

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070725\  
 Data File : VN087292.D  
 Acq On : 07 Jul 2025 13:47  
 Operator : JC\MD  
 Sample : Q2493-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-11

Quant Time: Jul 08 01:34:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N063025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:15:00 2025  
 Response via : Initial Calibration

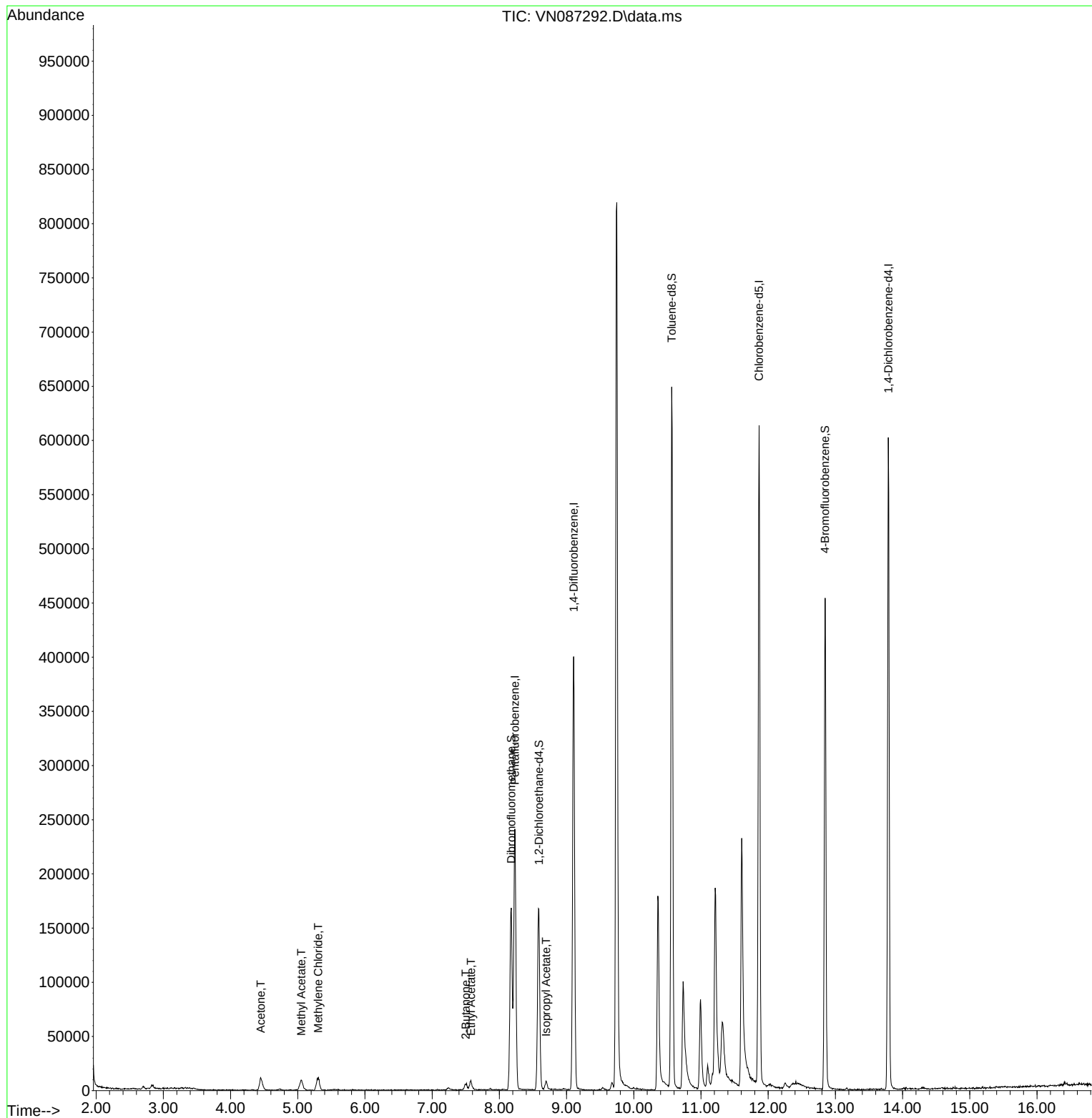
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 191828   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 366774   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 365232   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 175013   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 141139   | 58.623   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 117.240% |          |
| 35) Dibromofluoromethane    | 8.177  | 113   | 125584   | 53.475   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.940% |          |
| 50) Toluene-d8              | 10.565 | 98    | 463524   | 50.637   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.280% |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 158798   | 48.755   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 97.520%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.448  | 43    | 21815    | 23.700   | ug/l       | 96       |
| 18) Methyl Acetate          | 5.053  | 43    | 19821    | 9.407    | ug/l       | 95       |
| 20) Methylene Chloride      | 5.306  | 84    | 10048    | 4.928    | ug/l       | 92       |
| 25) 2-Butanone              | 7.500  | 43    | 9909     | 6.889    | ug/l       | 94       |
| 37) Ethyl Acetate           | 7.577  | 43    | 12867    | 3.748    | ug/l       | 98       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 8541     | 1.604    | ug/l #     | 89       |
| -----                       |        |       |          |          |            |          |

