

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110623\  
 Data File : VN079938.D  
 Acq On : 06 Nov 2023 21:20  
 Operator : JC\MD  
 Sample : 05256-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-1

Quant Time: Nov 07 04:55:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

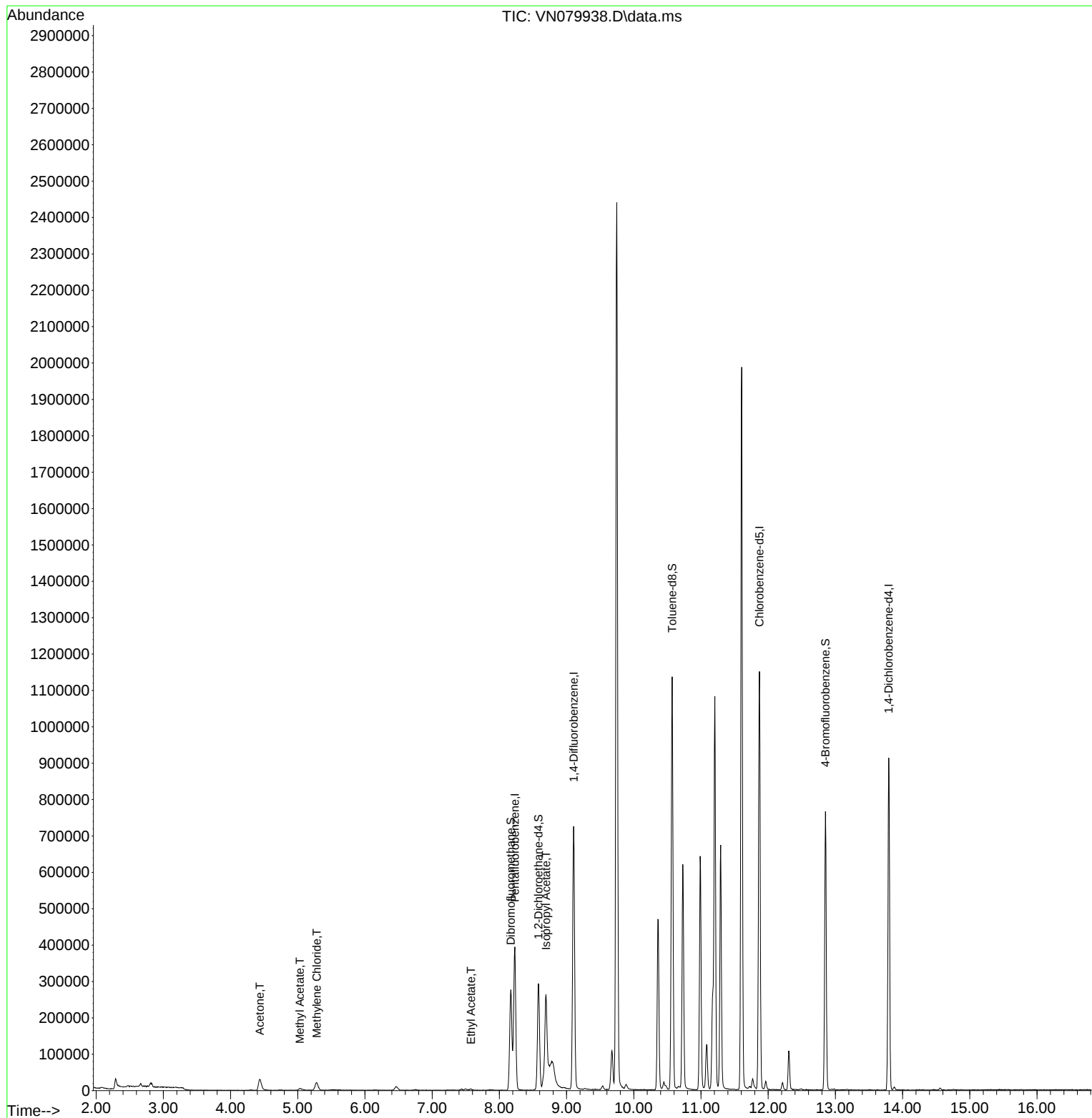
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 271689   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 599761   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 641186   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 234887   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 240684   | 58.146   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 116.300% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 199049   | 46.892   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.780%  |
| 50) Toluene-d8              | 10.570 | 98    | 750247   | 48.010   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 96.020%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 253097   | 48.835   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.680%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.436  | 43    | 61905    | 42.577   | ug/l   | 94       |
| 18) Methyl Acetate          | 5.030  | 43    | 10827    | 1.556    | ug/l # | 78       |
| 20) Methylene Chloride      | 5.283  | 84    | 16172    | 4.408    | ug/l # | 80       |
| 37) Ethyl Acetate           | 7.577  | 43    | 6009     | 1.081    | ug/l # | 86       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 338700   | 34.745   | ug/l # | 73       |
| -----                       |        |       |          |          |        |          |

