

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102224\  
 Data File : VN084463.D  
 Acq On : 22 Oct 2024 18:46  
 Operator : JC\MD  
 Sample : P4460-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WB-303-BOT

Quant Time: Oct 23 01:32:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

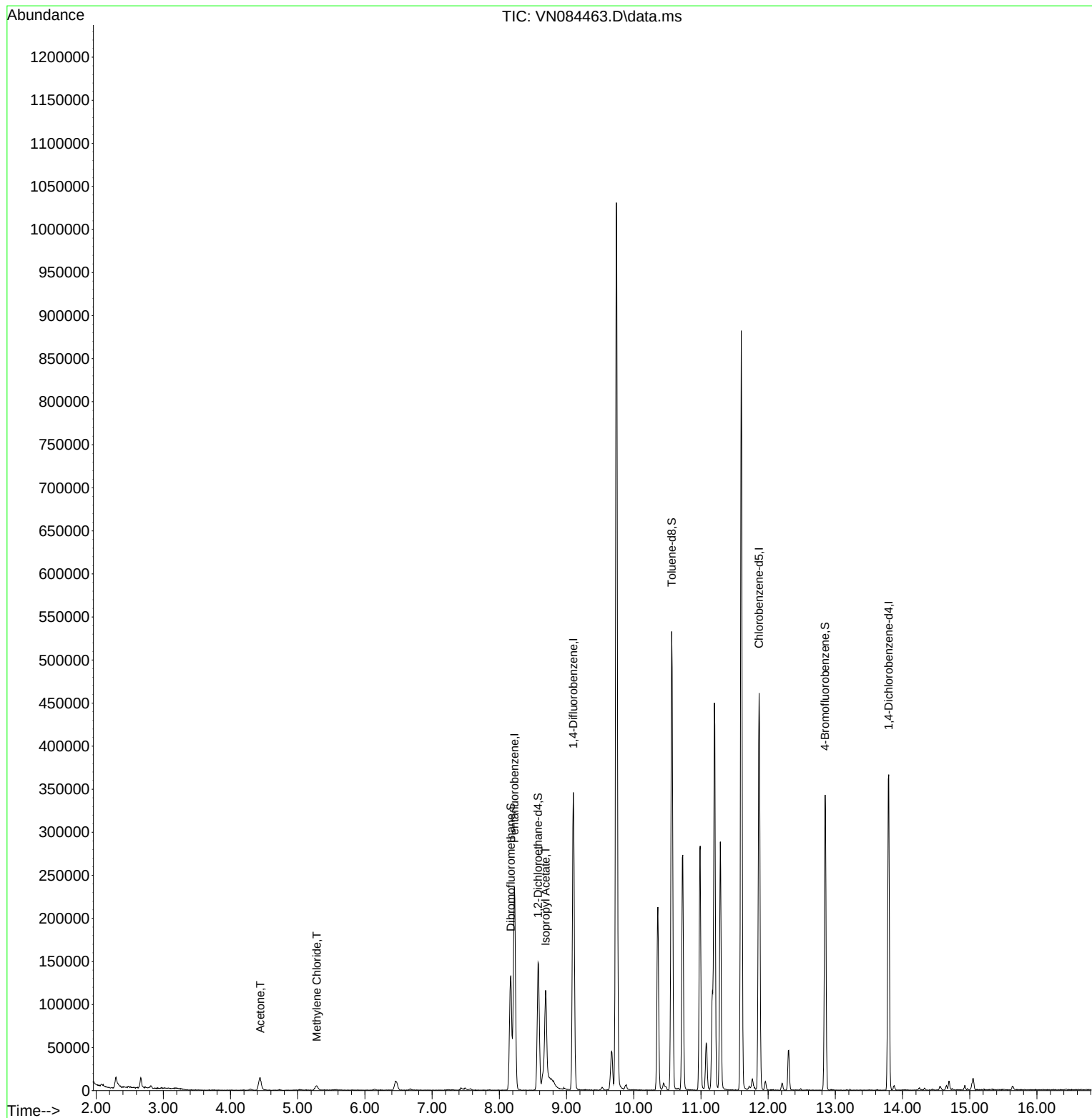
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 163501   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 298176   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 267301   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 97626    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 120367   | 49.652   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 99.300%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 97567    | 49.633   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.260%  |
| 50) Toluene-d8              | 10.565 | 98    | 365187   | 50.494   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 100.980% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 119941   | 45.522   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 91.040%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.442  | 43    | 27887    | 26.779   | ug/l   | 94       |
| 20) Methylene Chloride      | 5.283  | 84    | 4490     | 2.121    | ug/l # | 66       |
| 43) Isopropyl Acetate       | 8.688  | 43    | 154605   | 26.945   | ug/l # | 83       |
| -----                       |        |       |          |          |        |          |

