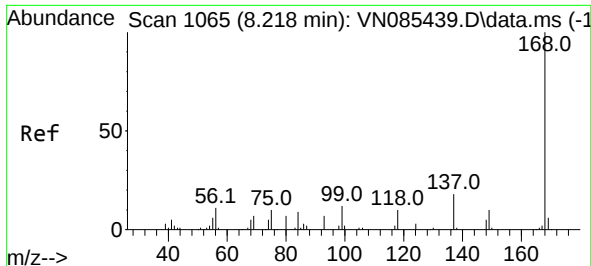
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q1348-01  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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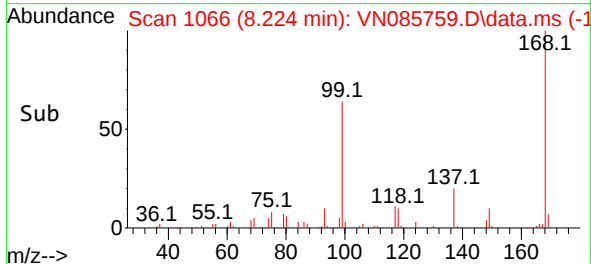
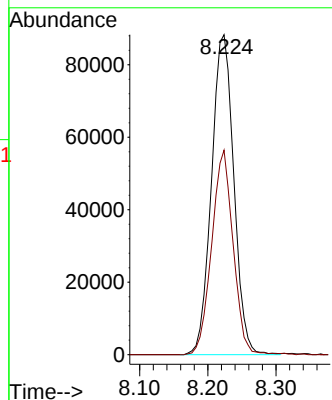
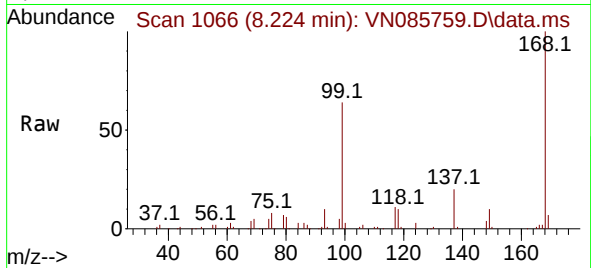




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

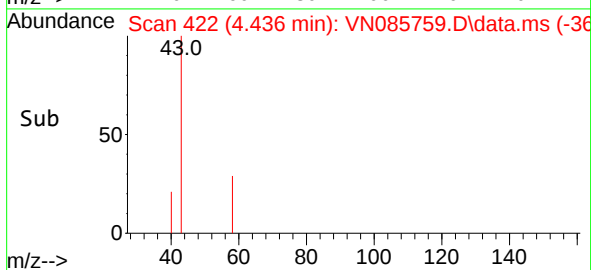
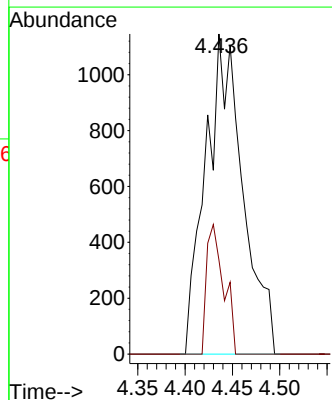
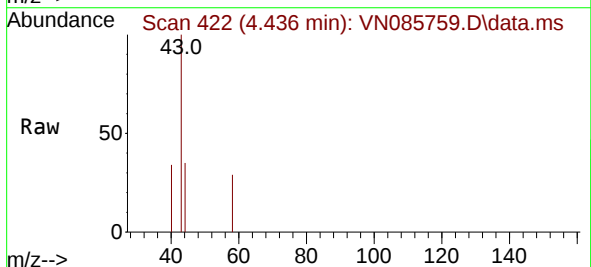
Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP-1-WC

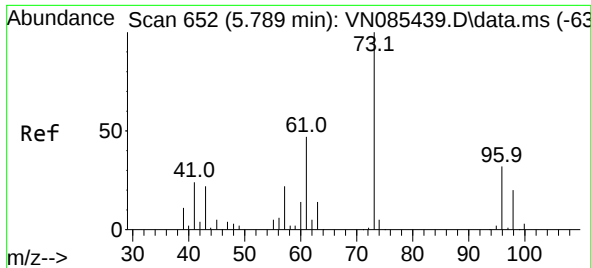
Tgt Ion:168 Resp: 201638  
Ion Ratio Lower Upper  
168 100  
99 63.9 53.6 80.4