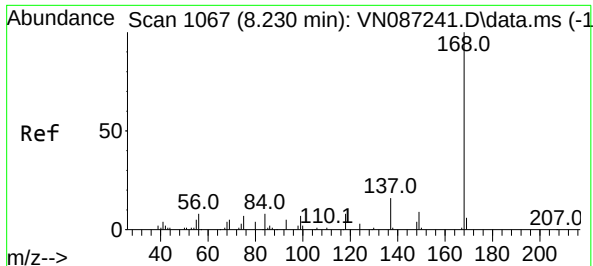
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jul 01 03:15:00 2025  
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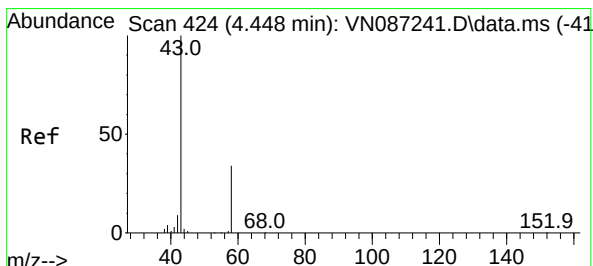
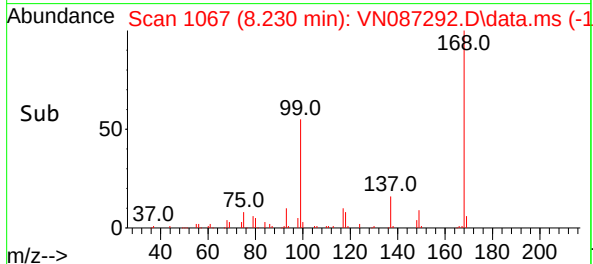
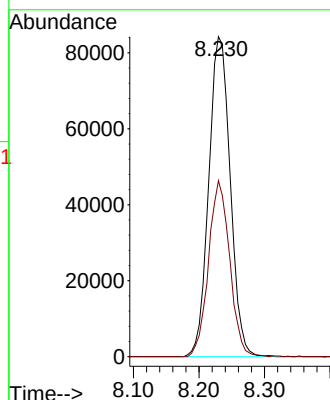
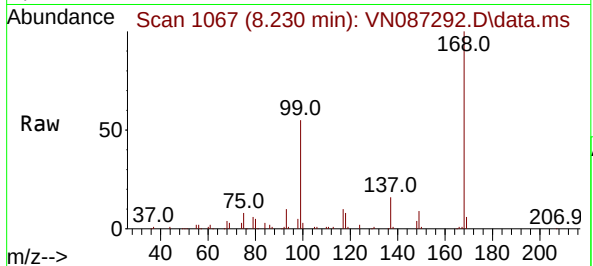




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

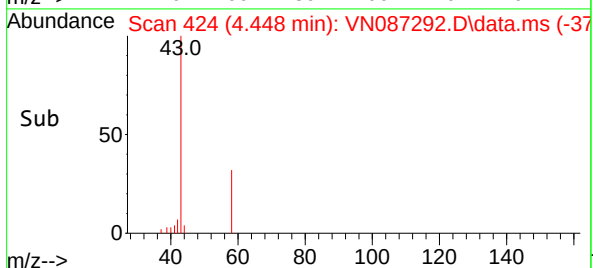
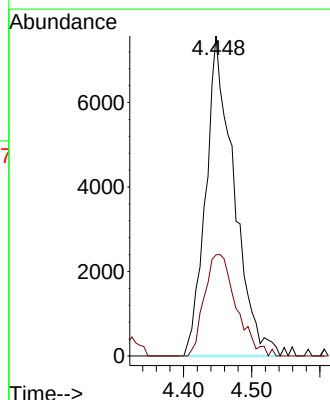
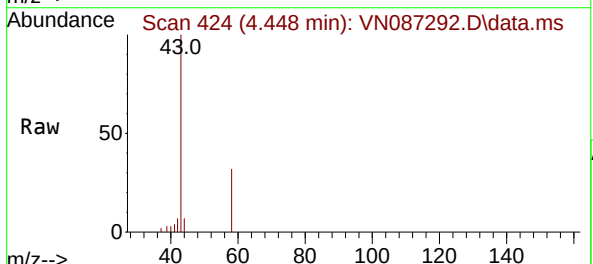
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-11