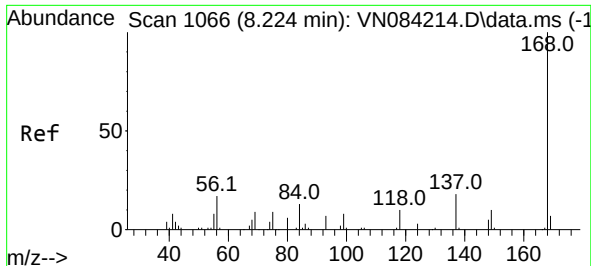
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102224\  
Data File : VN084463.D  
Acq On : 22 Oct 2024 18:46  
Operator : JC\MD  
Sample : P4460-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-303-BOT

Quant Time: Oct 23 01:32:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration

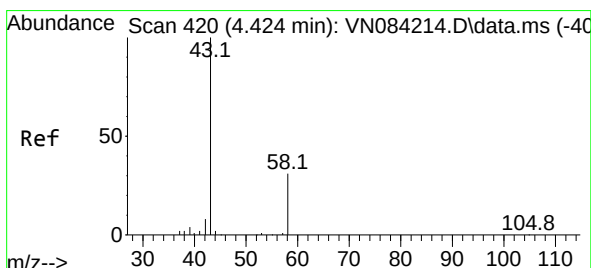
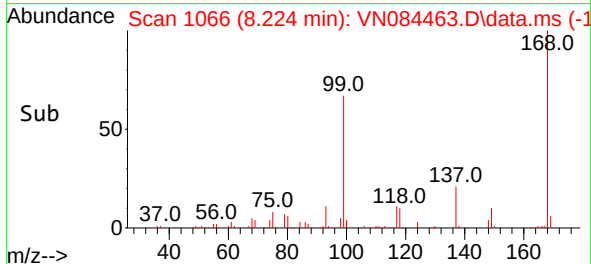
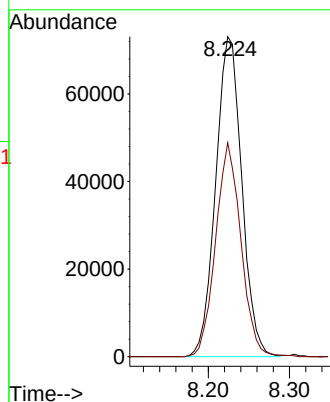
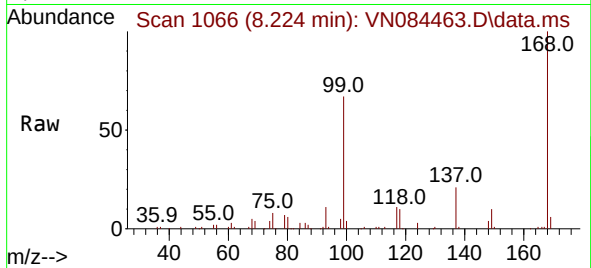