#16  
Acetone  
Concen: 2.983 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.018 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

Tgt Ion: 43 Resp: 3137  
Ion Ratio Lower Upper  
43 100  
58 29.4 23.8 35.6

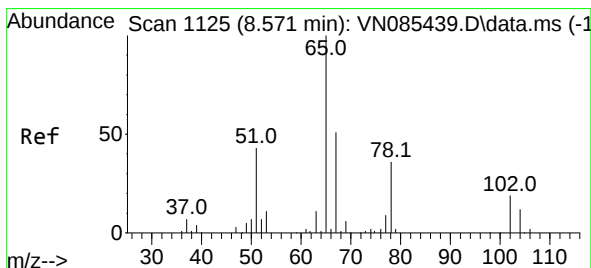
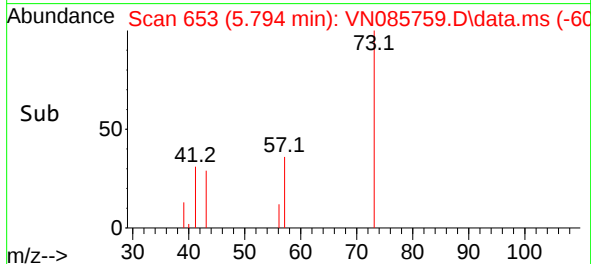
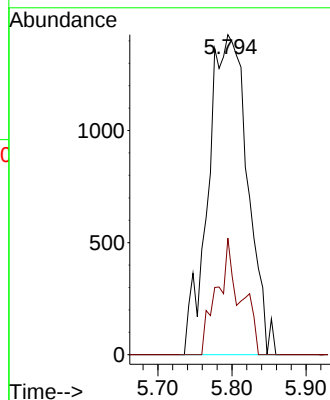
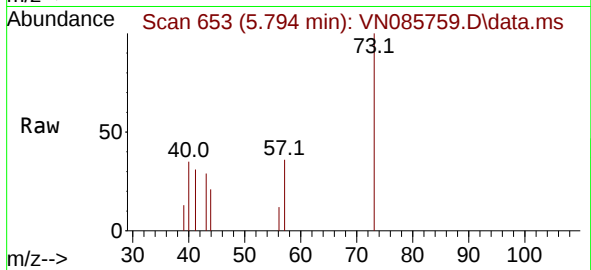




#19  
Methyl tert-butyl Ether  
Concen: 0.751 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

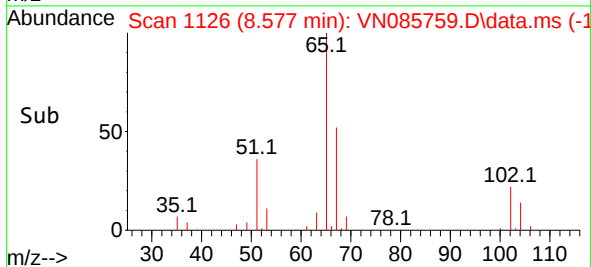
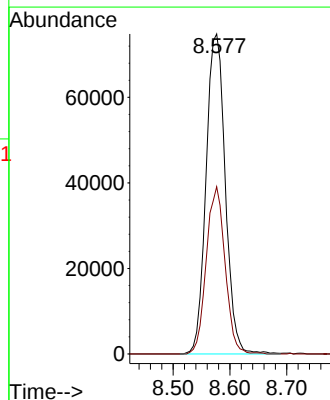
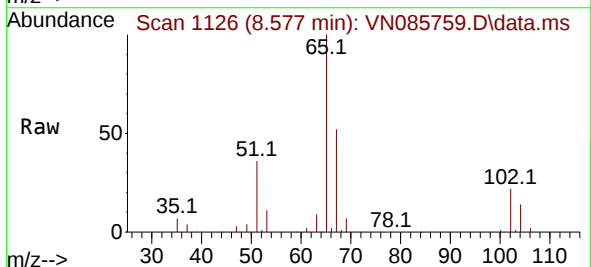
Instrument :  
MSVOA\_N  
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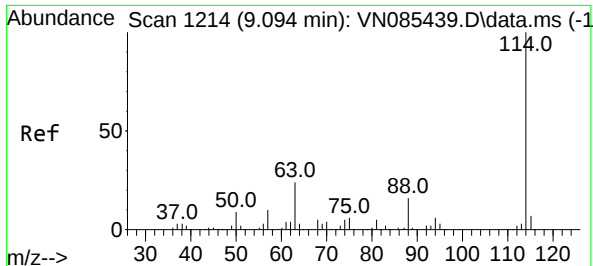
Tgt Ion: 73 Resp: 5279  
Ion Ratio Lower Upper  
73 100  
57 36.4 17.8 26.8#