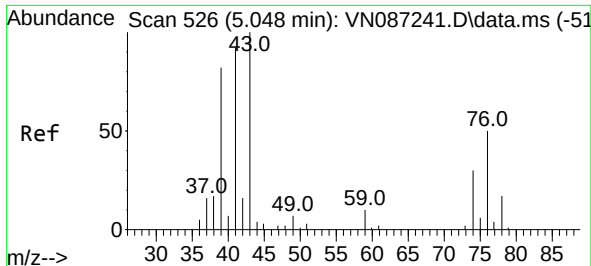
Tgt Ion:168 Resp: 191828  
Ion Ratio Lower Upper  
168 100  
99 55.0 42.6 64.0



#16  
Acetone  
Concen: 23.700 ug/l  
RT: 4.448 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Tgt Ion: 43 Resp: 21815  
Ion Ratio Lower Upper  
43 100  
58 31.6 27.1 40.7

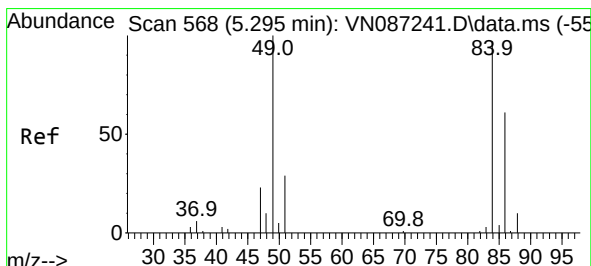
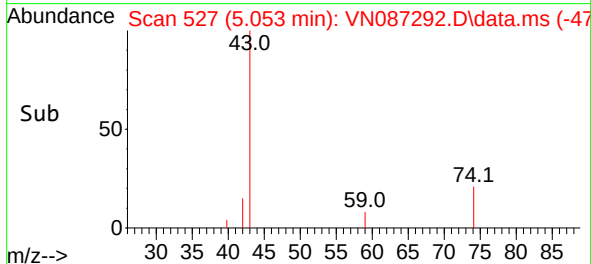
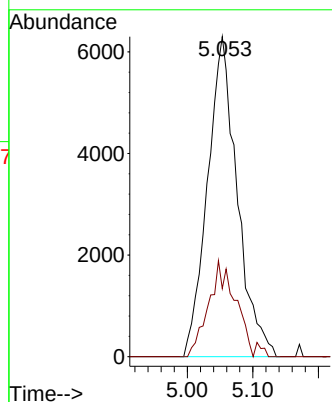
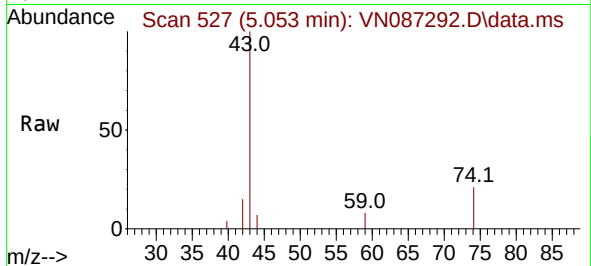




#18  
Methyl Acetate  
Concen: 9.407 ug/l  
RT: 5.053 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

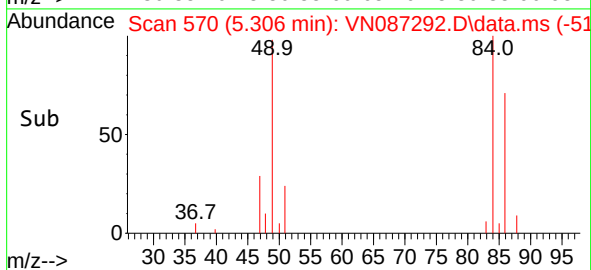
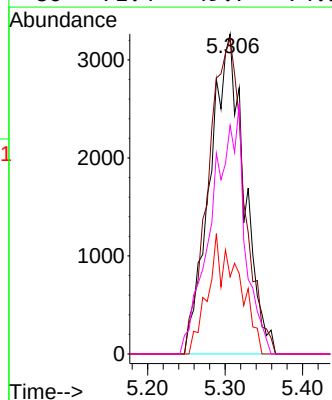
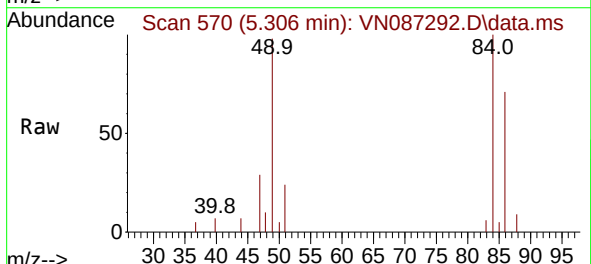
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-11