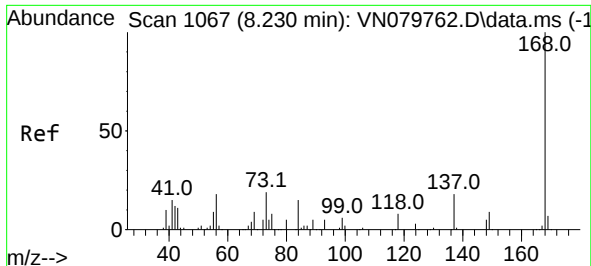
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110623\  
Data File : VN079938.D  
Acq On : 06 Nov 2023 21:20  
Operator : JC\MD  
Sample : 05256-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

Quant Time: Nov 07 04:55:37 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration

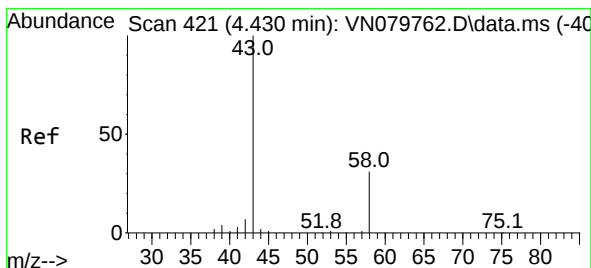
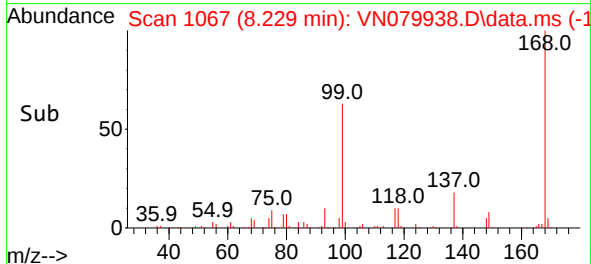
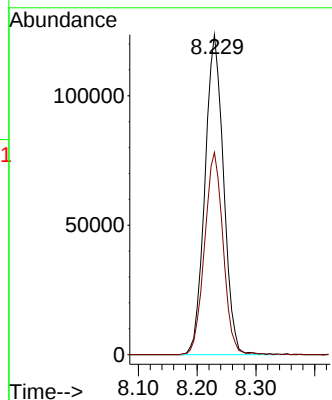
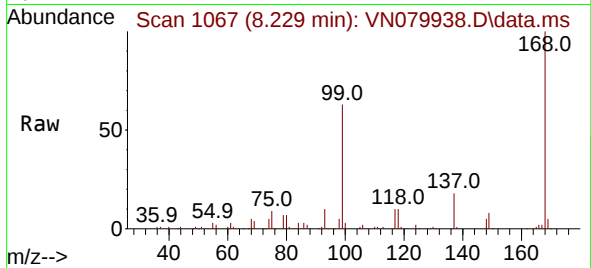




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. 0.000 min  
Lab File: VN079938.D  
Acq: 06 Nov 2023 21:20

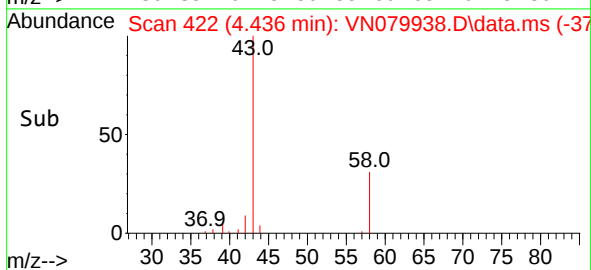
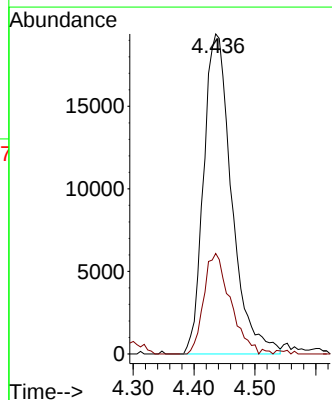
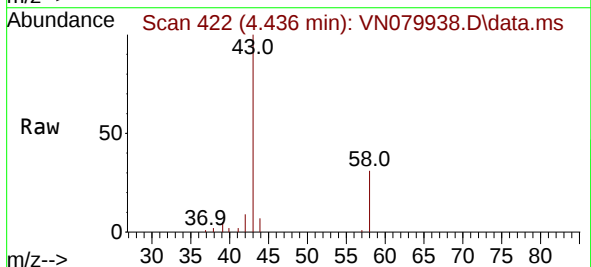
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