#33  
1,2-Dichloroethane-d4  
Concen: 53.992 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

Tgt Ion: 65 Resp: 175735  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085759.D

Acq: 11 Feb 2025 20:49

Instrument :

MSVOA\_N

ClientSampleId :

TWP-1-WC

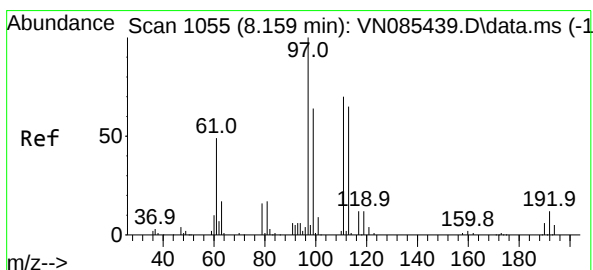
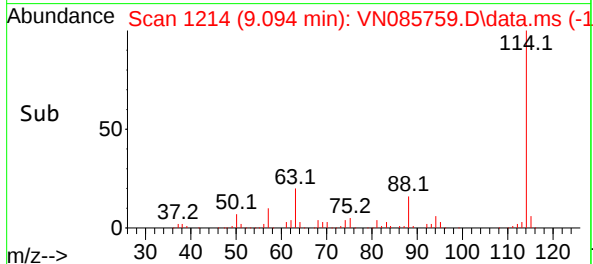
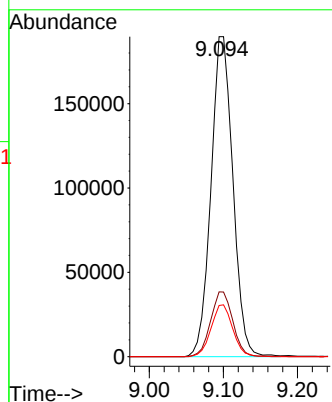
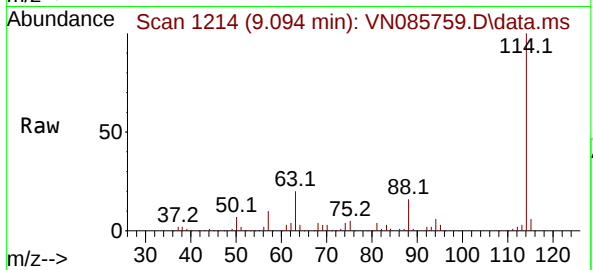
Tgt Ion:114 Resp: 390585

Ion Ratio Lower Upper

114 100

63 20.2 0.0 47.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.361 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085759.D

Acq: 11 Feb 2025 20:49

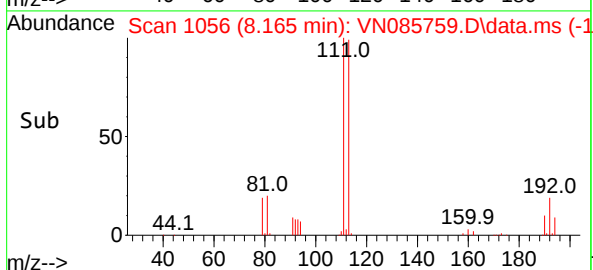
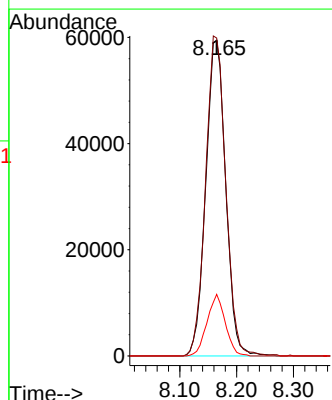
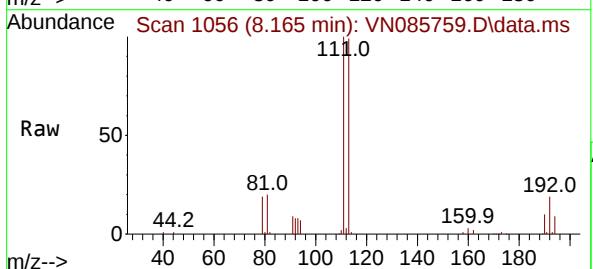
Tgt Ion:113 Resp: 144593

