

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060123\  
 Data File : VN078012.D  
 Acq On : 01 Jun 2023 16:01  
 Operator : JC\MD  
 Sample : 02958-02  
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 734

Quant Time: Jun 02 01:52:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

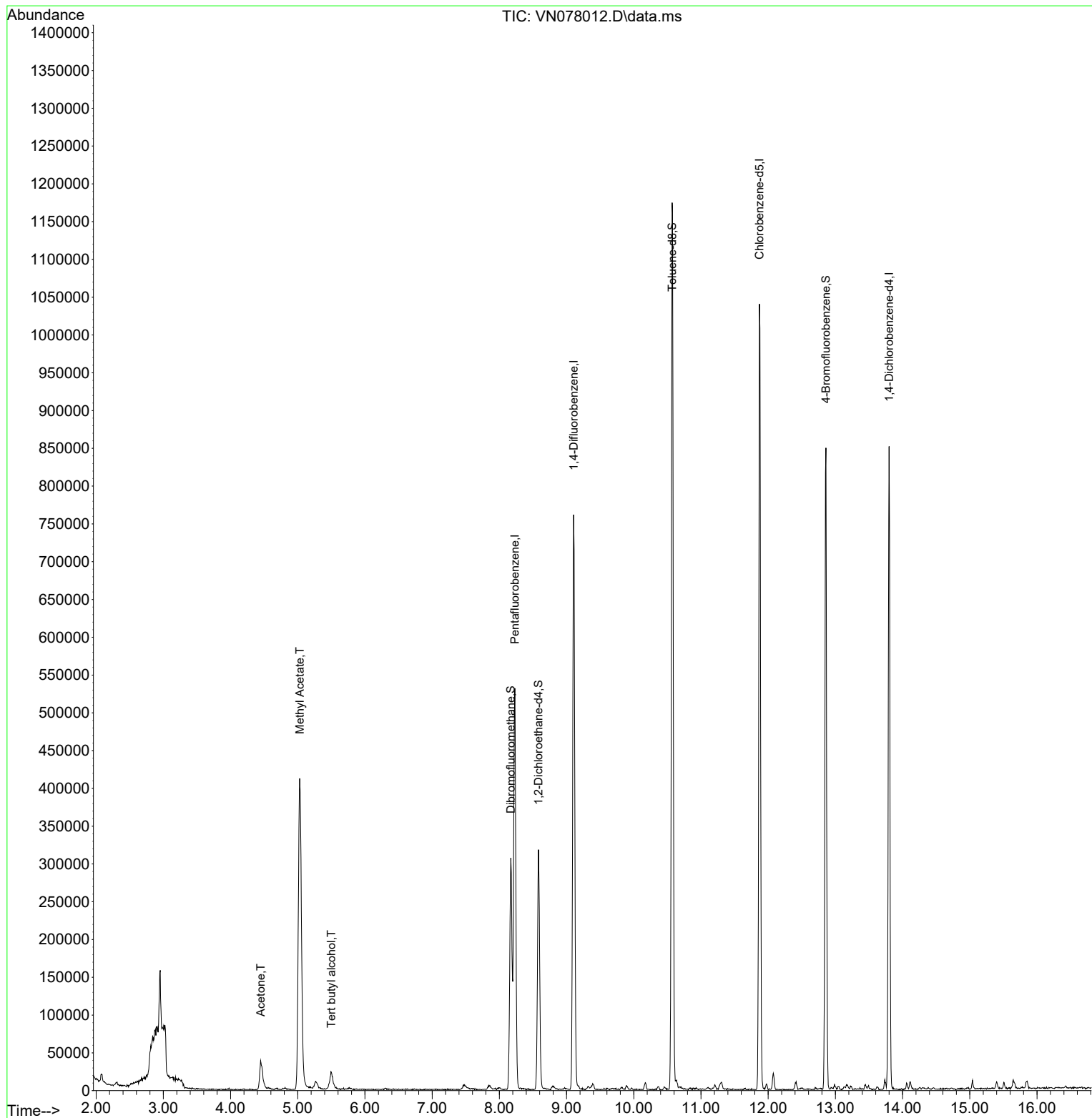
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 380820   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 697051   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 629087   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.800 | 152   | 226371   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 256073   | 44.941   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 89.880%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 221749   | 48.785   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.580%  |
| 50) Toluene-d8              | 10.571 | 98    | 850204   | 48.595   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 97.200%  |
| 62) 4-Bromofluorobenzene    | 12.859 | 95    | 299168   | 48.416   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.840%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.500  | 59    | 17981    | 22.865   | ug/l   | # 73     |
| 16) Acetone                 | 4.448  | 43    | 72979    | 40.709   | ug/l   | 94       |
| 18) Methyl Acetate          | 5.030  | 43    | 858037   | 114.092  | ug/l   | 89       |
| -----                       |        |       |          |          |        |          |