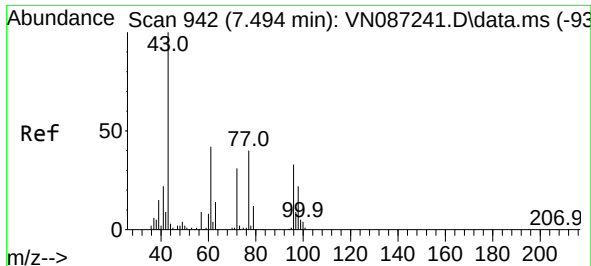
Tgt Ion: 43 Resp: 19821  
Ion Ratio Lower Upper  
43 100  
74 27.0 23.8 35.6



#20  
Methylene Chloride  
Concen: 4.928 ug/l  
RT: 5.306 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Tgt Ion: 84 Resp: 10048  
Ion Ratio Lower Upper  
84 100  
49 98.5 82.1 123.1  
51 24.1 23.5 35.3  
86 71.4 49.7 74.5

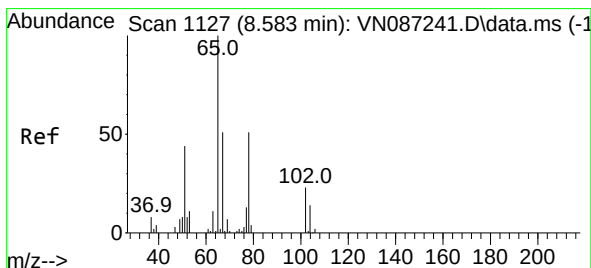
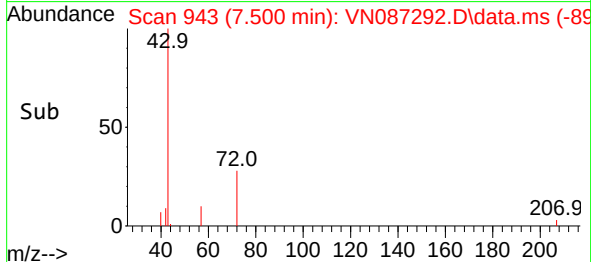
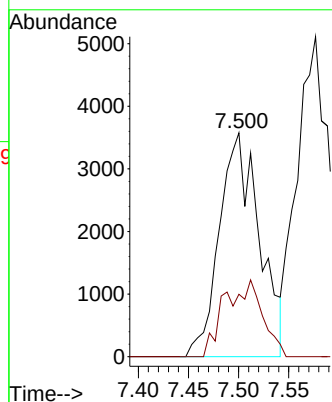
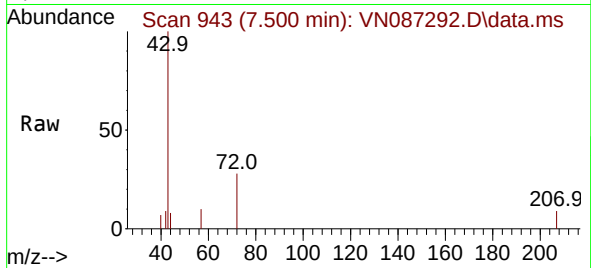




#25  
2-Butanone  
Concen: 6.889 ug/l  
RT: 7.500 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

