

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112322\  
 Data File : VN075404.D  
 Acq On : 23 Nov 2022 18:23  
 Operator : JC\MD  
 Sample : N5762-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1

Quant Time: Nov 24 06:53:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

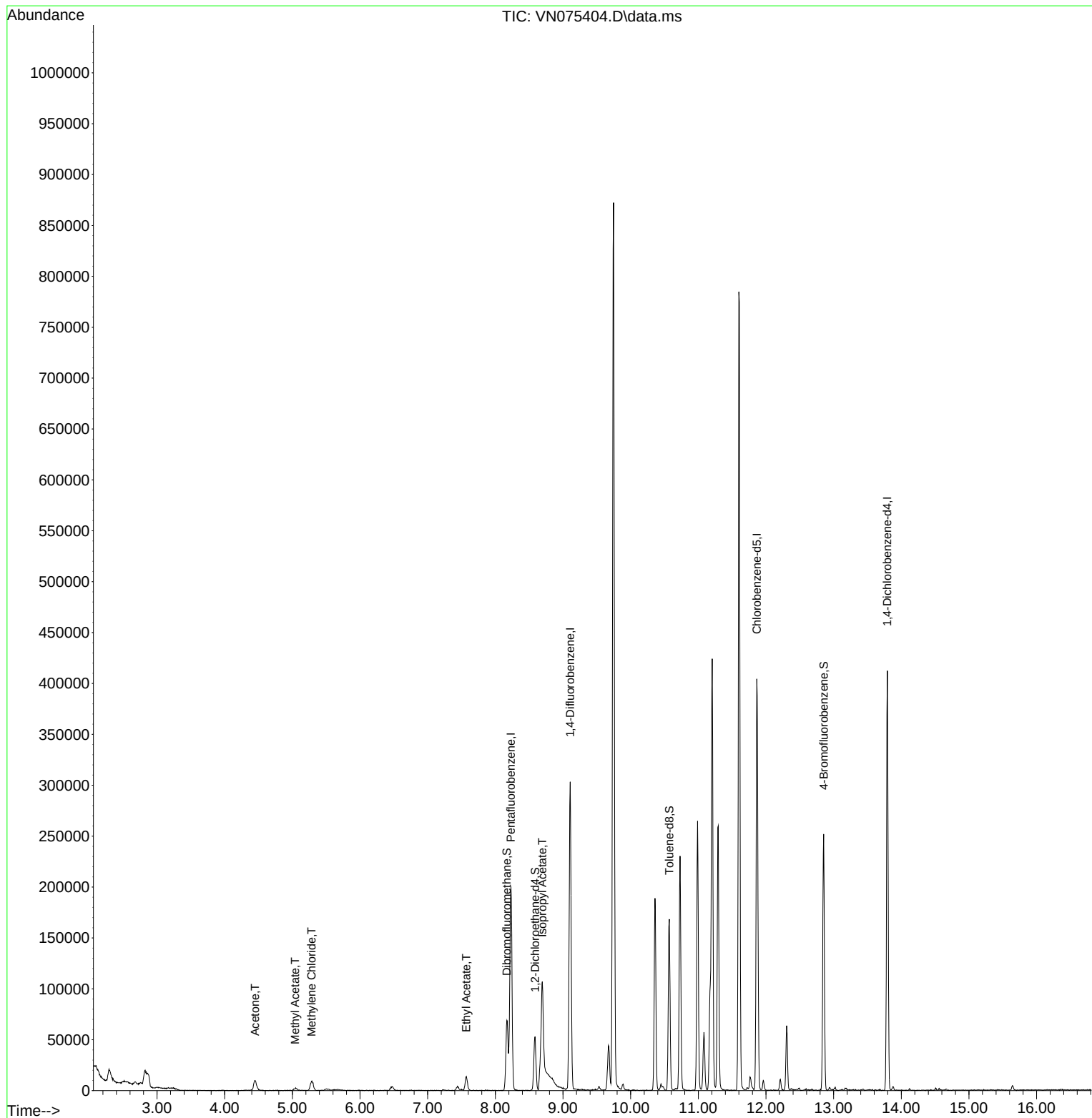
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 158230   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 277642   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 255942   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 114365   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 43235    | 50.903   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 101.800% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 50829    | 46.604   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.200%  |
| 50) Toluene-d8              | 10.570 | 98    | 119459   | 48.630   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 97.260%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 87241    | 48.116   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.240%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.447  | 43    | 19590    | 24.727   | ug/l   | 98       |
| 18) Methyl Acetate          | 5.041  | 43    | 4897     | 1.188    | ug/l   | 99       |
| 20) Methylene Chloride      | 5.283  | 84    | 8480     | 4.105    | ug/l   | 86       |
| 37) Ethyl Acetate           | 7.571  | 43    | 19754    | 9.224    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 140102   | 40.755   | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