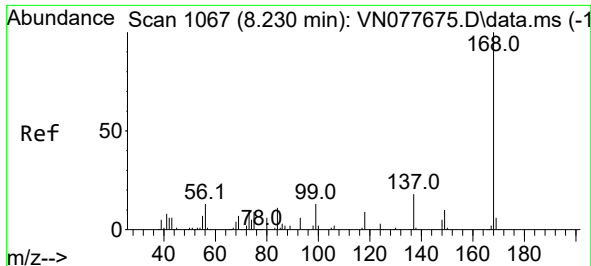
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060123\  
Data File : VN078012.D  
Acq On : 01 Jun 2023 16:01  
Operator : JC\MD  
Sample : 02958-02  
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
734

Quant Time: Jun 02 01:52:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

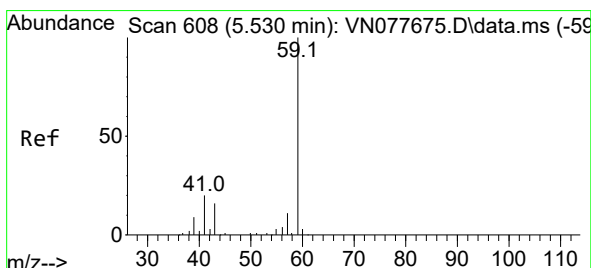
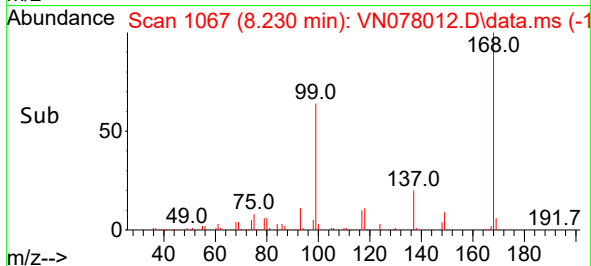
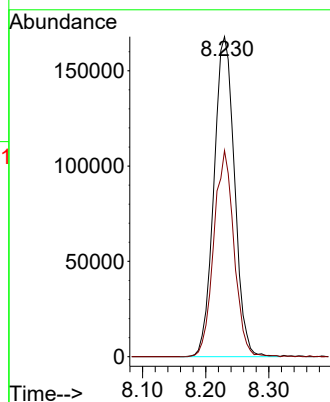
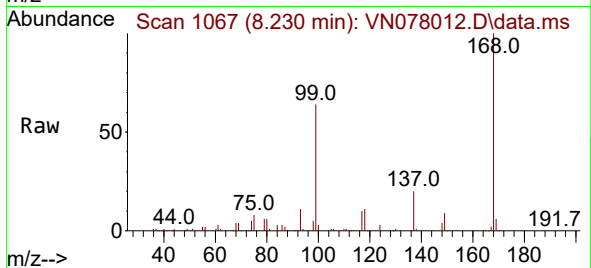




