

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071024\  
 Data File : VN082853.D  
 Acq On : 10 Jul 2024 14:24  
 Operator : JC\MD  
 Sample : P3170-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WATER-DRUMS

Quant Time: Jul 11 03:48:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

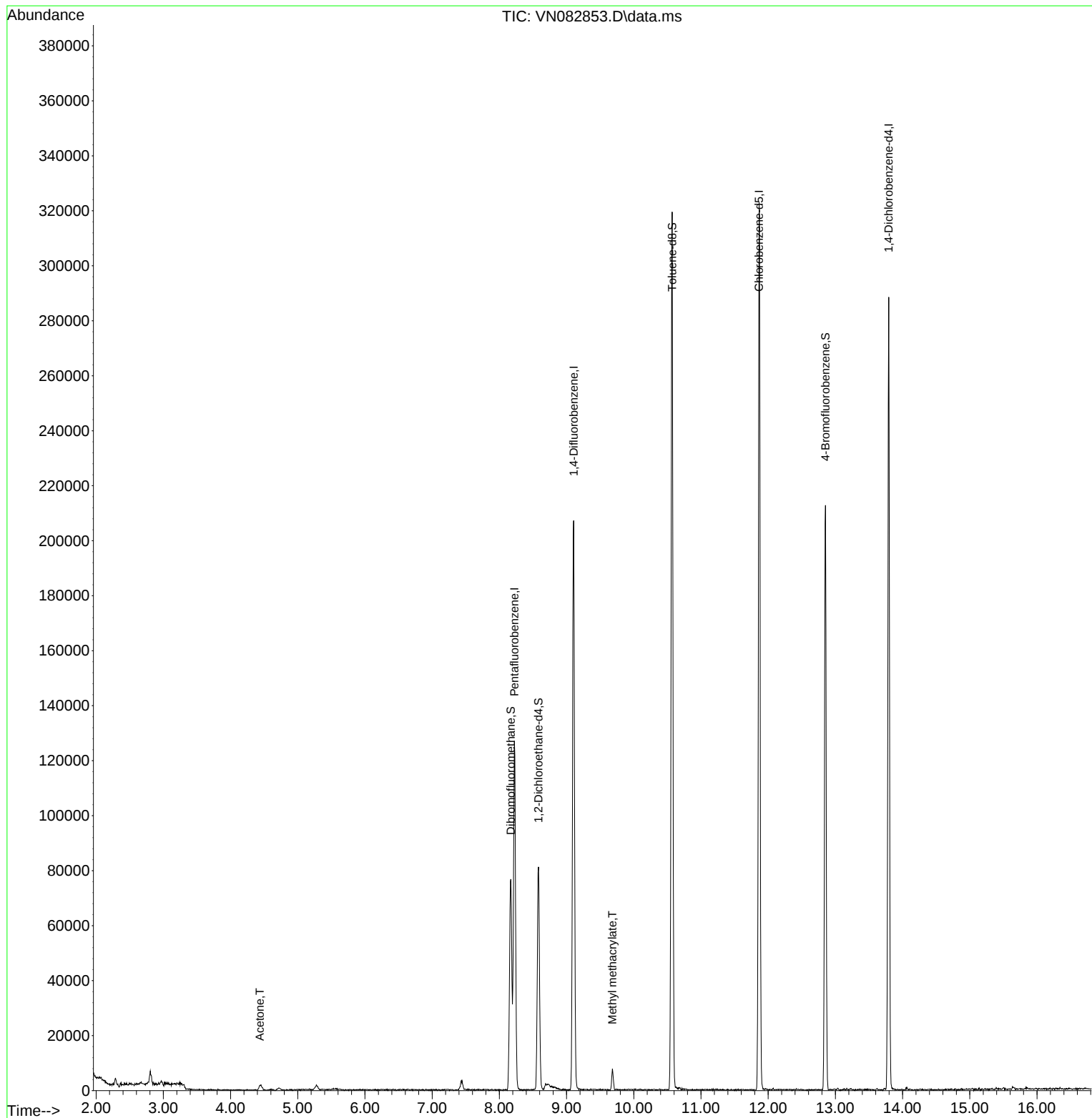
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224     | 168   | 88756    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 174992   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 179903   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 74146    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 67690    | 54.405   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 108.820% |          |
| 35) Dibromofluoromethane    | 8.171     | 113   | 56180    | 50.032   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 100.060% |          |
| 50) Toluene-d8              | 10.571    | 98    | 216264   | 52.145   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 104.300% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 69895    | 46.917   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | = 93.840%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.436     | 43    | 2210     | 5.045    | ug/l #     | 82       |
| 48) Methyl methacrylate     | 9.682     | 41    | 3748     | 3.033    | ug/l #     | 89       |
| -----                       |           |       |          |          |            |          |