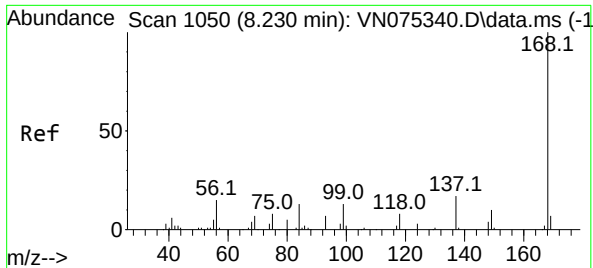
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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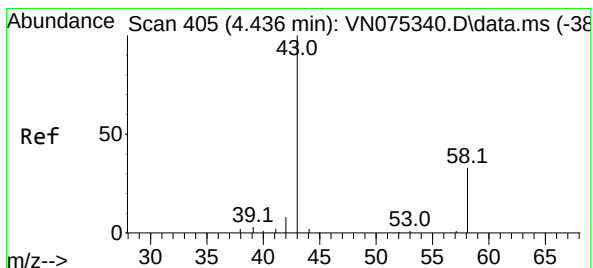
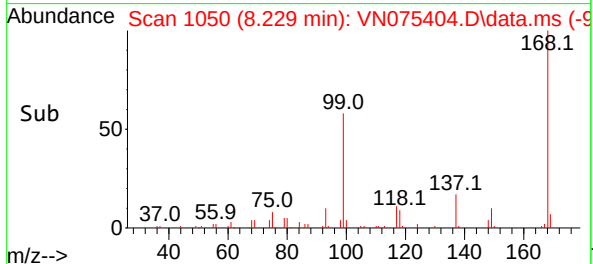
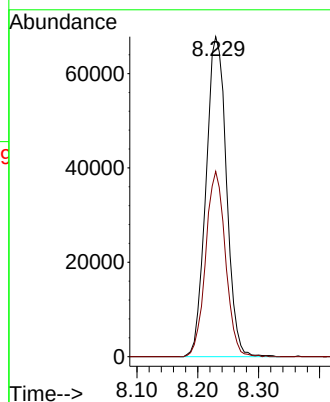
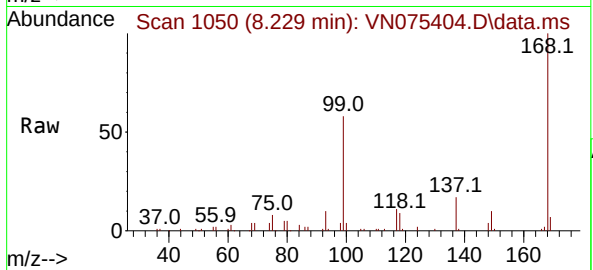




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

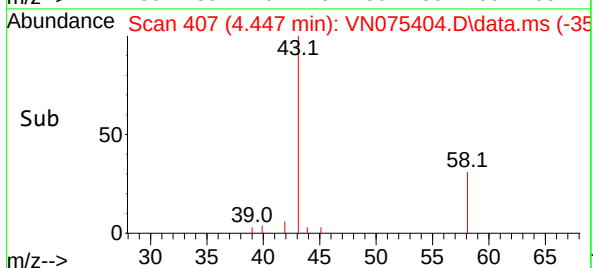
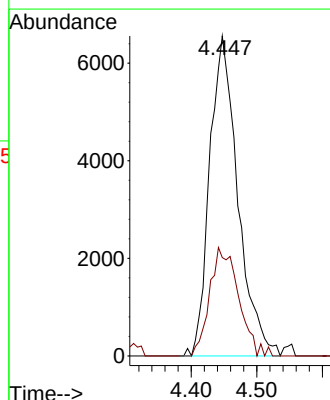
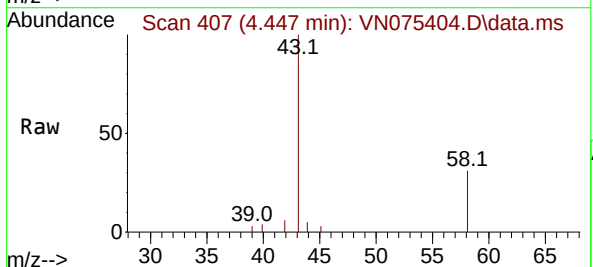
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1