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

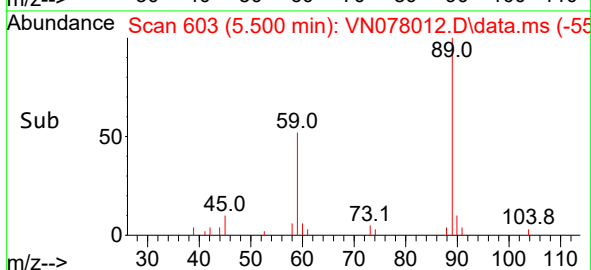
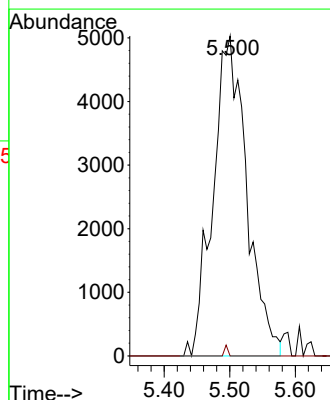
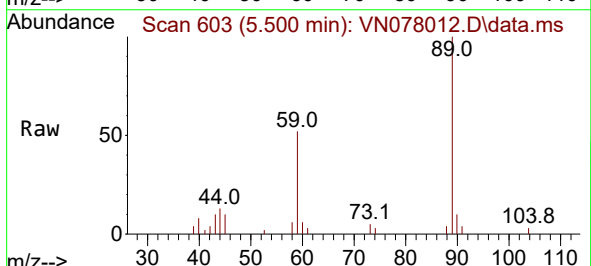
Instrument :  
MSVOA\_N  
ClientSampleId :  
734

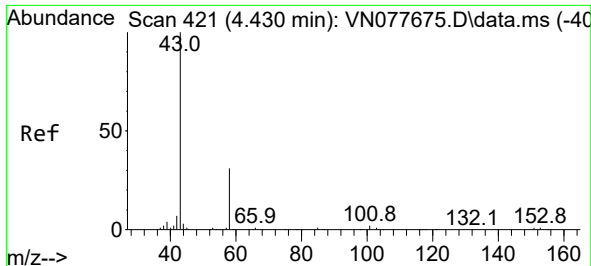
Tgt Ion:168 Resp: 380820  
Ion Ratio Lower Upper  
168 100  
99 64.4 53.0 79.6



#11  
Tert butyl alcohol  
Concen: 22.865 ug/l  
RT: 5.500 min Scan# 603  
Delta R.T. -0.030 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

Tgt Ion: 59 Resp: 17981  
Ion Ratio Lower Upper  
59 100  
57 0.3 8.2 12.4#

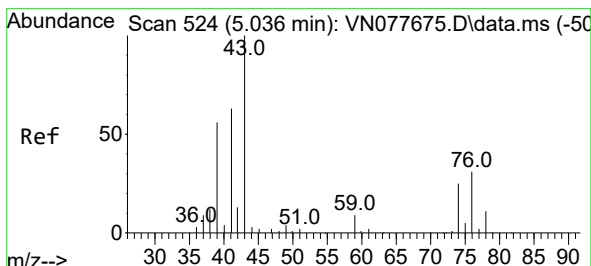
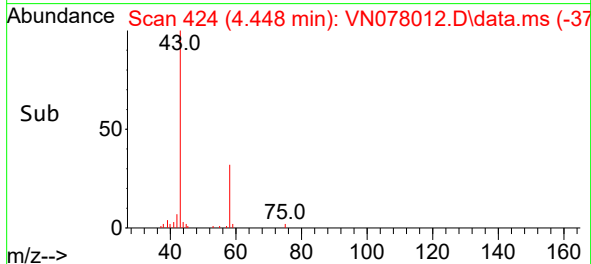
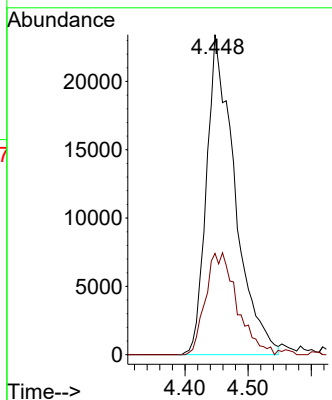
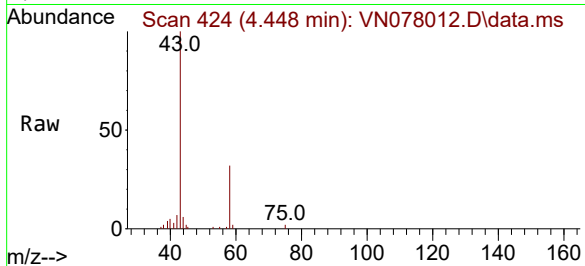




#16  
Acetone  
Concen: 40.709 ug/l  
RT: 4.448 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