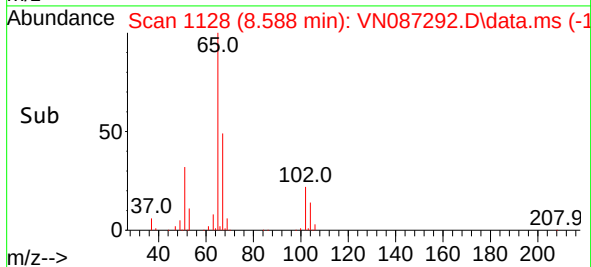
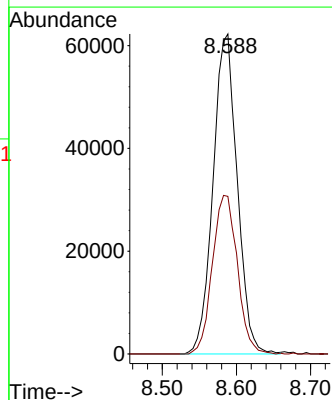
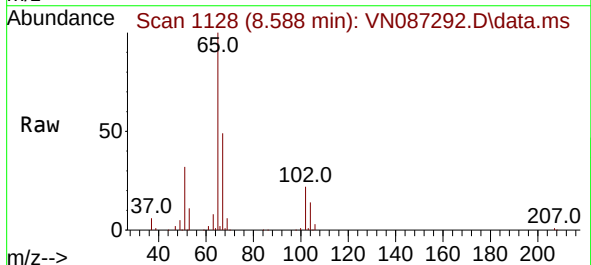
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-11

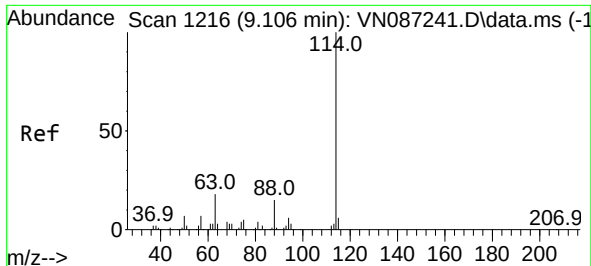
Tgt Ion: 43 Resp: 9909  
Ion Ratio Lower Upper  
43 100  
72 27.9 24.8 37.2



#33  
1,2-Dichloroethane-d4  
Concen: 58.623 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Tgt Ion: 65 Resp: 141139  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087292.D

Acq: 07 Jul 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

WC-11

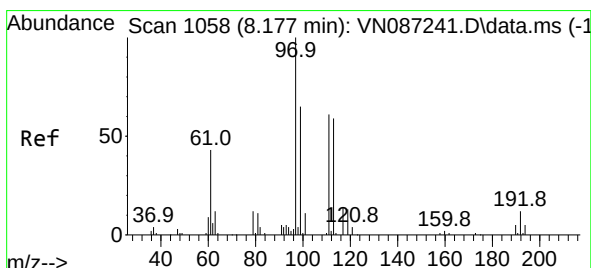
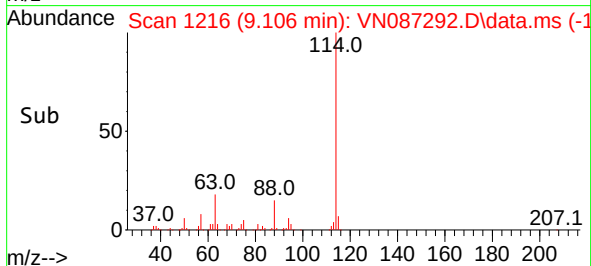
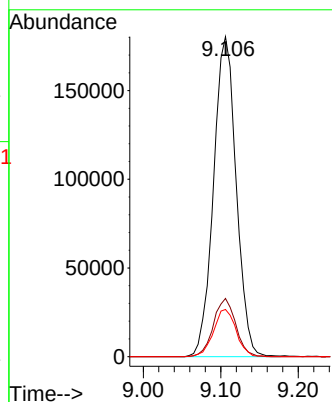
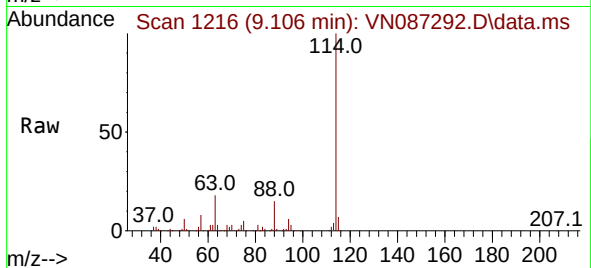
Tgt Ion:114 Resp: 366774

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 53.475 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087292.D