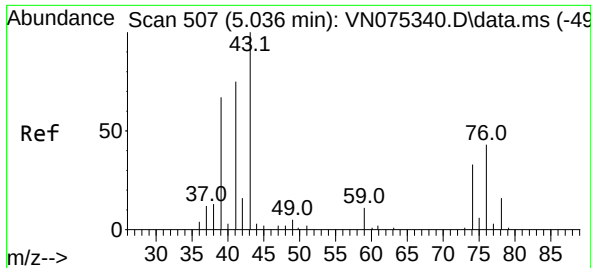
Tgt Ion:168 Resp: 158230  
Ion Ratio Lower Upper  
168 100  
99 57.9 51.6 77.4



#16  
Acetone  
Concen: 24.727 ug/l  
RT: 4.447 min Scan# 407  
Delta R.T. 0.011 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

Tgt Ion: 43 Resp: 19590  
Ion Ratio Lower Upper  
43 100  
58 30.7 25.5 38.3

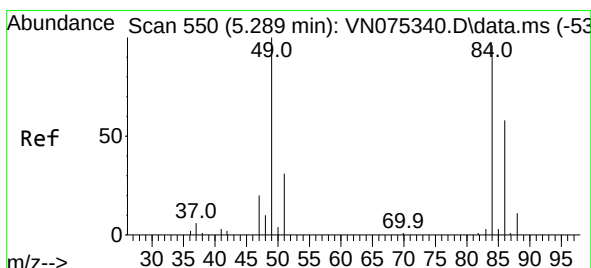
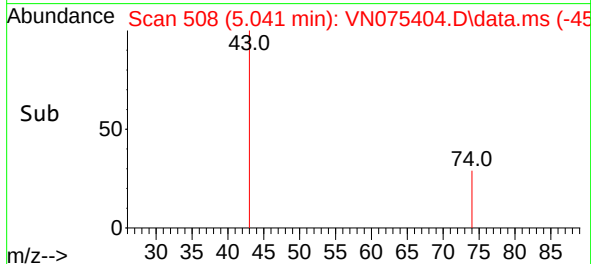
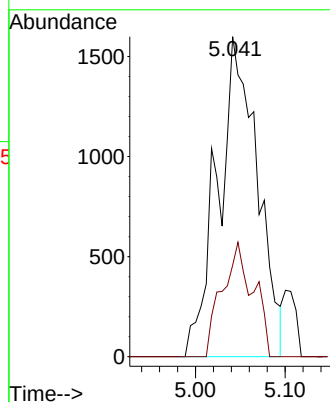
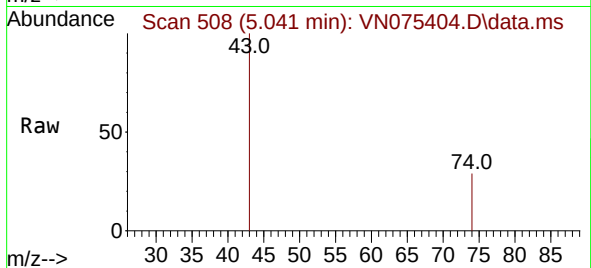




#18  
Methyl Acetate  
Concen: 1.188 ug/l  
RT: 5.041 min Scan# 507  
Delta R.T. 0.005 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