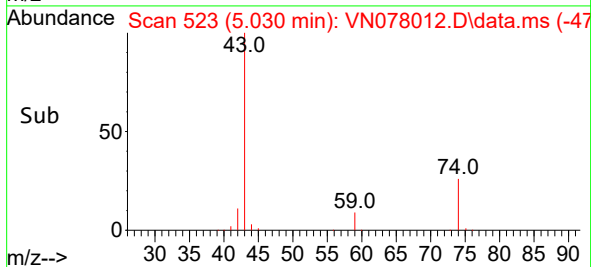
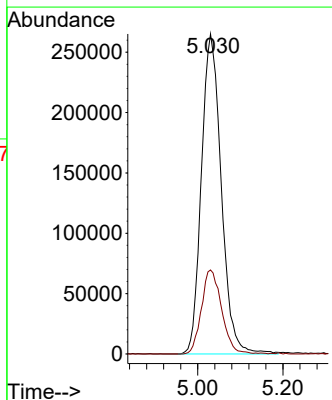
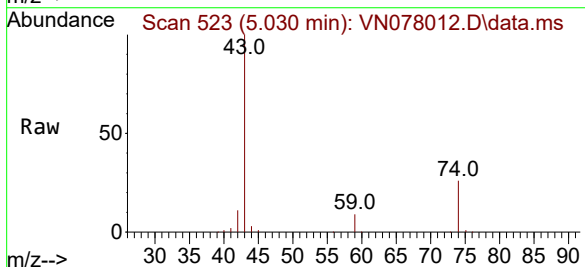
Instrument :  
MSVOA\_N  
ClientSampleId :  
734

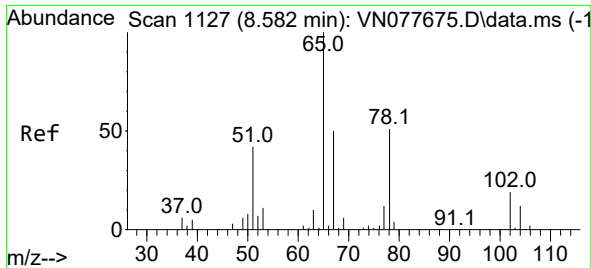
Tgt Ion: 43 Resp: 72979  
Ion Ratio Lower Upper  
43 100  
58 31.7 28.0 42.0



#18  
Methyl Acetate  
Concen: 114.092 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.006 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

Tgt Ion: 43 Resp: 858037  
Ion Ratio Lower Upper  
43 100  
74 26.6 26.2 39.4





#33

1,2-Dichloroethane-d4

Concen: 44.941 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

Instrument :

MSVOA\_N

ClientSampleId :

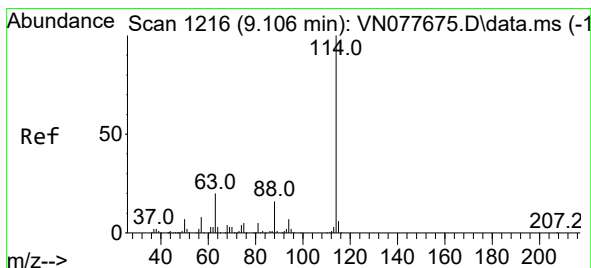
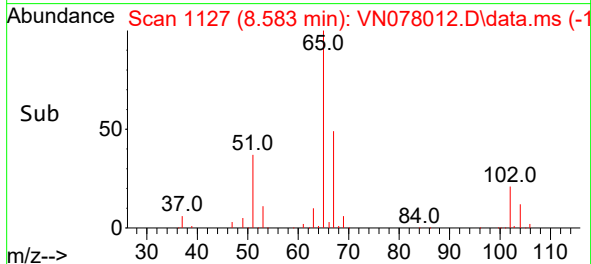
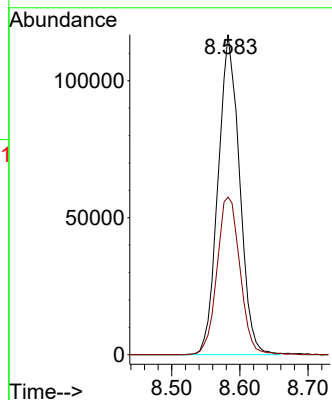
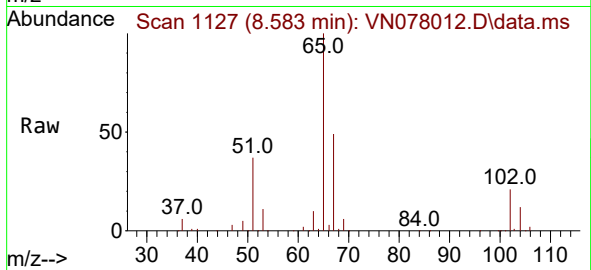
734