Acq: 07 Jul 2025 13:47

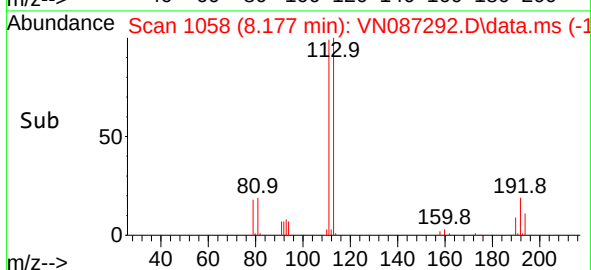
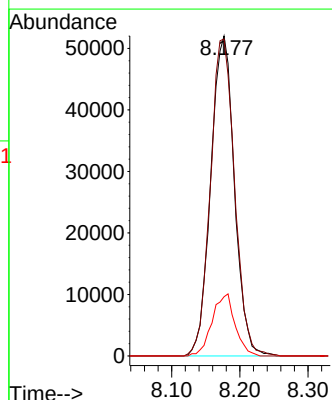
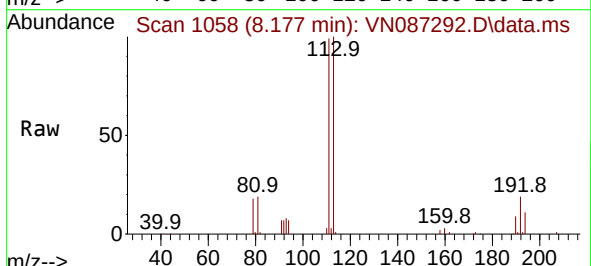
Tgt Ion:113 Resp: 125584

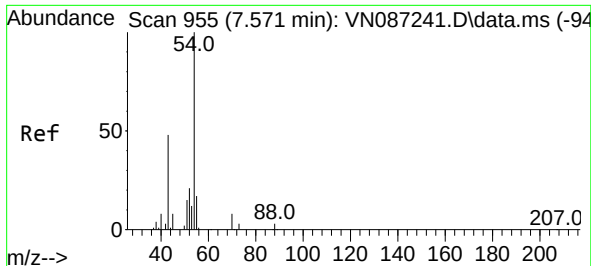
Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.2

192 18.8 15.1 22.7





#37

Ethyl Acetate

Concen: 3.748 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087292.D

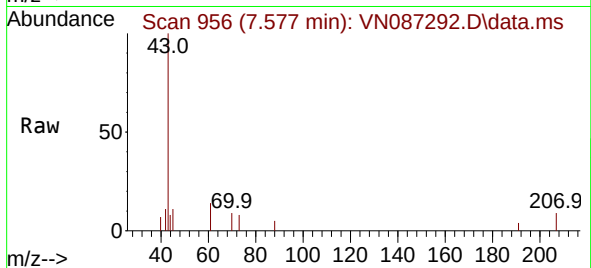
Acq: 07 Jul 2025 13:47

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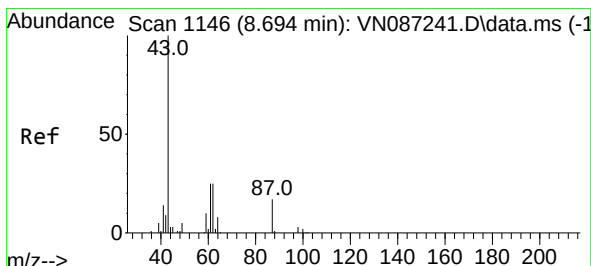
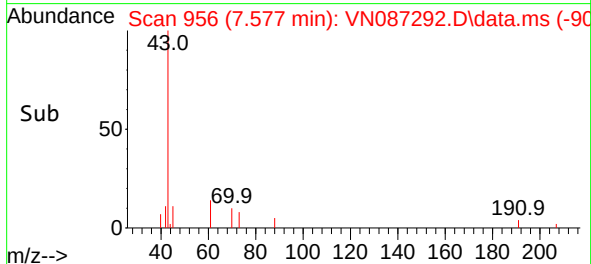
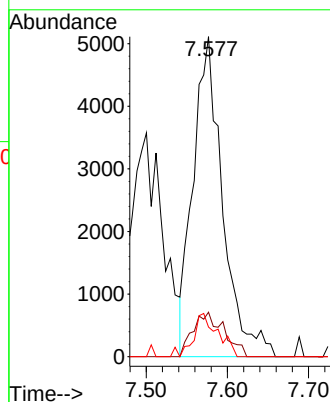
Tgt Ion: 43 Resp: 12867