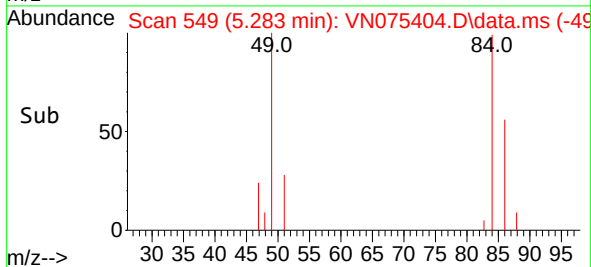
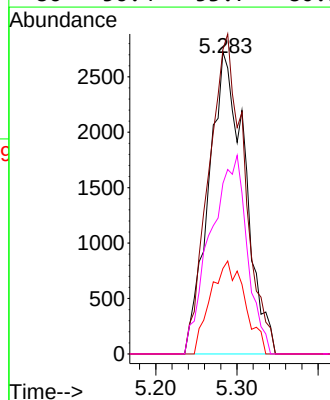
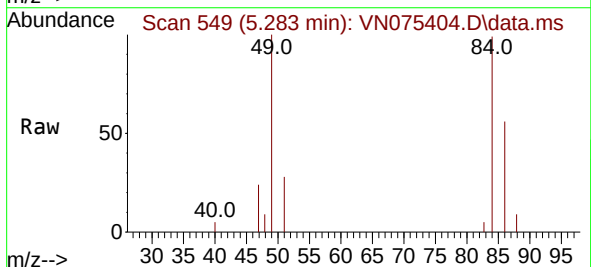
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1

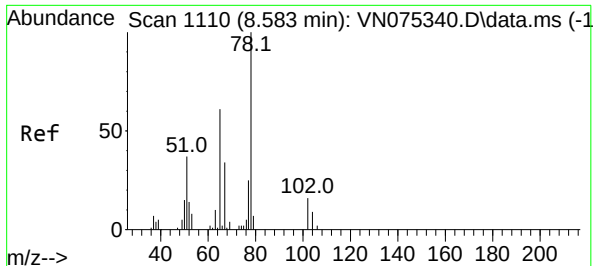
Tgt Ion: 43 Resp: 4897  
Ion Ratio Lower Upper  
43 100  
74 28.0 22.0 33.0



#20  
Methylene Chloride  
Concen: 4.105 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

Tgt Ion: 84 Resp: 8480  
Ion Ratio Lower Upper  
84 100  
49 100.7 94.9 142.3  
51 28.2 26.8 40.2  
86 56.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.903 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075404.D

Acq: 23 Nov 2022 18:23

Instrument :

MSVOA\_N

ClientSampleId :

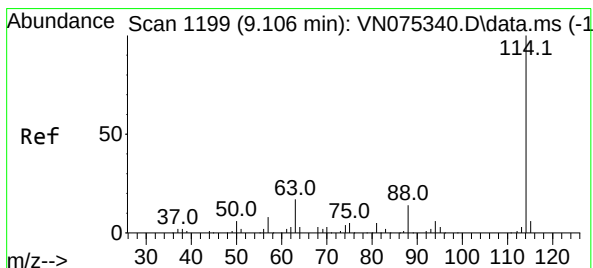
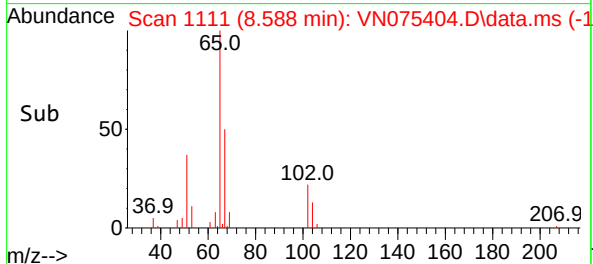
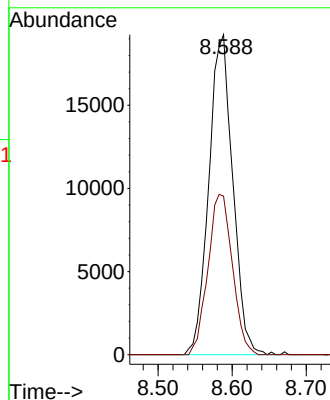
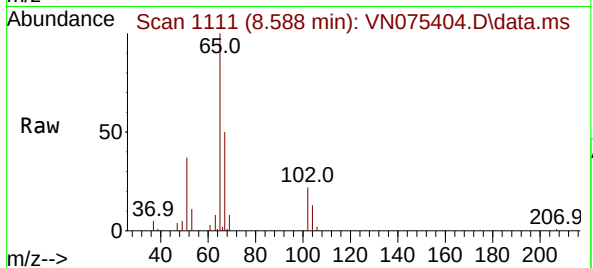
TP-1