Tgt Ion: 65 Resp: 256073

Ion Ratio Lower Upper

65 100

67 52.8 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: VN078012.D

Acq: 01 Jun 2023 16:01

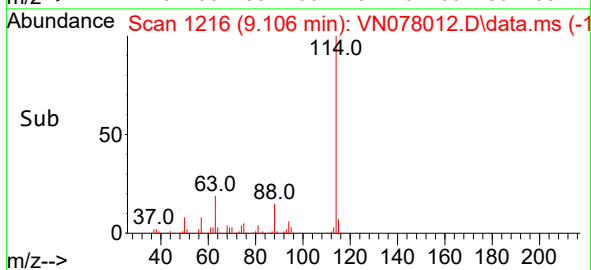
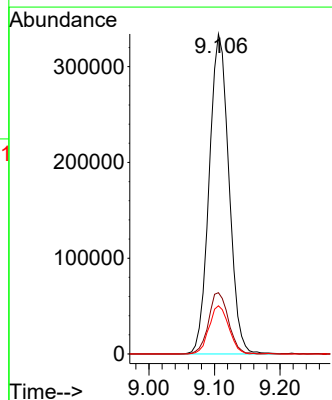
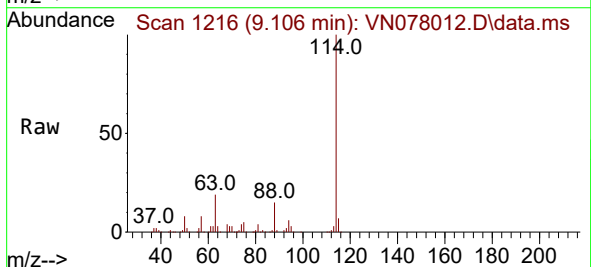
Tgt Ion: 114 Resp: 697051

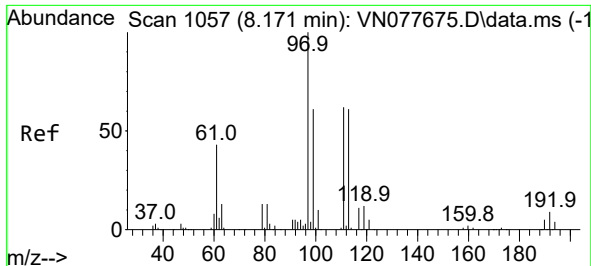
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.785 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078012.D

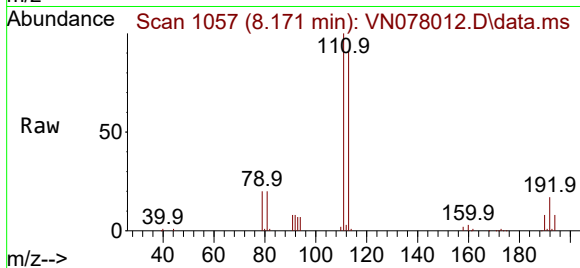
Acq: 01 Jun 2023 16:01

Instrument :

MSVOA\_N

ClientSampleId :

734



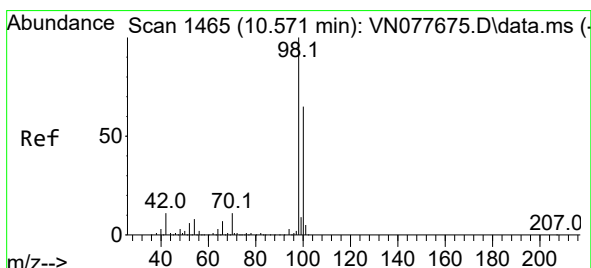
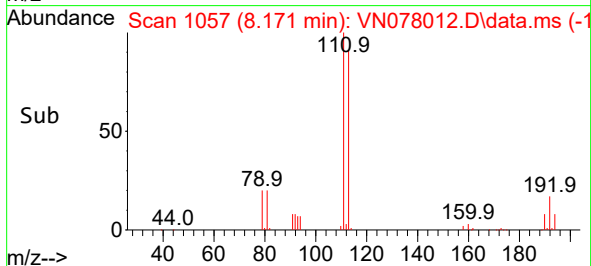
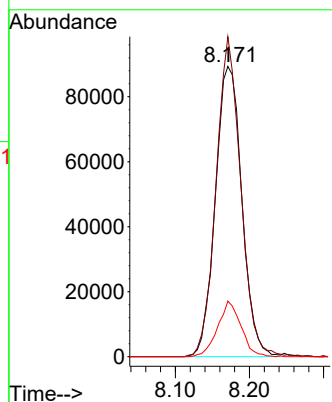
Tgt Ion:113 Resp: 221749