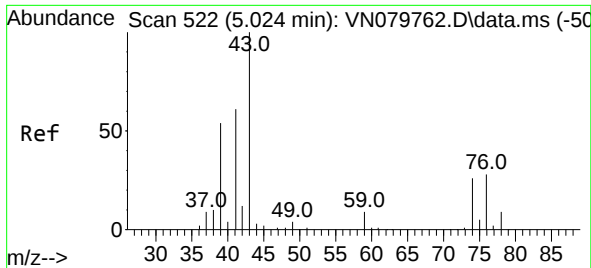
Tgt Ion:168 Resp: 271689  
Ion Ratio Lower Upper  
168 100  
99 63.2 53.0 79.6



#16  
Acetone  
Concen: 42.577 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN079938.D  
Acq: 06 Nov 2023 21:20

Tgt Ion: 43 Resp: 61905  
Ion Ratio Lower Upper  
43 100  
58 31.4 28.0 42.0

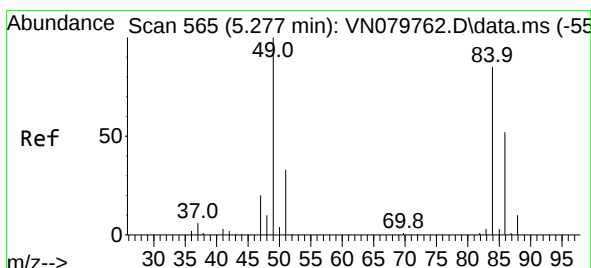
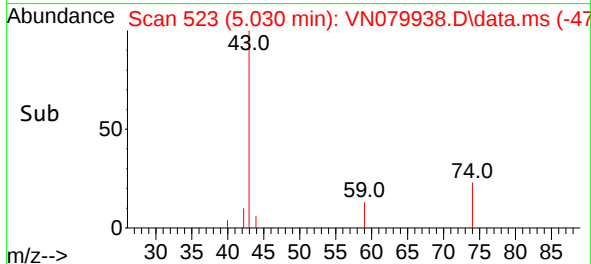
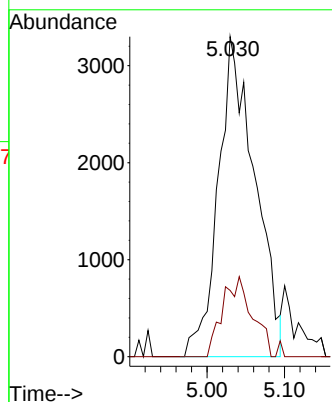
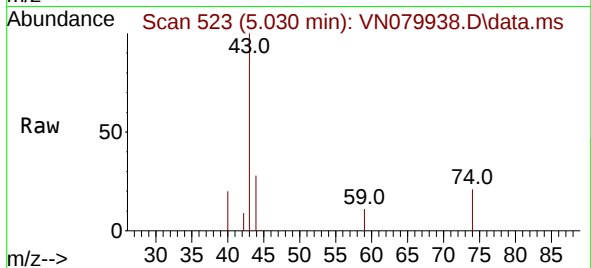




#18  
Methyl Acetate  
Concen: 1.556 ug/l  
RT: 5.030 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN079938.D  
Acq: 06 Nov 2023 21:20