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

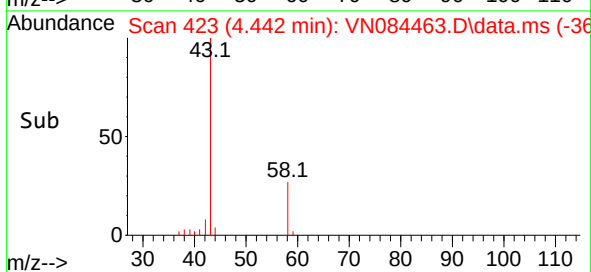
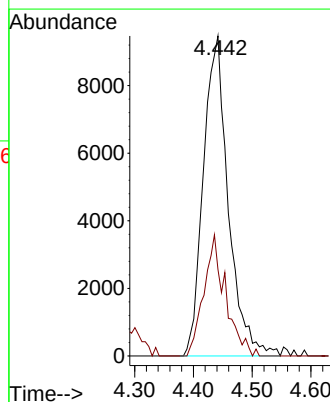
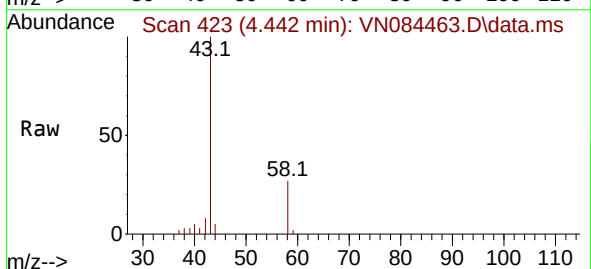
Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-303-BOT

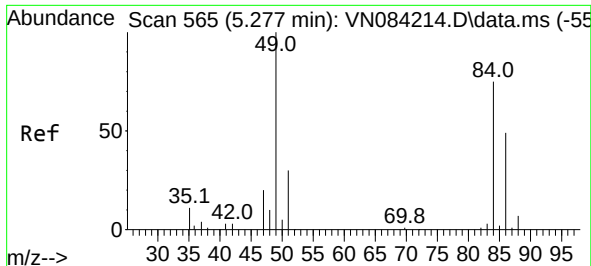
Tgt Ion:168 Resp: 163501  
Ion Ratio Lower Upper  
168 100  
99 66.9 54.2 81.2



#16  
Acetone  
Concen: 26.779 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

Tgt Ion: 43 Resp: 27887  
Ion Ratio Lower Upper  
43 100  
58 27.0 24.4 36.6

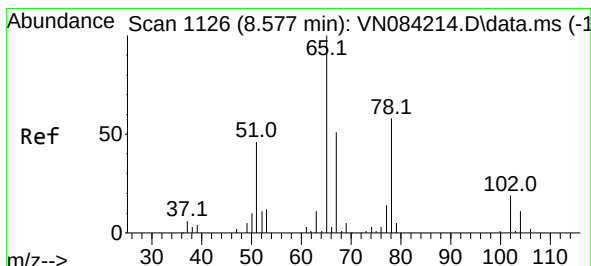
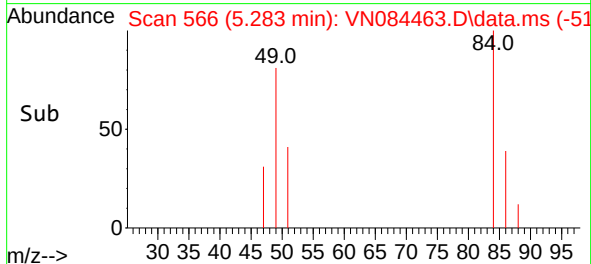
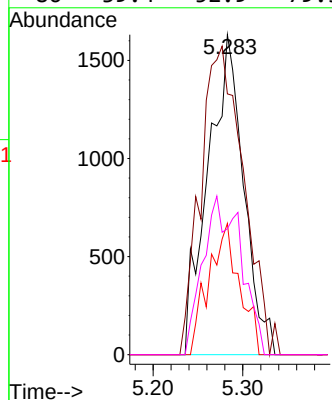
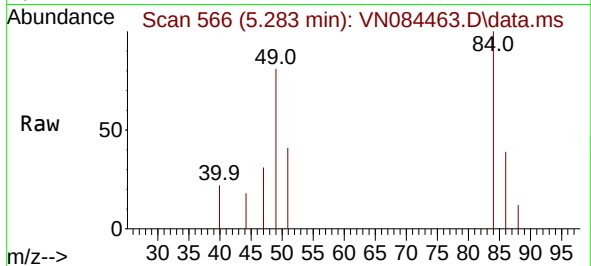




#20  
Methylene Chloride  
Concen: 2.121 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