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.9 12.7 19.1



#50

Toluene-d8

Concen: 48.595 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078012.D

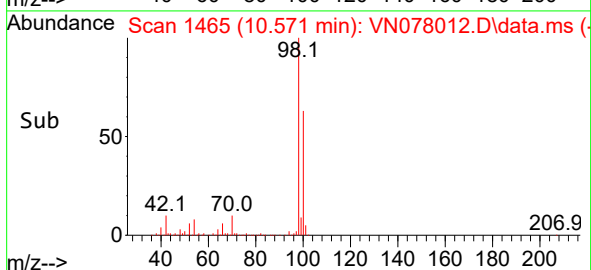
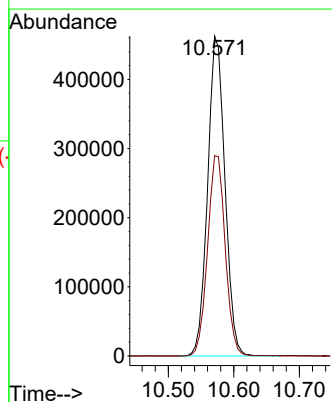
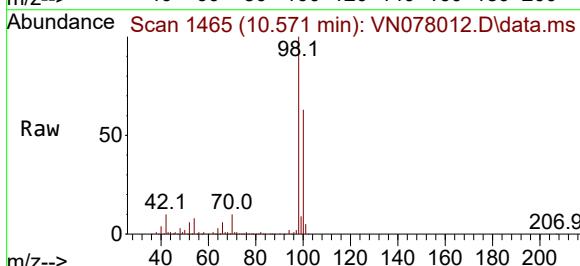
Acq: 01 Jun 2023 16:01

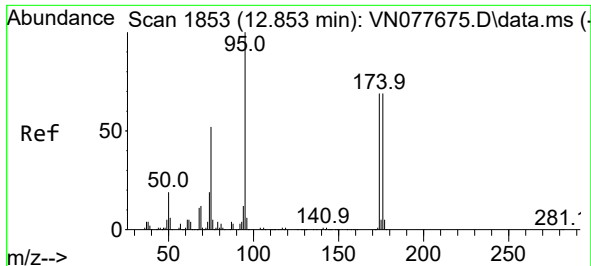
Tgt Ion: 98 Resp: 850204

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

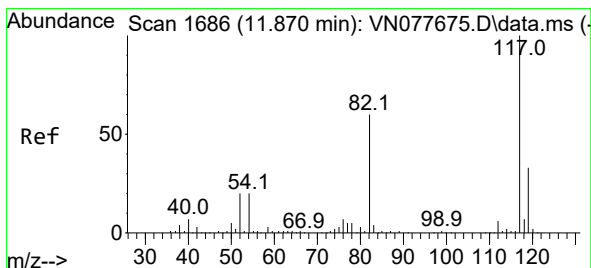
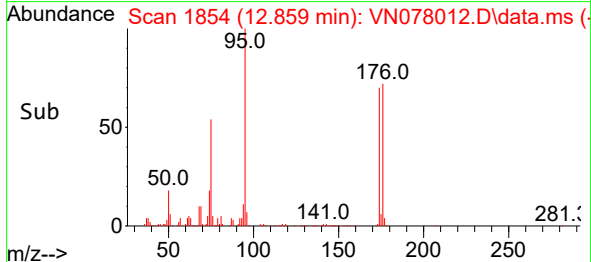
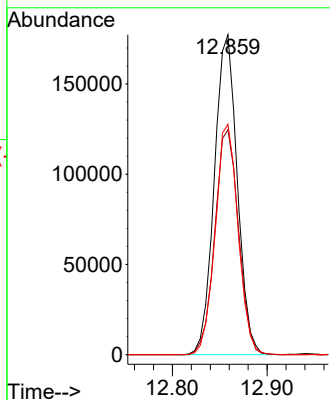
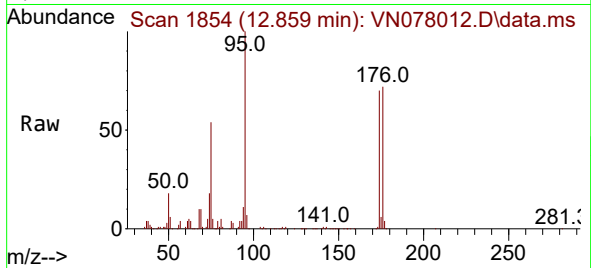