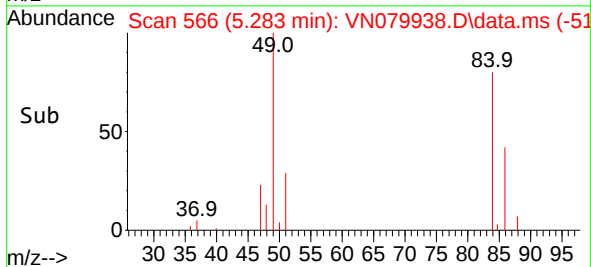
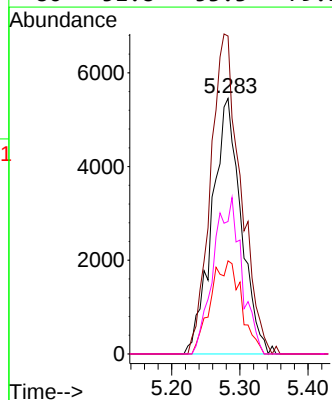
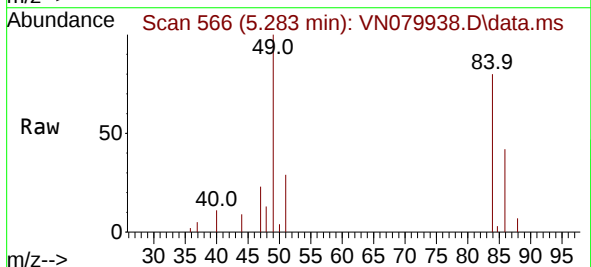
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

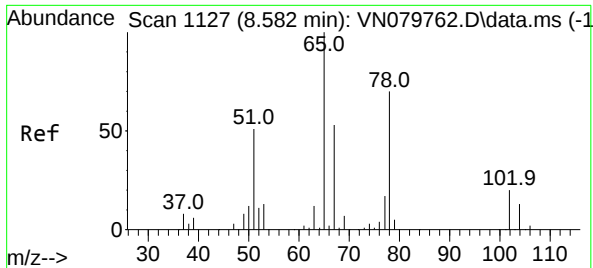
Tgt Ion: 43 Resp: 10827  
Ion Ratio Lower Upper  
43 100  
74 20.3 26.2 39.4#



#20  
Methylene Chloride  
Concen: 4.408 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.012 min  
Lab File: VN079938.D  
Acq: 06 Nov 2023 21:20

Tgt Ion: 84 Resp: 16172  
Ion Ratio Lower Upper  
84 100  
49 124.4 79.7 119.5#  
51 36.5 25.2 37.8  
86 51.8 53.3 79.9#

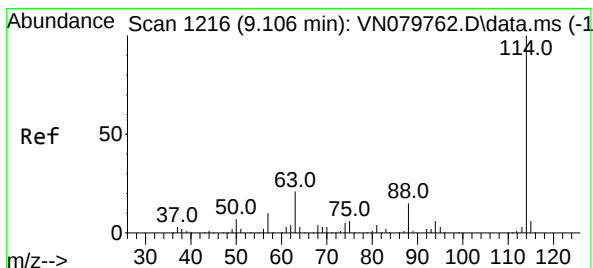
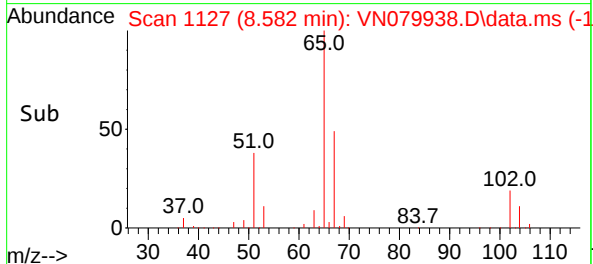
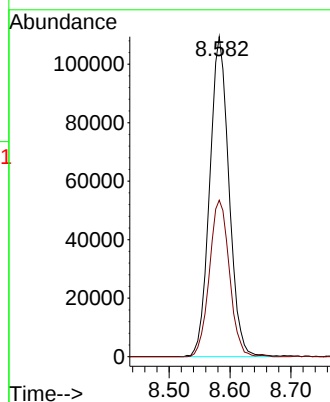
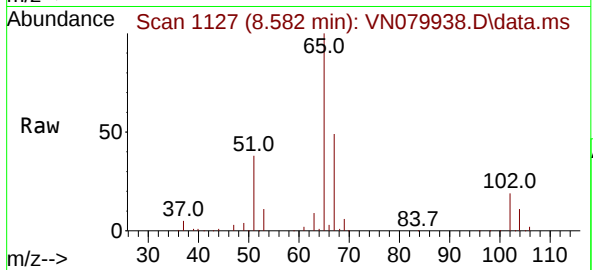