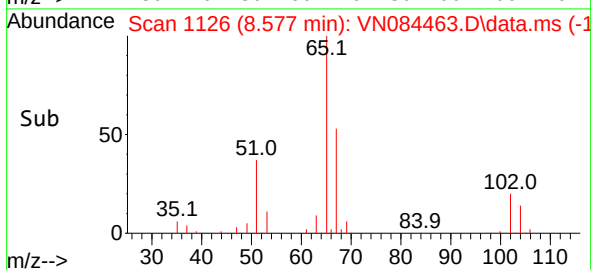
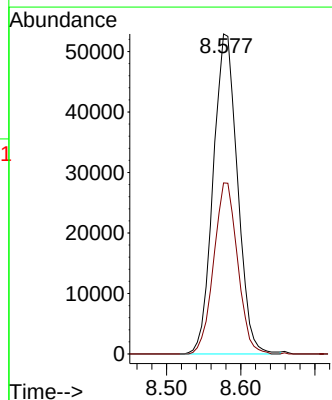
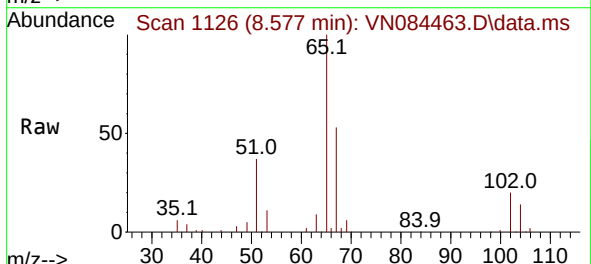
Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-303-BOT

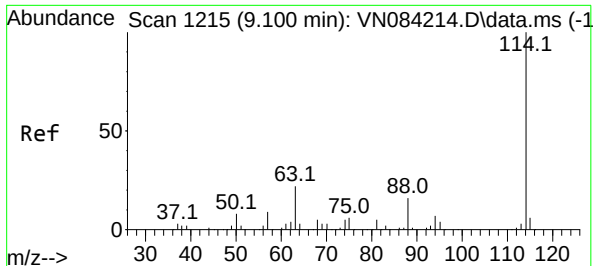
Tgt Ion: 84 Resp: 4490  
Ion Ratio Lower Upper  
84 100  
49 81.5 107.2 160.8#  
51 41.0 31.8 47.8  
86 39.4 52.9 79.3#



#33  
1,2-Dichloroethane-d4  
Concen: 49.652 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

Tgt Ion: 65 Resp: 120367  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

Instrument :

MSVOA\_N

ClientSampleId :

WB-303-BOT

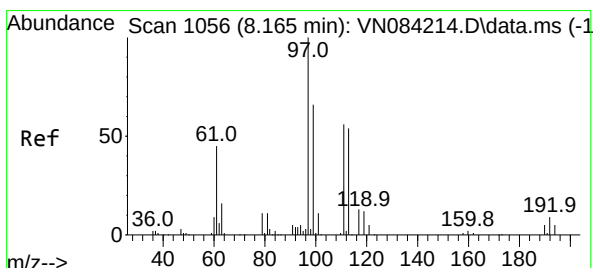
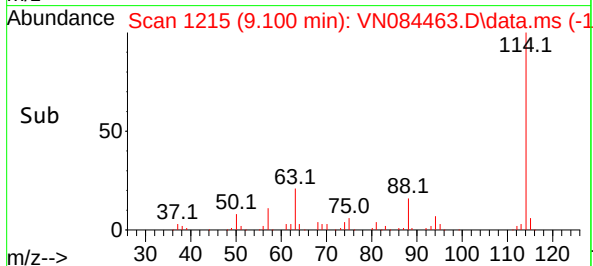
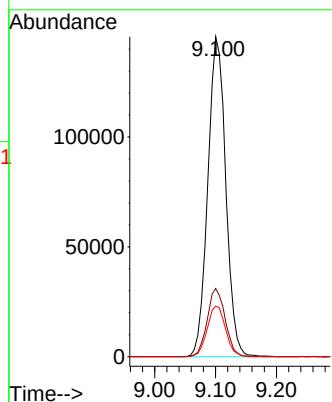
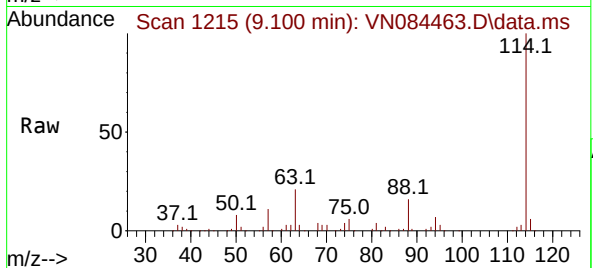
Tgt Ion:114 Resp: 298176