Ion Ratio Lower Upper

43 100

61 14.6 11.3 16.9

70 11.3 9.9 14.9



#43

Isopropyl Acetate

Concen: 1.604 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN087292.D

Acq: 07 Jul 2025 13:47

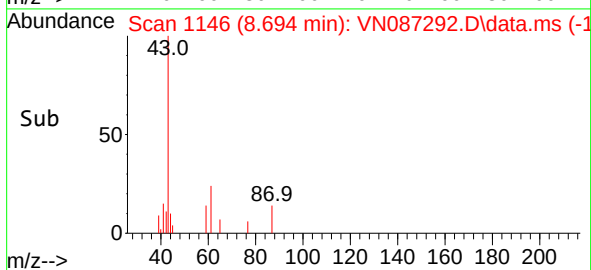
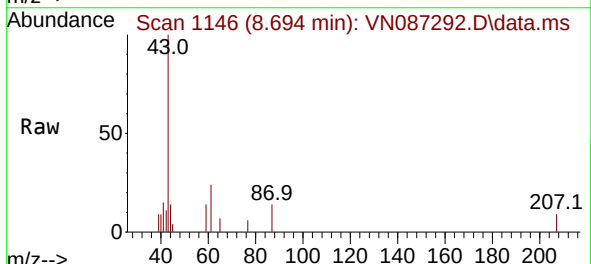
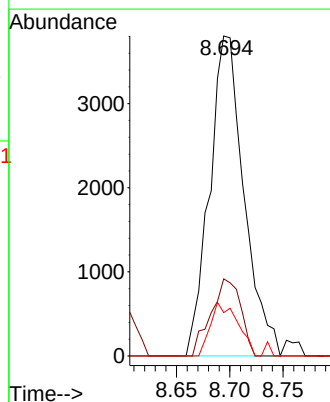
Tgt Ion: 43 Resp: 8541

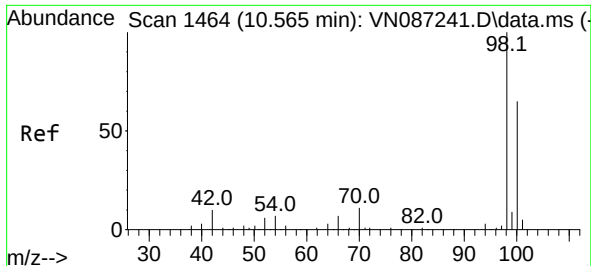
Ion Ratio Lower Upper

43 100

61 20.9 22.4 33.6#

87 13.3 12.8 19.2

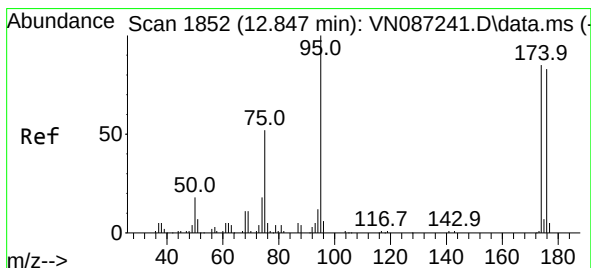
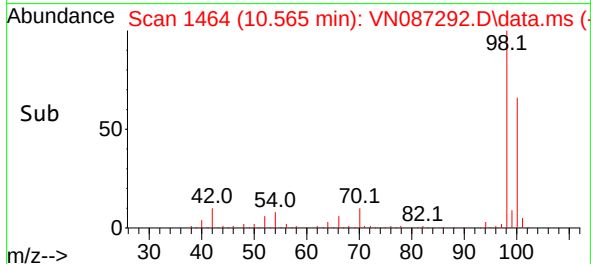
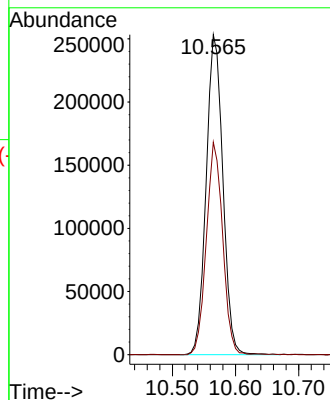
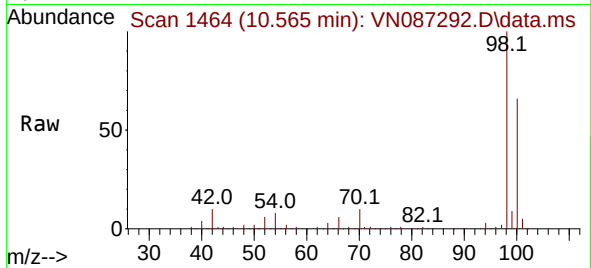




#50  
Toluene-d8  
Concen: 50.637 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