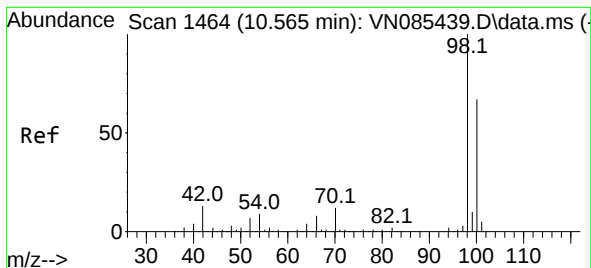
Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 17.8 14.3 21.5

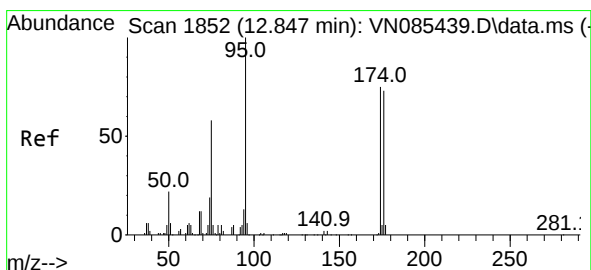
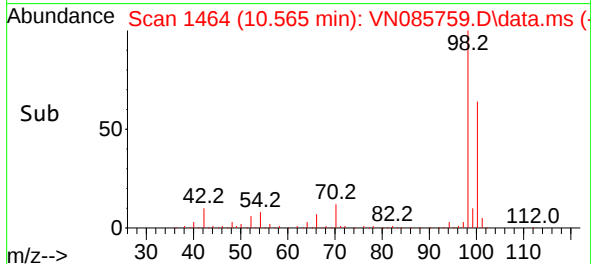
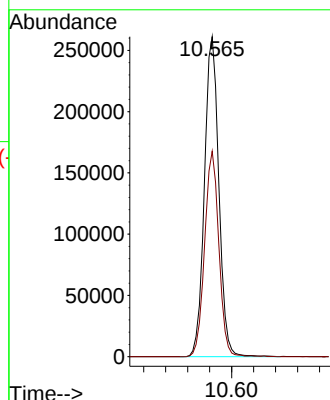
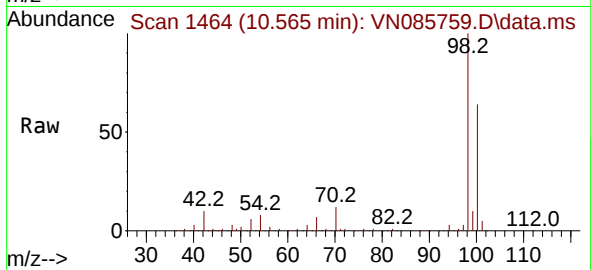




#50  
Toluene-d8  
Concen: 49.335 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