#62  
4-Bromofluorobenzene  
Concen: 48.416 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

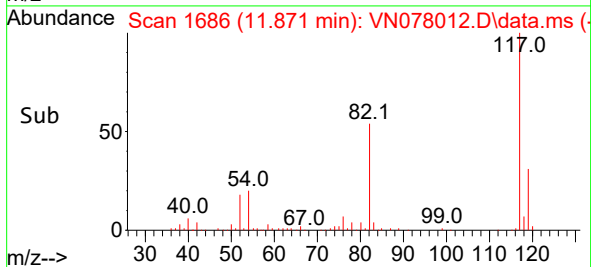
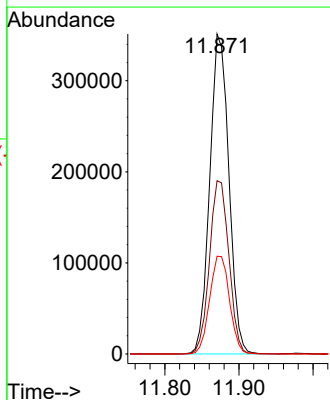
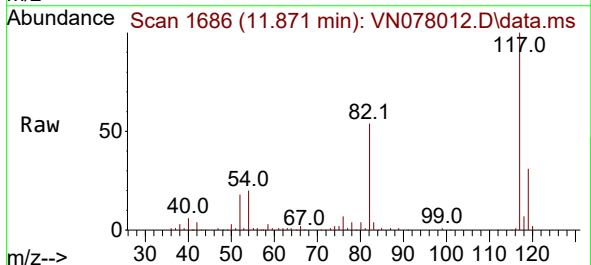
Instrument :  
MSVOA\_N  
ClientSampleId :  
734

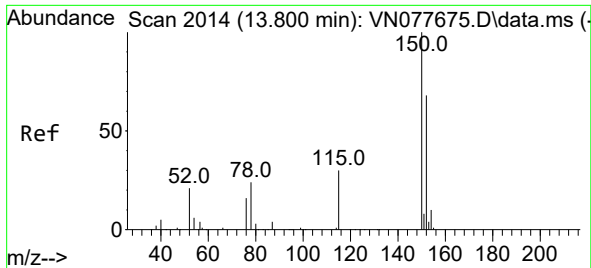
Tgt Ion: 95 Resp: 299168  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 143.8  
176 71.7 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VN078012.D  
Acq: 01 Jun 2023 16:01

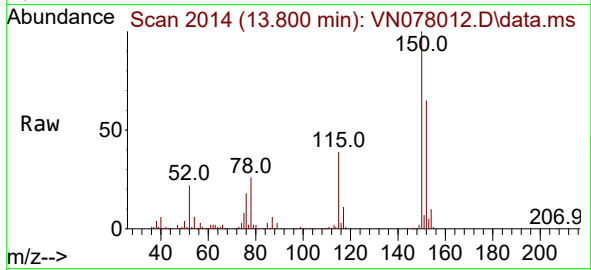
Tgt Ion: 117 Resp: 629087  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.0 66.0  
119 30.6 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN078012.D  
 Acq: 01 Jun 2023 16:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 734



Tgt Ion:152 Resp: 226371  
 Ion Ratio Lower Upper  
 152 100  
 115 61.2 32.3 96.8  
 150 158.3 0.0 355.8