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.146 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. -0.000 min  
 Lab File: VN079938.D  
 Acq: 06 Nov 2023 21:20

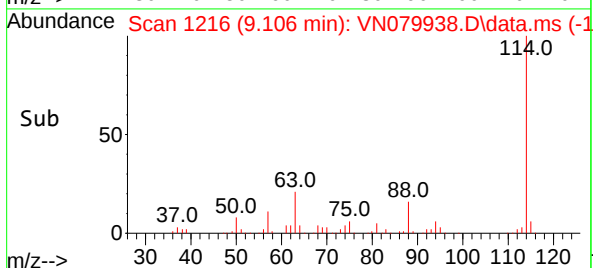
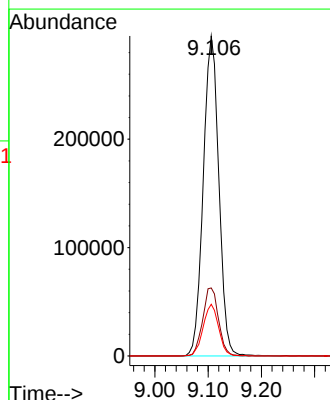
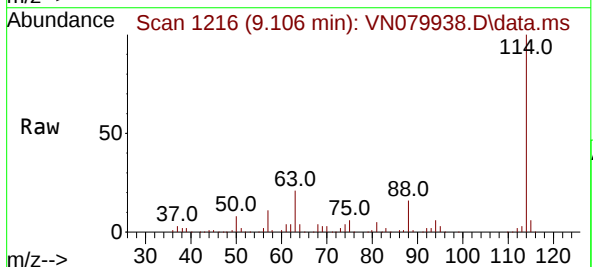
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-1

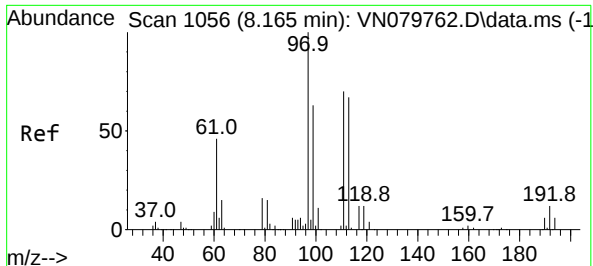
Tgt Ion: 65 Resp: 240684  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 106.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. -0.000 min  
 Lab File: VN079938.D  
 Acq: 06 Nov 2023 21:20

Tgt Ion: 114 Resp: 599761  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 36.4  
 88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.892 ug/l

RT: 8.171 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN079938.D

Acq: 06 Nov 2023 21:20

Instrument :

MSVOA\_N

ClientSampleId :

WC-1

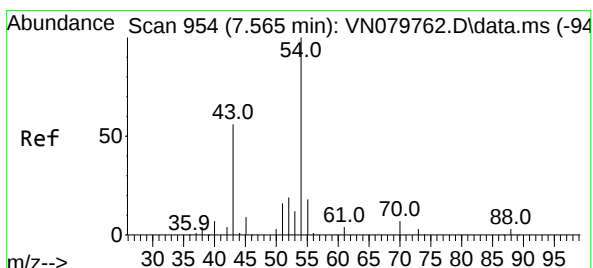
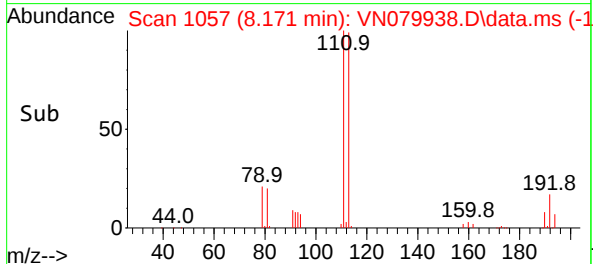
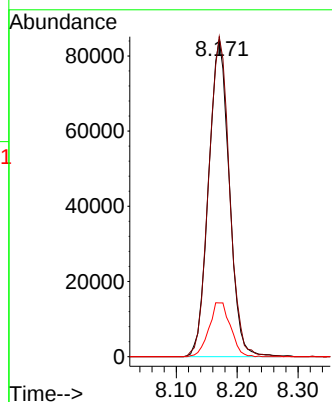
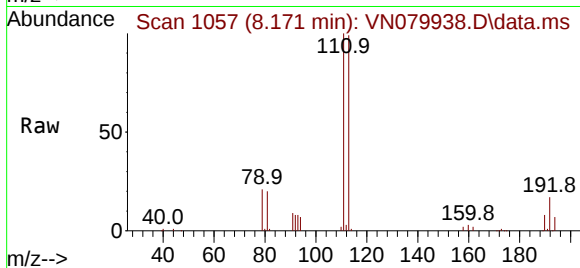
Tgt Ion:113 Resp: 199049