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

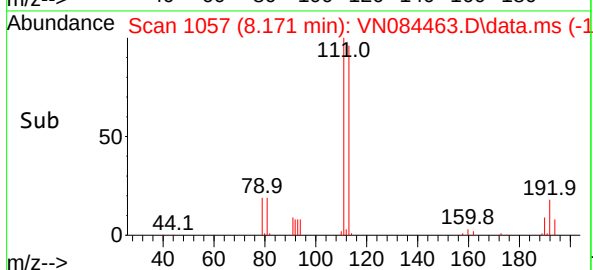
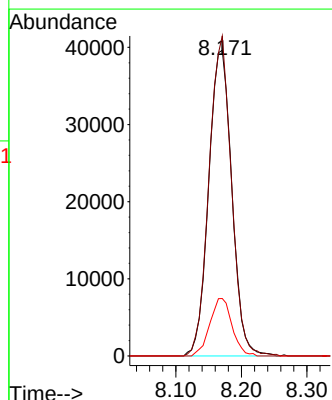
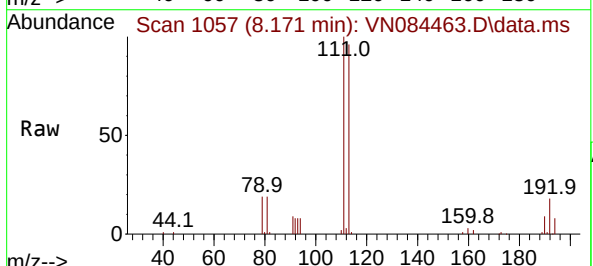
Tgt Ion:113 Resp: 97567

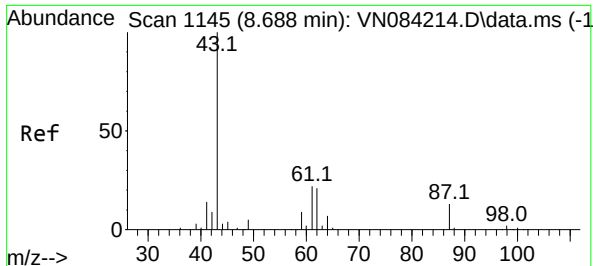
Ion Ratio Lower Upper

113 100

111 100.9 83.3 124.9

192 18.0 13.5 20.3





#43

Isopropyl Acetate

Concen: 26.945 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

Instrument :

MSVOA\_N

ClientSampleId :

WB-303-BOT

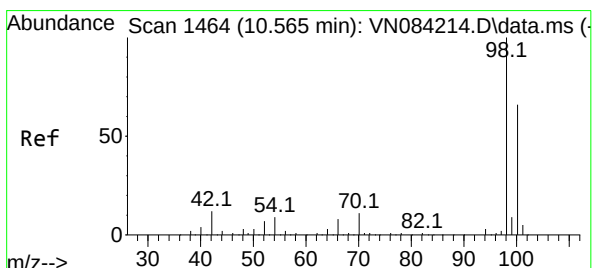
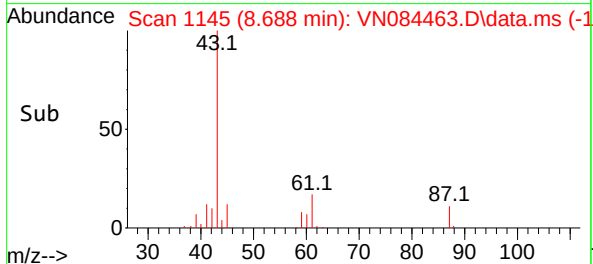
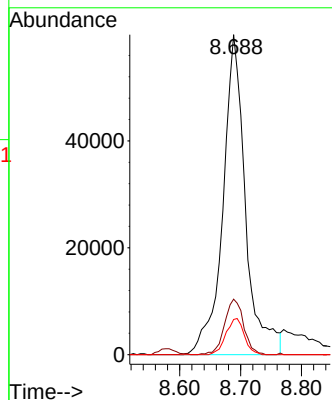
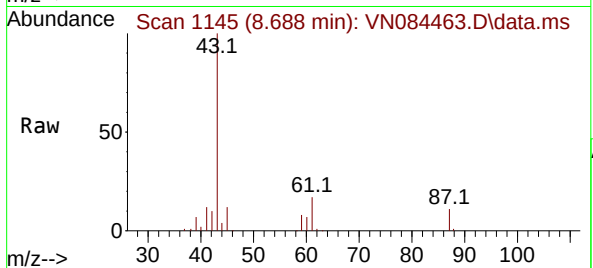
Tgt Ion: 43 Resp: 154605