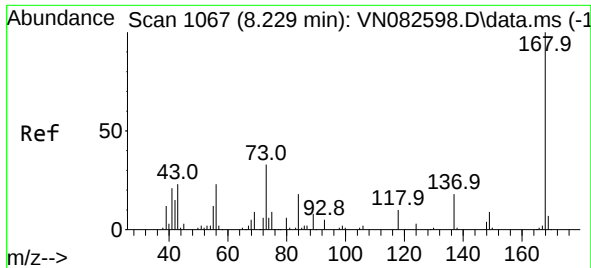
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071024\  
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Sample : P3170-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WATER-DRUMS

Quant Time: Jul 11 03:48:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

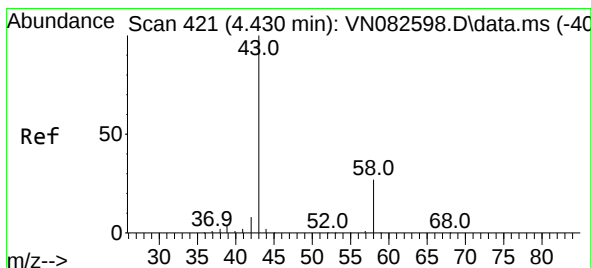
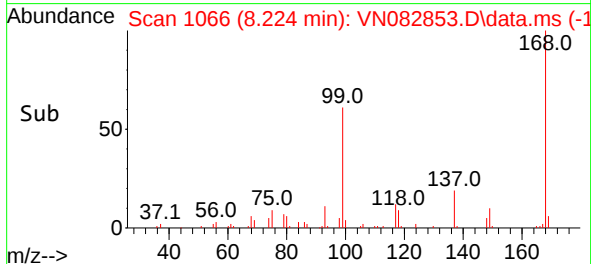
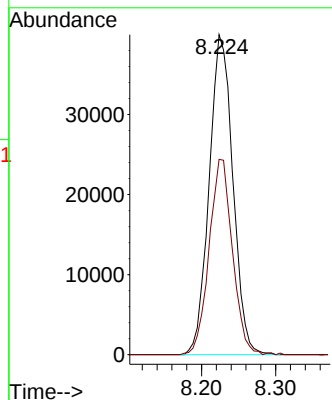
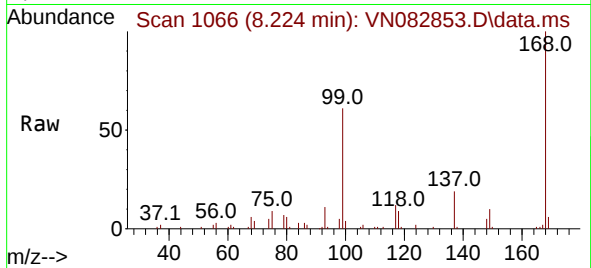




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN082853.D  
Acq: 10 Jul 2024 14:24

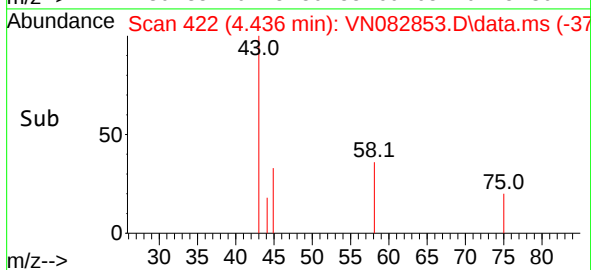
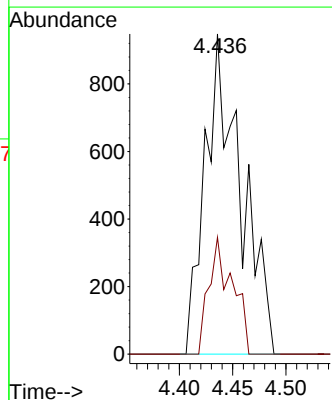
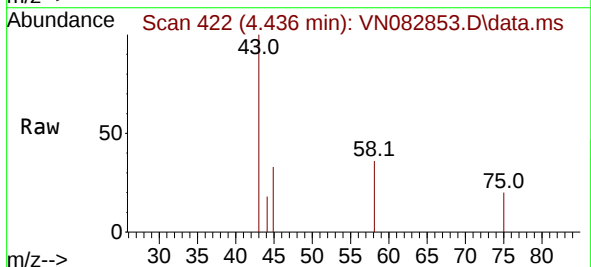
Instrument :  
MSVOA\_N  
ClientSampleId :  
WATER-DRUMS