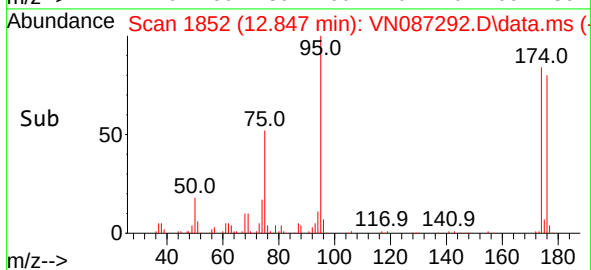
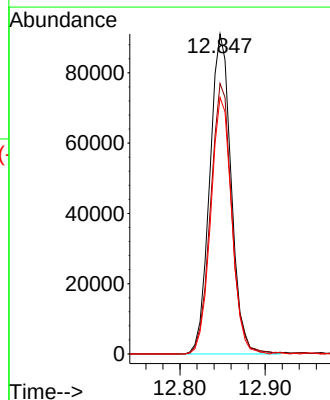
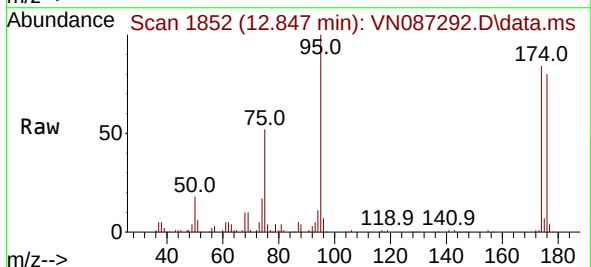
Instrument :  
MSVOA\_N  
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Tgt Ion: 98 Resp: 463524  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1

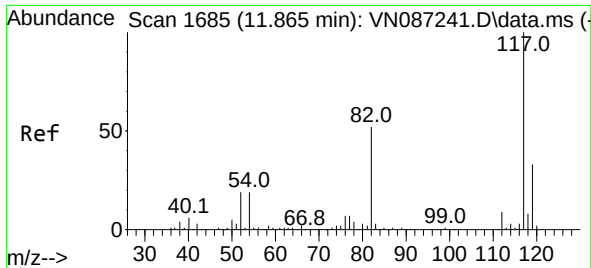


#62  
4-Bromofluorobenzene  
Concen: 48.755 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Tgt Ion: 95 Resp: 158798  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 169.6  
176 78.4 0.0 161.6



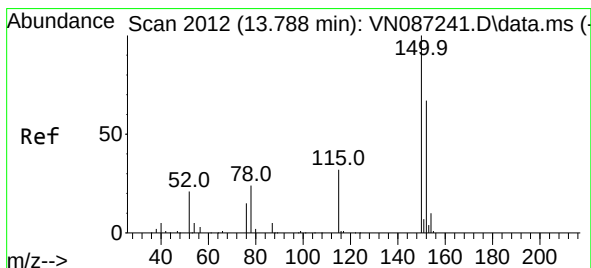
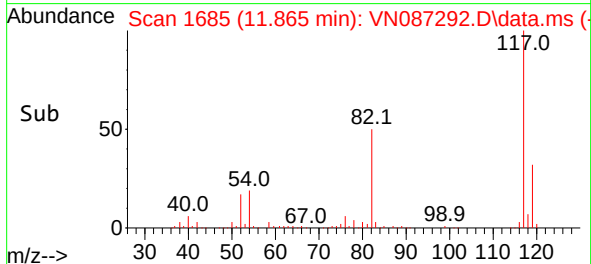
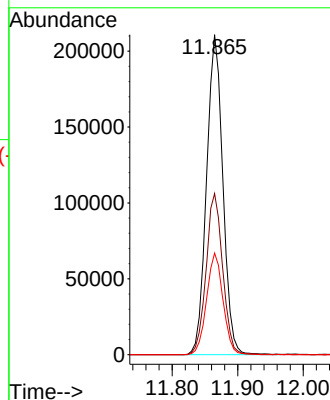
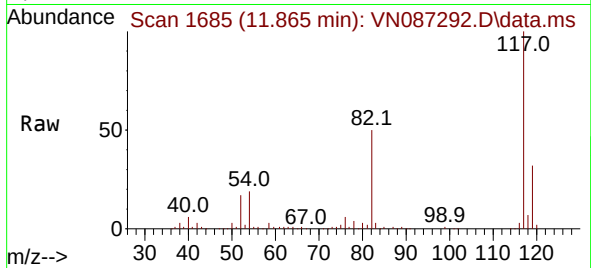




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 365232  
Ion Ratio Lower Upper  
117 100  
82 50.3 41.9 62.9  
119 31.8 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN087292.D  
Acq: 07 Jul 2025 13:47

Tgt Ion:152 Resp: 175013  
Ion Ratio Lower Upper  
152 100  
115 56.2 28.3 84.9  
150 157.7 0.0 344.6