Tgt Ion: 65 Resp: 43235

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075404.D

Acq: 23 Nov 2022 18:23

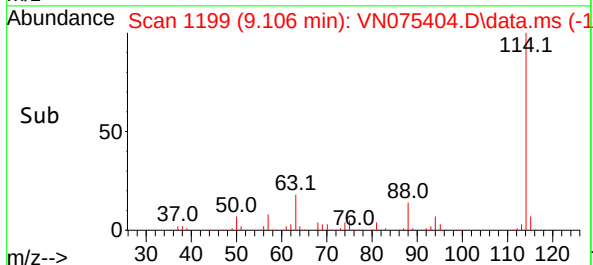
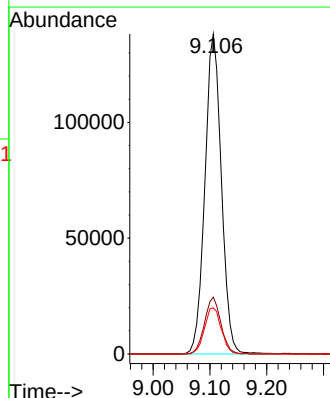
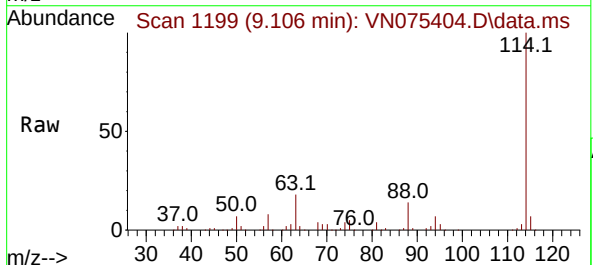
Tgt Ion: 114 Resp: 277642

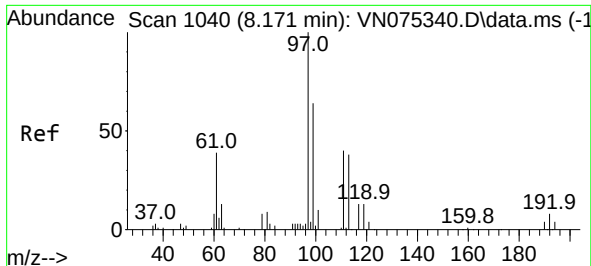
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.604 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075404.D

Acq: 23 Nov 2022 18:23

Instrument :

MSVOA\_N

ClientSampleId :

TP-1

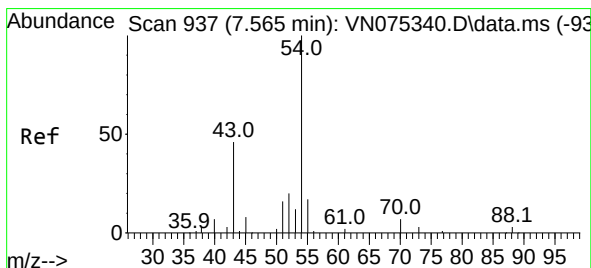
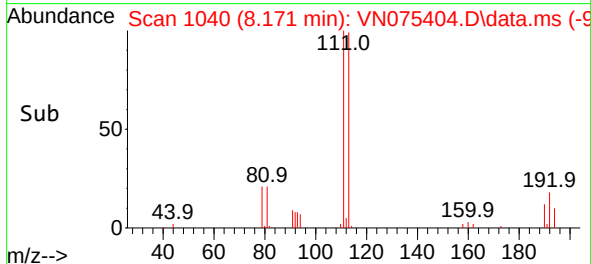
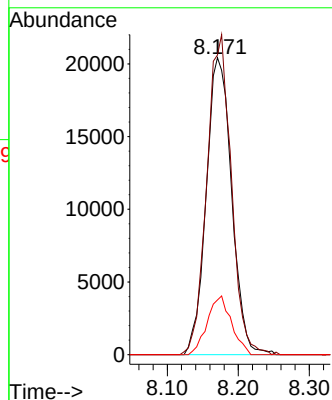
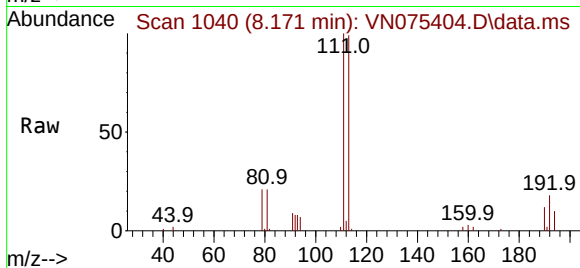
Tgt Ion:113 Resp: 50829

Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 18.8 13.2 19.8



#37

Ethyl Acetate

Concen: 9.224 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075404.D

Acq: 23 Nov 2022 18:23

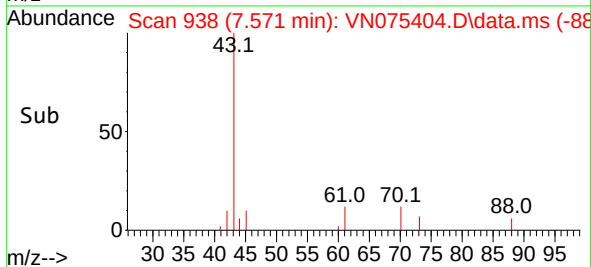
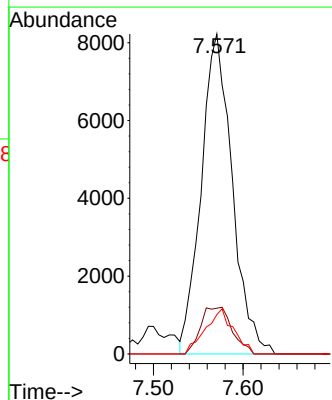
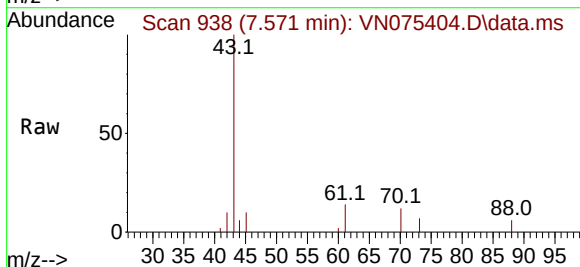
Tgt Ion: 43 Resp: 19754

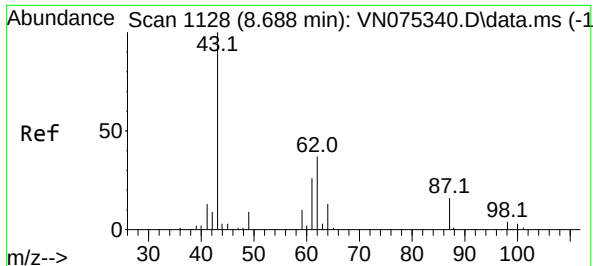
Ion Ratio Lower Upper

43 100

61 14.7 12.2 18.4

70 12.7 9.4 14.2





#43

Isopropyl Acetate

Concen: 40.755 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075404.D

Acq: 23 Nov 2022 18:23

Instrument :

MSVOA\_N

ClientSampleId :

TP-1

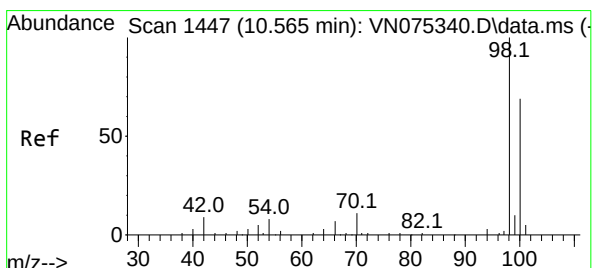
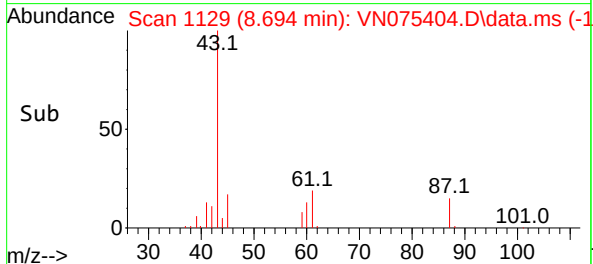
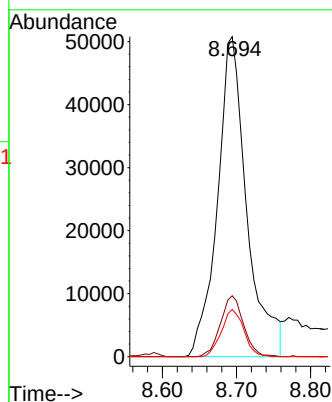
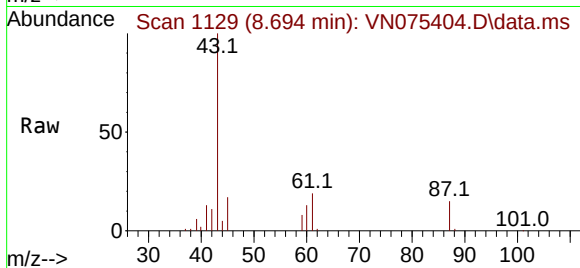
Tgt Ion: 43 Resp: 140102