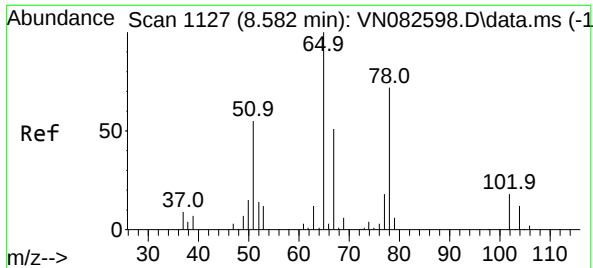
Tgt Ion:168 Resp: 88756  
Ion Ratio Lower Upper  
168 100  
99 61.1 48.2 72.4



#16  
Acetone  
Concen: 5.045 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN082853.D  
Acq: 10 Jul 2024 14:24

Tgt Ion: 43 Resp: 2210  
Ion Ratio Lower Upper  
43 100  
58 36.5 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 54.405 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

Instrument :

MSVOA\_N

ClientSampleId :

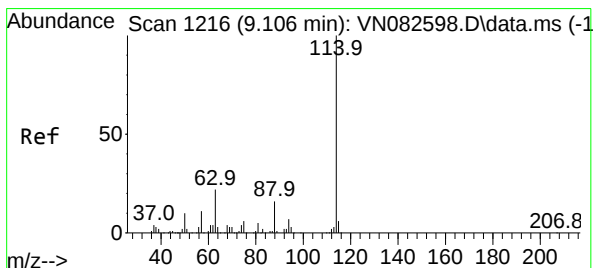
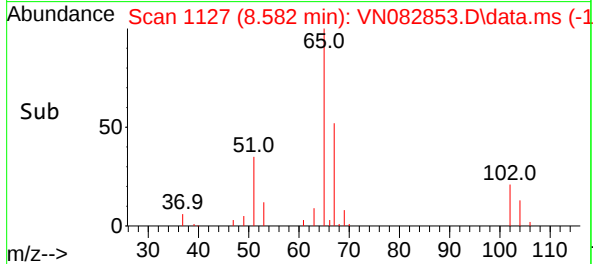
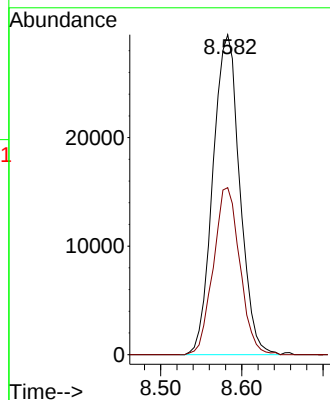
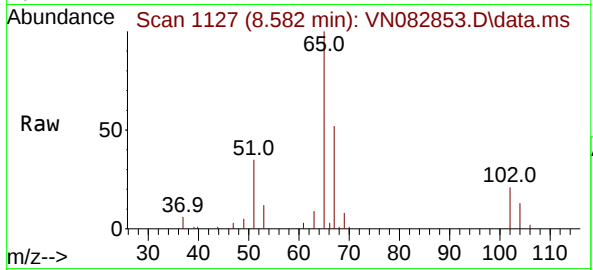
WATER-DRUMS