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 17.7 12.7 19.1



#37

Ethyl Acetate

Concen: 1.081 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN079938.D

Acq: 06 Nov 2023 21:20

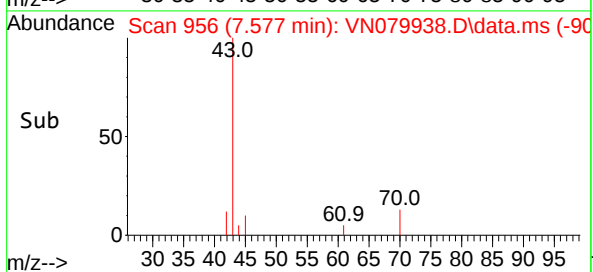
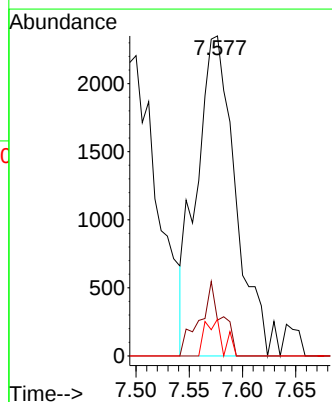
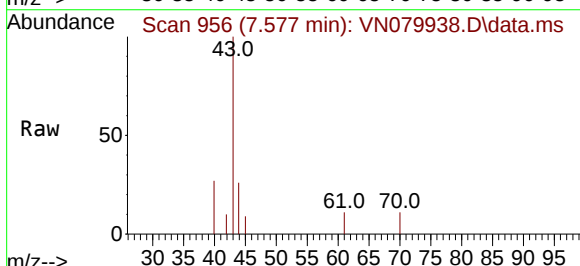
Tgt Ion: 43 Resp: 6009

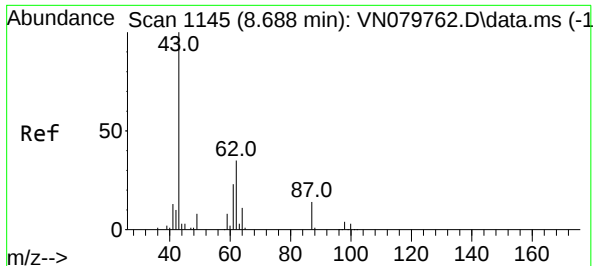
Ion Ratio Lower Upper

43 100

61 13.2 13.2 19.8

70 5.2 11.3 16.9#





#43

Isopropyl Acetate

Concen: 34.745 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079938.D

Acq: 06 Nov 2023 21:20

Instrument :

MSVOA\_N

ClientSampleId :

WC-1

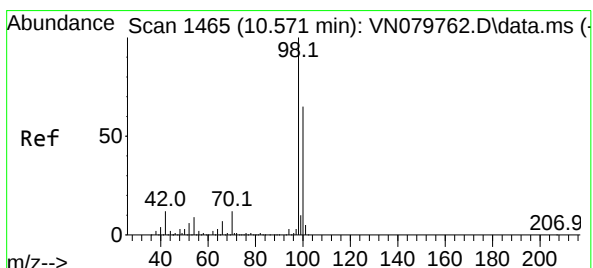
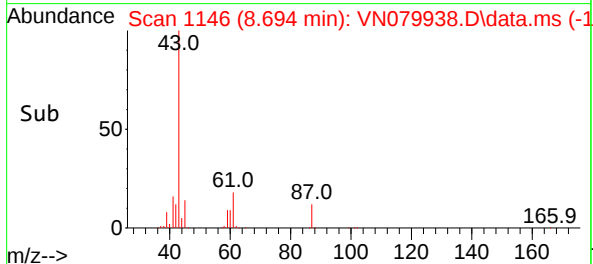
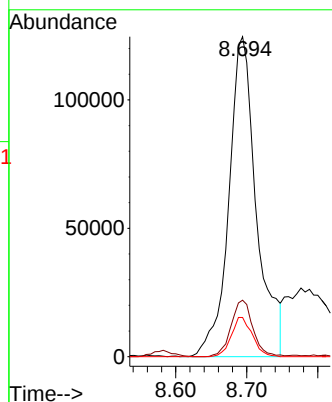
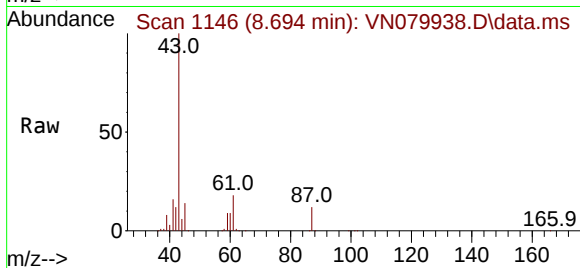
Tgt Ion: 43 Resp: 338700