Ion Ratio Lower Upper

43 100

61 15.0 22.4 33.6#

87 11.2 12.5 18.7#



#50

Toluene-d8

Concen: 48.630 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075404.D

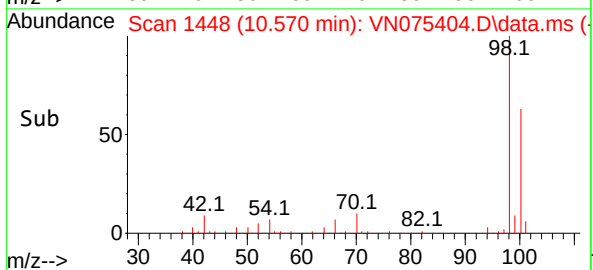
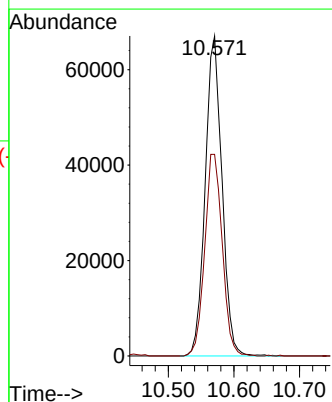
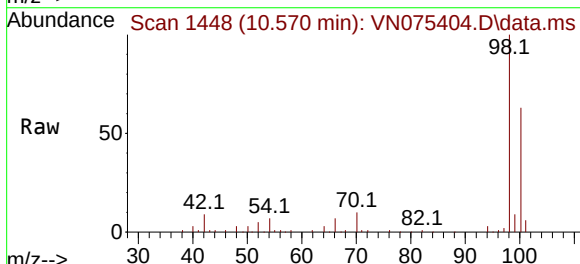
Acq: 23 Nov 2022 18:23

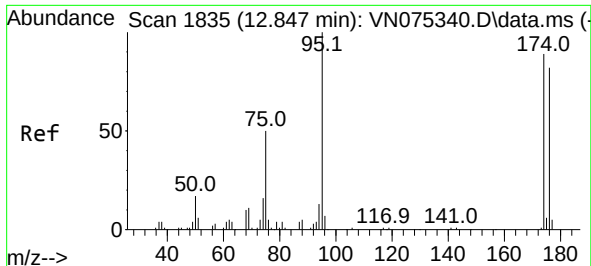
Tgt Ion: 98 Resp: 119459

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6

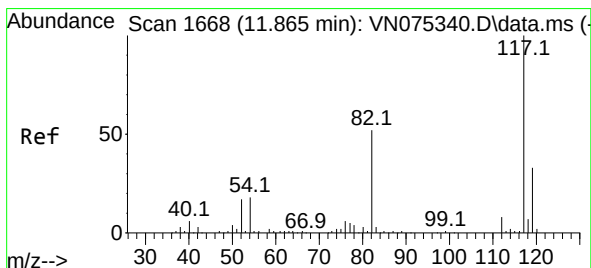
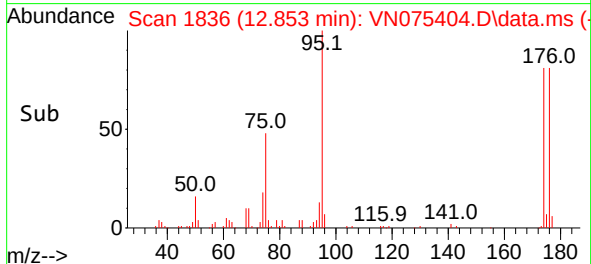
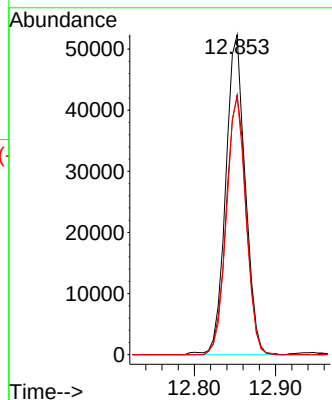
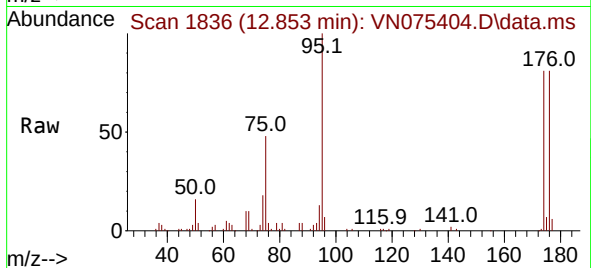