Tgt Ion: 65 Resp: 67690

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

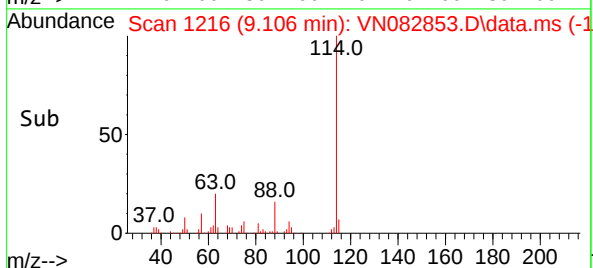
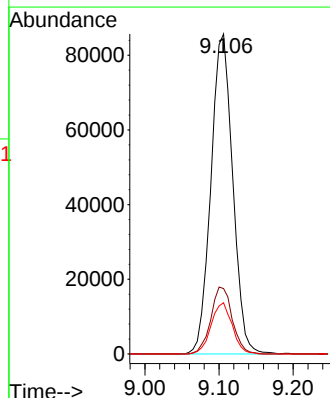
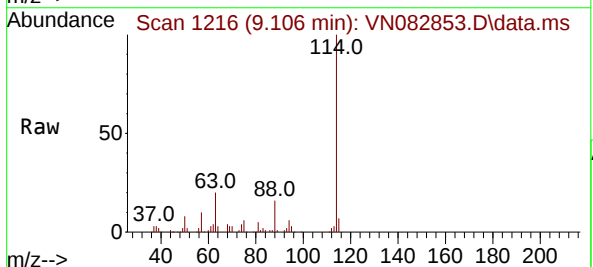
Tgt Ion: 114 Resp: 174992

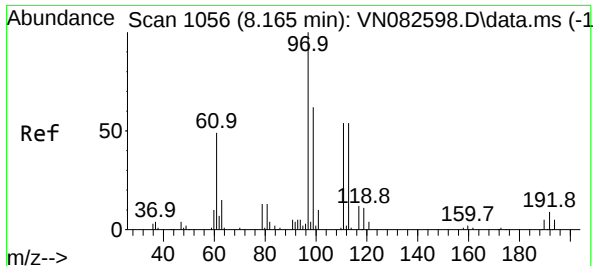
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.032 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

Instrument :

MSVOA\_N

ClientSampleId :

WATER-DRUMS

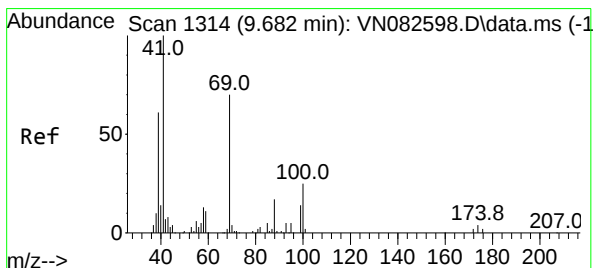
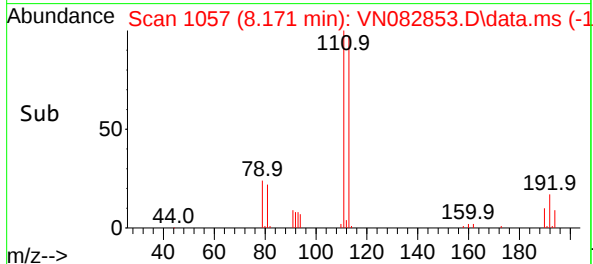
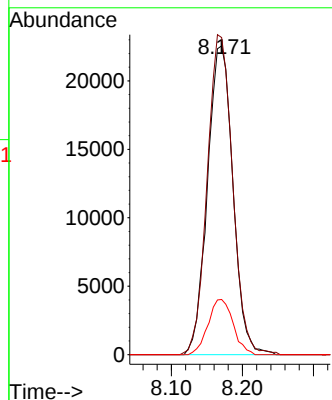
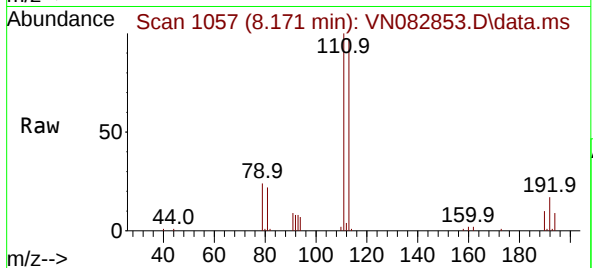
Tgt Ion:113 Resp: 56180