Ion Ratio Lower Upper

43 100

61 14.0 24.7 37.1#

87 9.3 14.6 21.8#



#50

Toluene-d8

Concen: 48.010 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079938.D

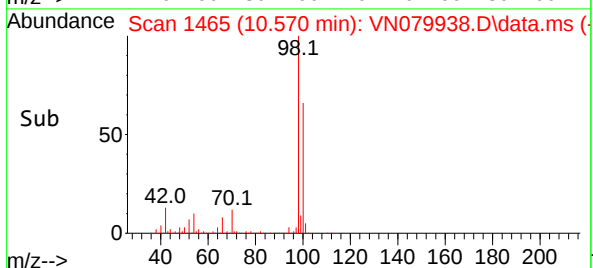
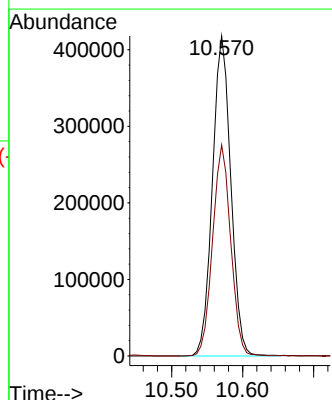
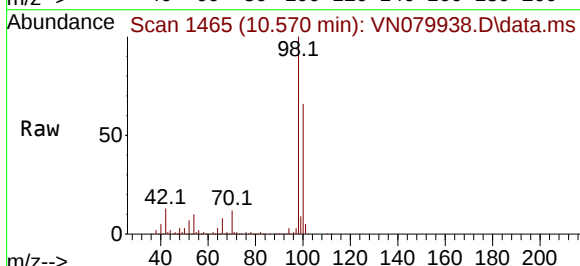
Acq: 06 Nov 2023 21:20

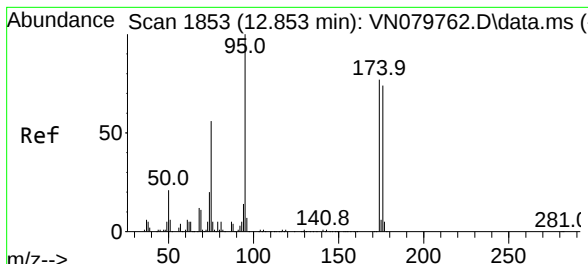
Tgt Ion: 98 Resp: 750247

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

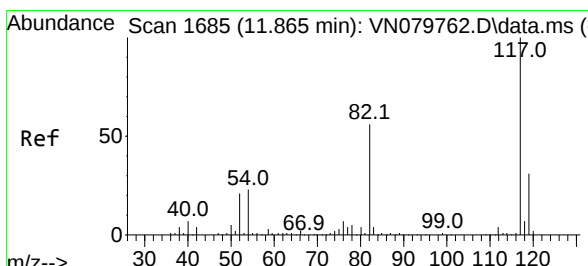
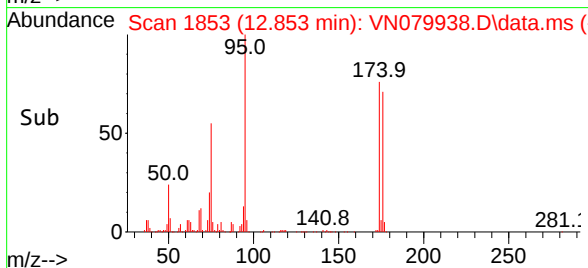
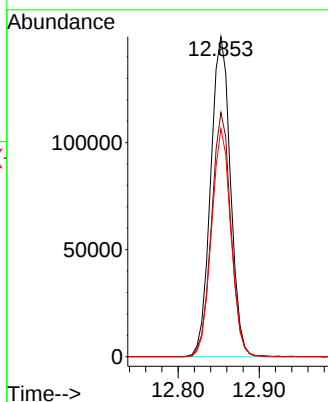
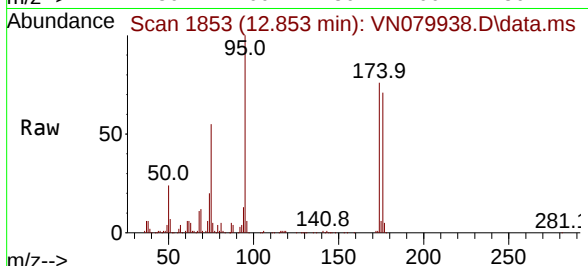