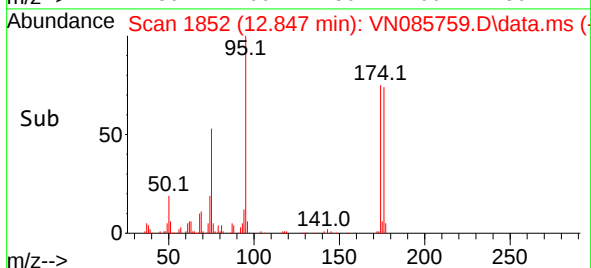
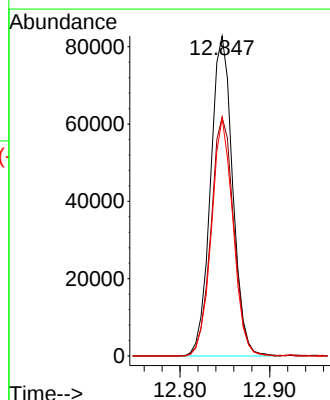
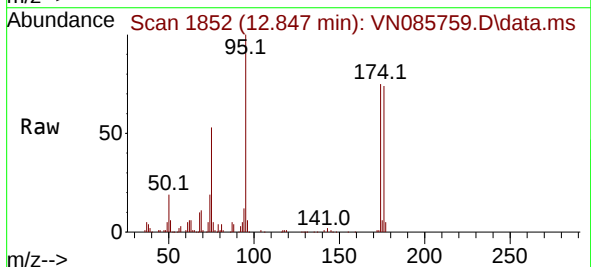
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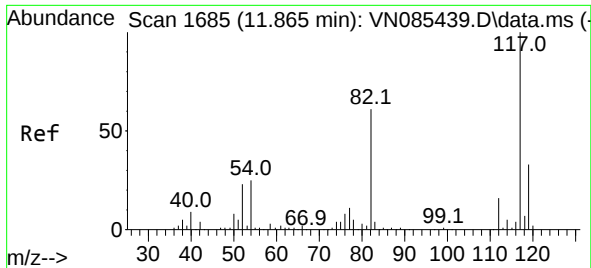
Tgt Ion: 98 Resp: 474977  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 42.979 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

Tgt Ion: 95 Resp: 141543  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 145.0  
176 72.6 0.0 142.4

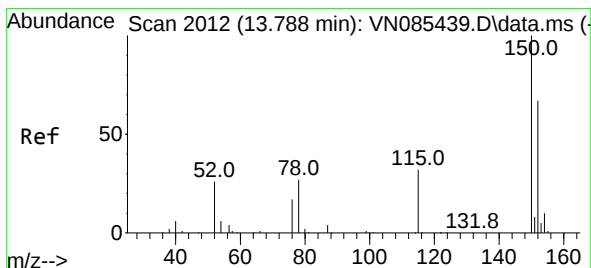
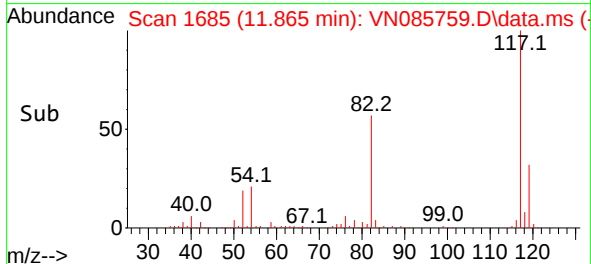
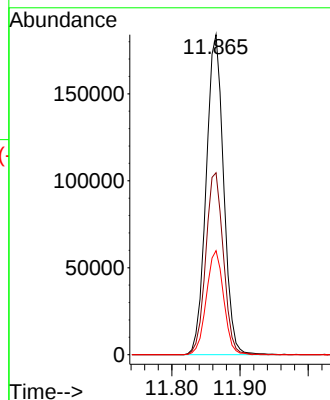
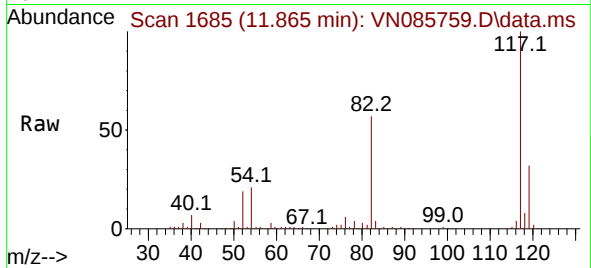




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP-1-WC

Tgt Ion:117 Resp: 327931  
Ion Ratio Lower Upper  
117 100  
82 56.8 48.6 72.8  
119 32.5 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085759.D  
Acq: 11 Feb 2025 20:49

Tgt Ion:152 Resp: 123709  
Ion Ratio Lower Upper  
152 100  
115 60.7 31.1 93.3  
150 155.5 0.0 343.6