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 17.6 14.9 22.3



#48

Methyl methacrylate

Concen: 3.033 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

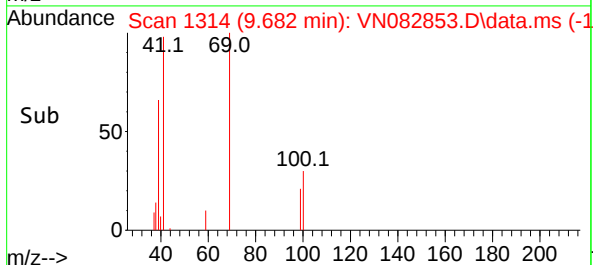
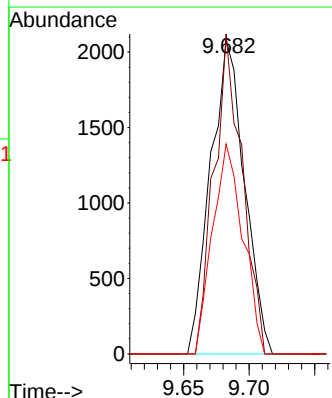
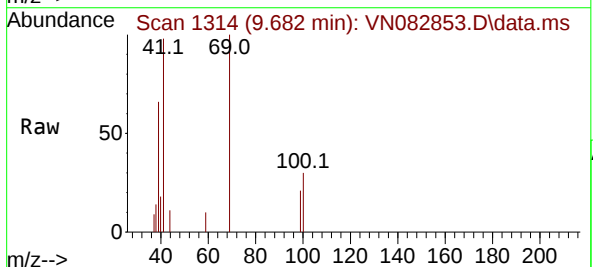
Tgt Ion: 41 Resp: 3748

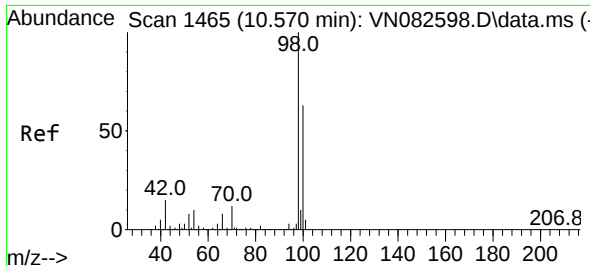
Ion Ratio Lower Upper

41 100

69 84.6 56.3 84.5#

39 59.8 50.3 75.5

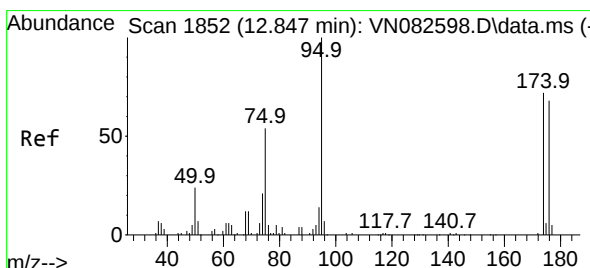
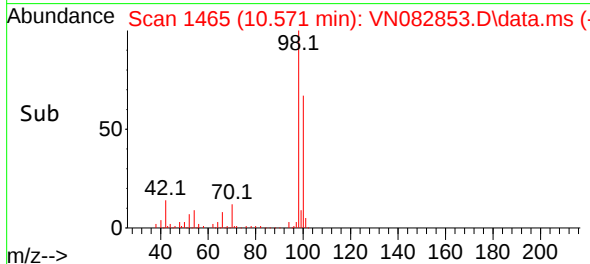
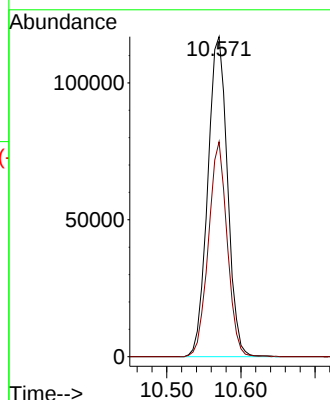
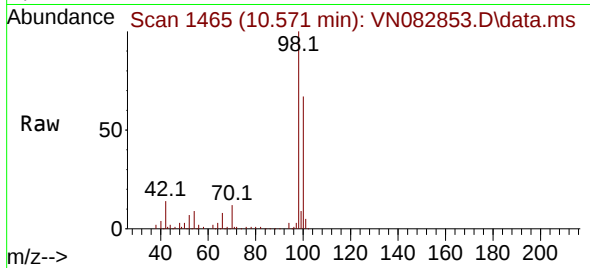




#50  
Toluene-d8  
Concen: 52.145 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN082853.D  
Acq: 10 Jul 2024 14:24