#62  
4-Bromofluorobenzene  
Concen: 48.116 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

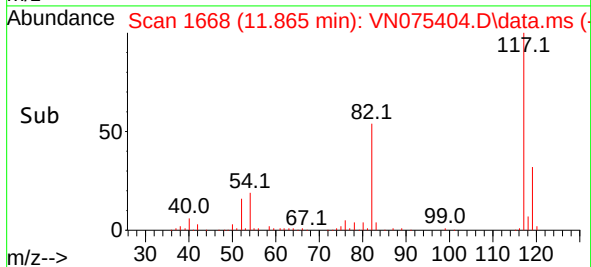
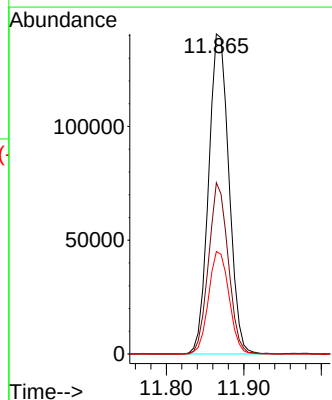
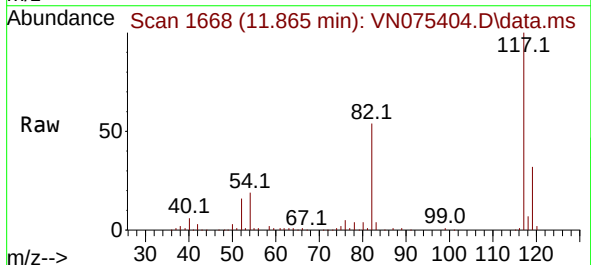
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1

Tgt Ion: 95 Resp: 87241  
Ion Ratio Lower Upper  
95 100  
174 82.8 0.0 147.4  
176 80.3 0.0 142.2

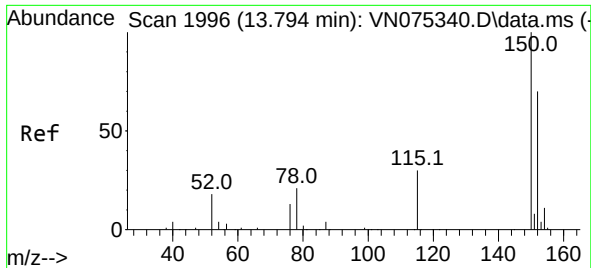


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VN075404.D  
Acq: 23 Nov 2022 18:23

Tgt Ion: 117 Resp: 255942  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.1 64.7  
119 32.0 25.5 38.3







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075404.D

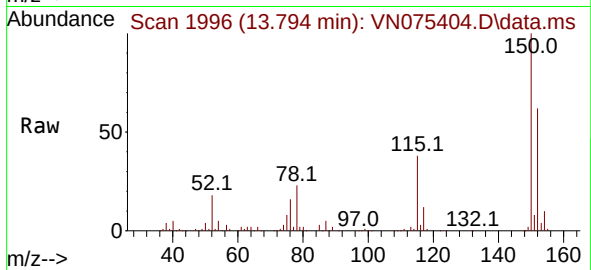
Acq: 23 Nov 2022 18:23

Instrument :

MSVOA\_N

ClientSampleId :

TP-1



Tgt Ion:152 Resp: 114365

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 154.7 0.0 348.4