Ion Ratio Lower Upper

43 100

61 14.7 20.4 30.6#

87 9.1 10.3 15.5#



#50

Toluene-d8

Concen: 50.494 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084463.D

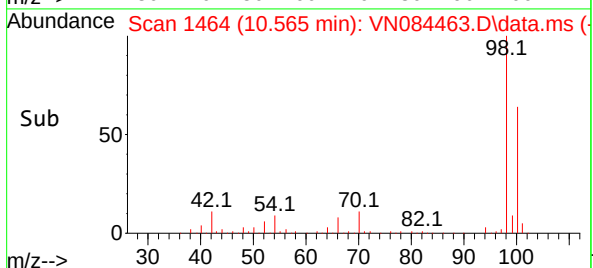
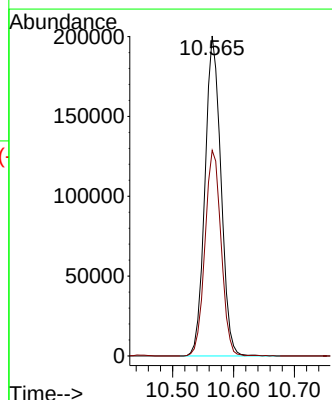
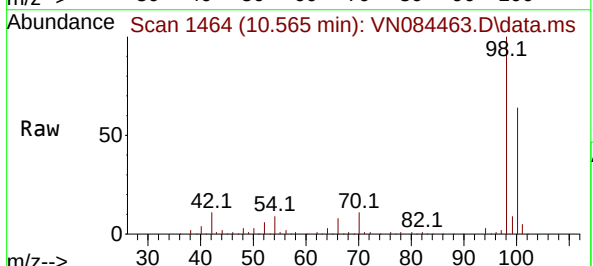
Acq: 22 Oct 2024 18:46

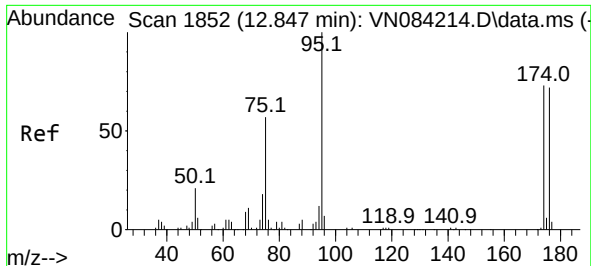
Tgt Ion: 98 Resp: 365187

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1

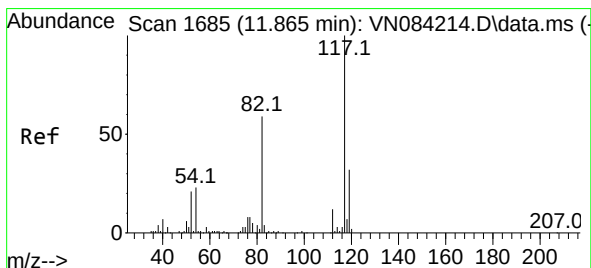
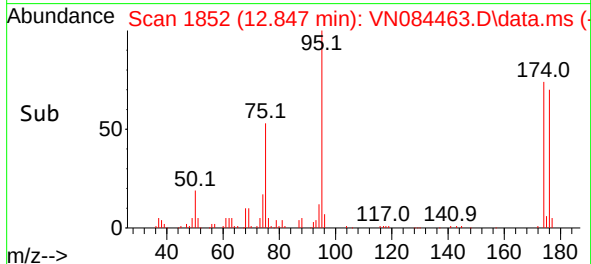
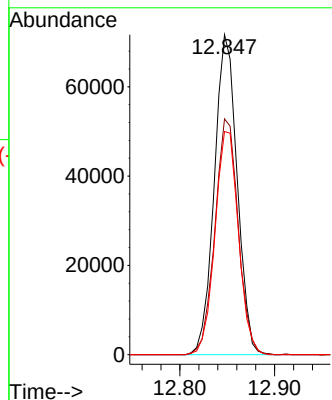
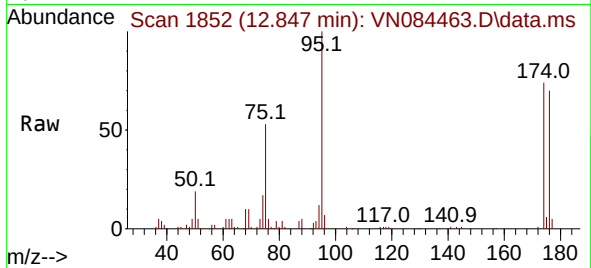