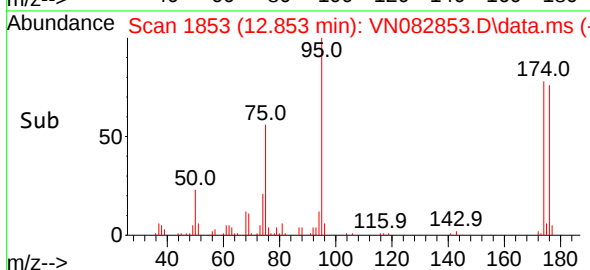
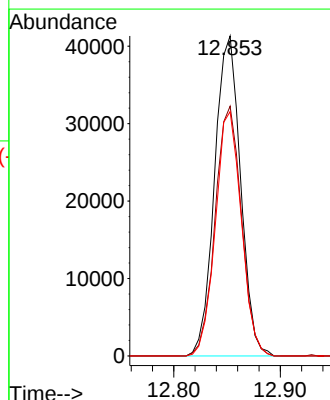
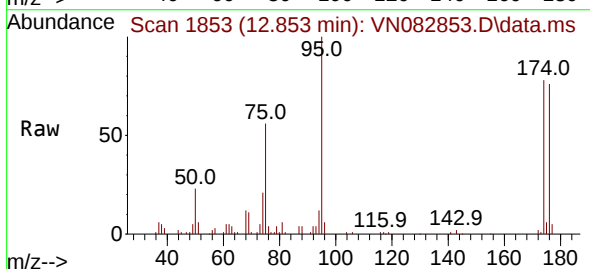
Instrument :  
MSVOA\_N  
ClientSampleId :  
WATER-DRUMS

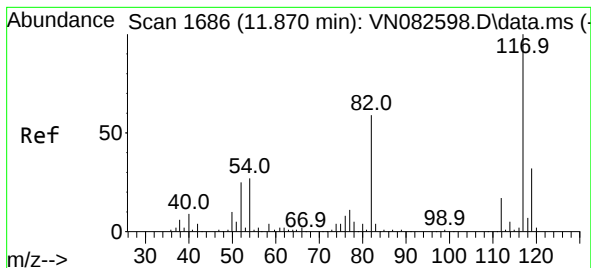
Tgt Ion: 98 Resp: 216264  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 46.917 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082853.D  
Acq: 10 Jul 2024 14:24

Tgt Ion: 95 Resp: 69895  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 159.2  
176 76.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

Instrument :

MSVOA\_N

ClientSampleId :

WATER-DRUMS

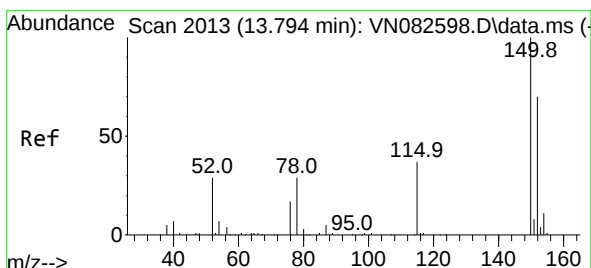
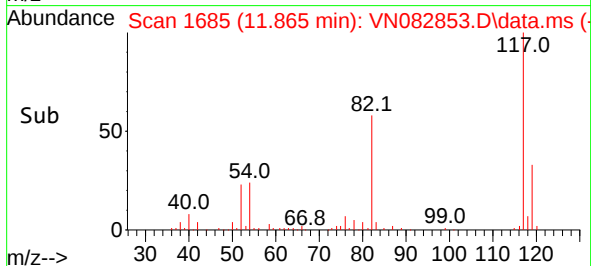
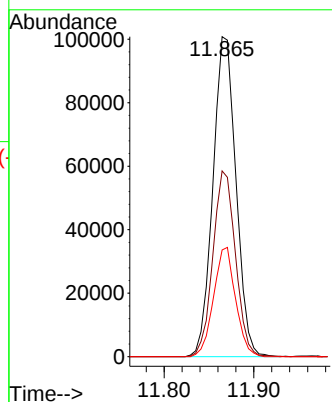
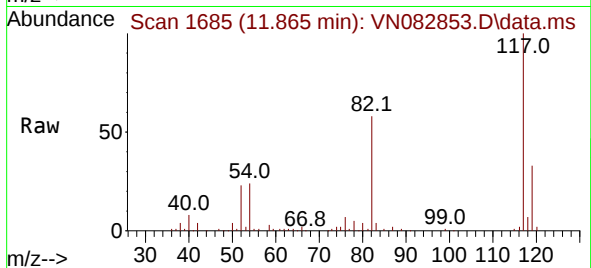
Tgt Ion:117 Resp: 179903

Ion Ratio Lower Upper

117 100

82 58.0 47.5 71.3

119 33.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082853.D

Acq: 10 Jul 2024 14:24

Tgt Ion:152 Resp: 74146

Ion Ratio Lower Upper

152 100

115 60.4 30.6 91.6

150 158.6 0.0 348.6