#62  
 4-Bromofluorobenzene  
 Concen: 48.835 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VN079938.D  
 Acq: 06 Nov 2023 21:20

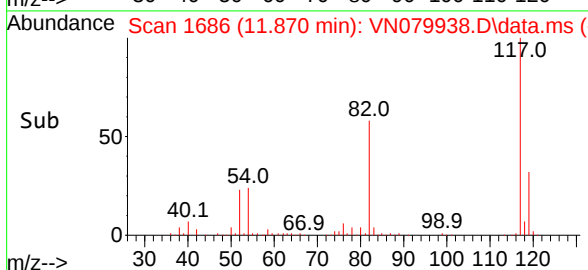
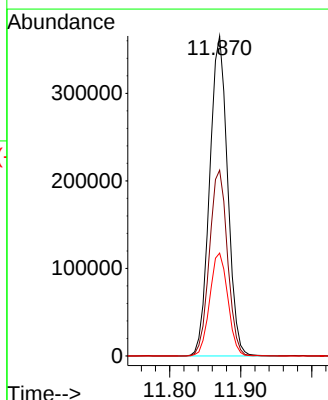
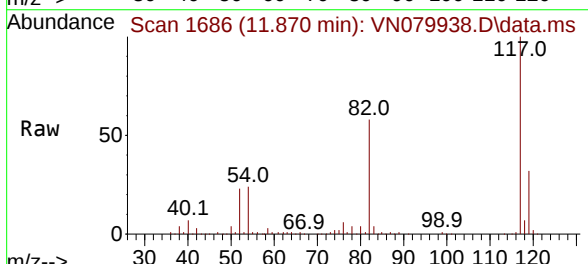
Instrument : MSVOA\_N  
 ClientSampleId : WC-1

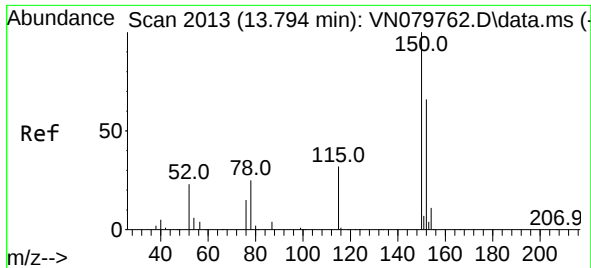
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 253097 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 74.9  | 0.0   | 143.8  |
| 176      | 69.7  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.870 min Scan# 1686  
 Delta R.T. -0.000 min  
 Lab File: VN079938.D  
 Acq: 06 Nov 2023 21:20

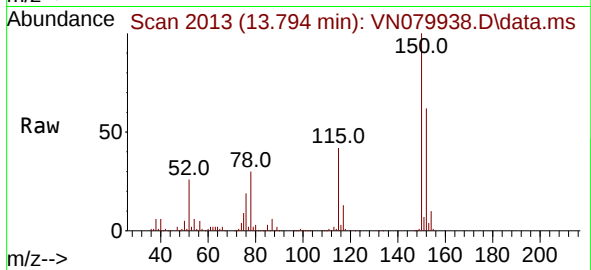
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 641186 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.1  | 44.0  | 66.0   |
| 119      | 32.1  | 25.6  | 38.4   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN079938.D  
Acq: 06 Nov 2023 21:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1



Tgt Ion:152 Resp: 234887  
Ion Ratio Lower Upper  
152 100  
115 62.6 32.3 96.8  
150 157.4 0.0 355.8