#62  
4-Bromofluorobenzene  
Concen: 45.522 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

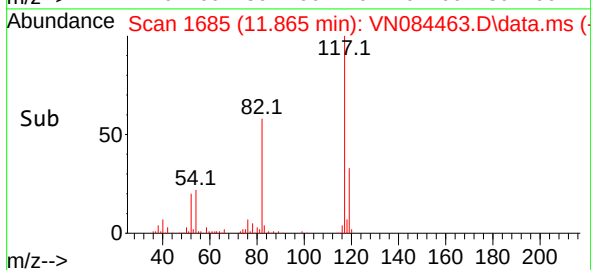
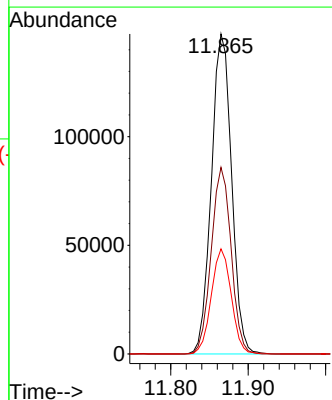
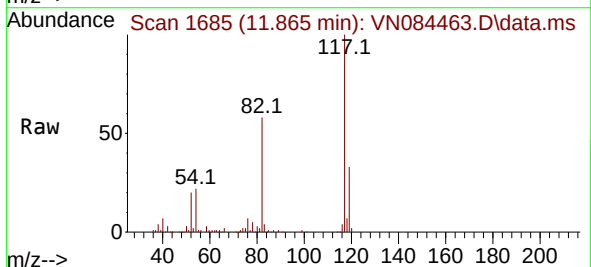
Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-303-BOT

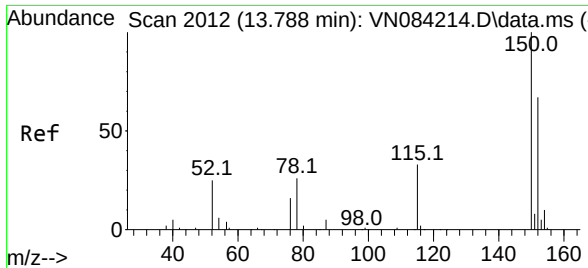
Tgt Ion: 95 Resp: 119941  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 145.2  
176 71.7 0.0 140.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN084463.D  
Acq: 22 Oct 2024 18:46

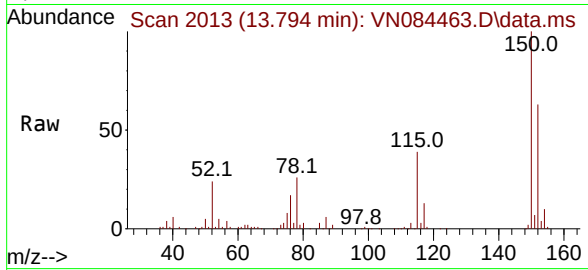
Tgt Ion: 117 Resp: 267301  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.2 70.8  
119 32.8 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN084463.D  
 Acq: 22 Oct 2024 18:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WB-303-BOT



Tgt Ion:152 Resp: 97626  
 Ion Ratio Lower Upper  
 152 100  
 115 65.0 31.3 93.9  
 150 160.3 0.0 349.8

