

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062022\  
 Data File : VX029643.D  
 Acq On : 21 Jun 2022 06:09  
 Operator : JC/MD  
 Sample : N3354-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-50D

Quant Time: Jun 21 08:47:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

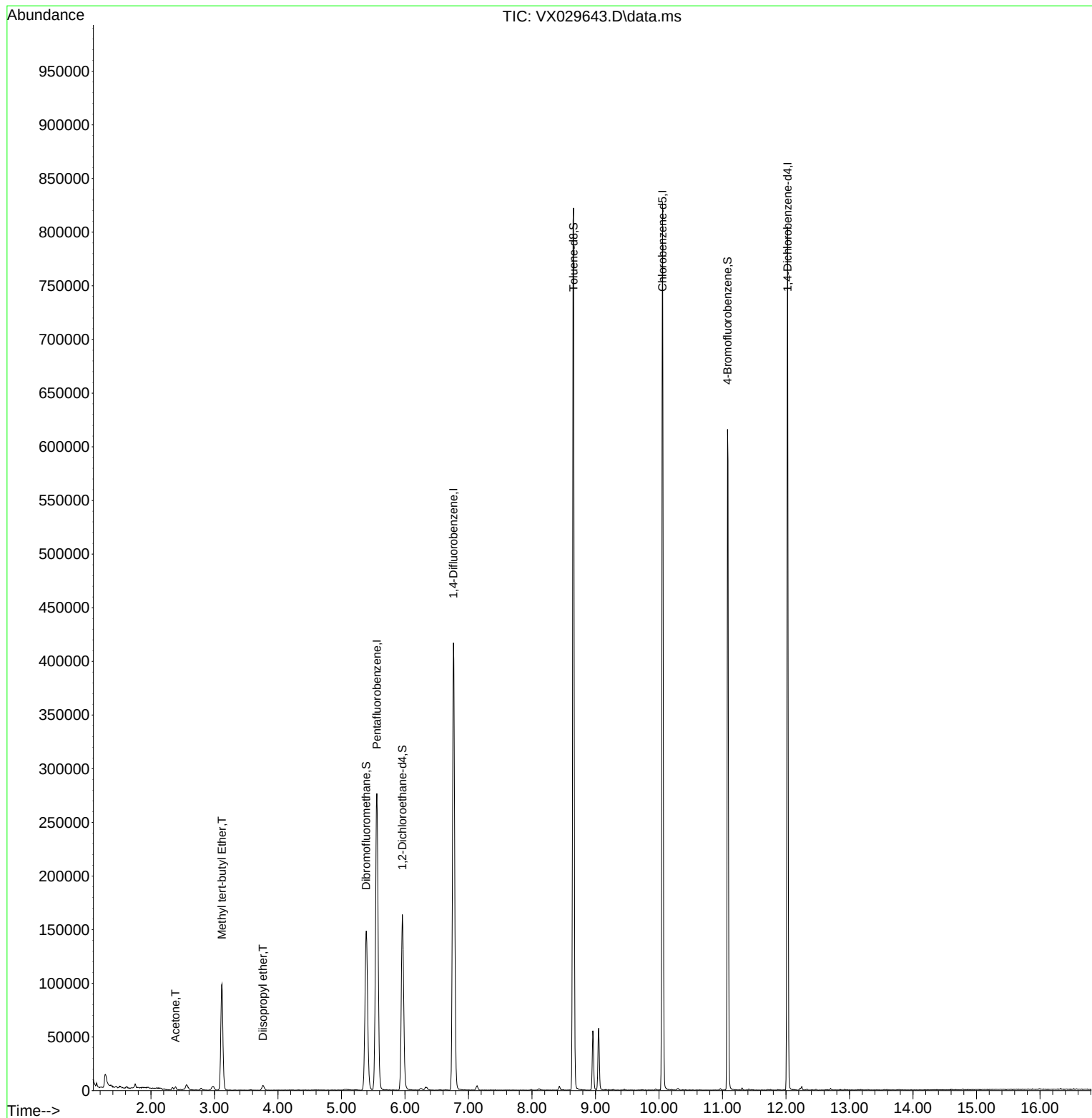
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 264996   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 454463   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 387967   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 165269   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 152890   | 43.585   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 87.180%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 134423   | 45.388   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 90.780%  |
| 50) Toluene-d8              | 8.653  | 98    | 509482   | 47.089   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 94.180%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 180721   | 44.292   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 88.580%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 3301     | 2.361    | ug/l   | 98       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 118359   | 12.699   | ug/l   | 98       |
| 22) Diisopropyl ether       | 3.764  | 45    | 4931     | 0.575    | ug/l # | 82       |
| -----                       |        |       |          |          |        |          |

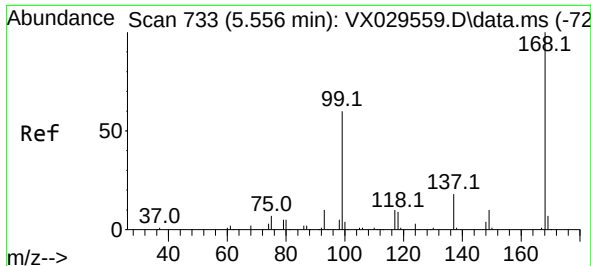
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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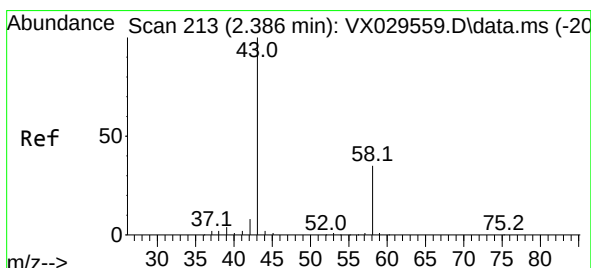
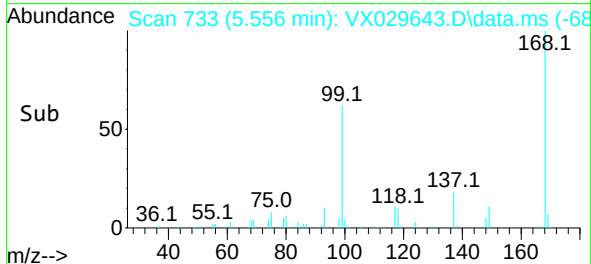
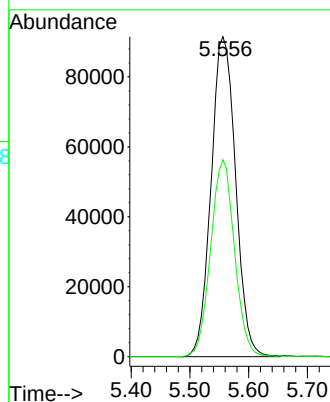
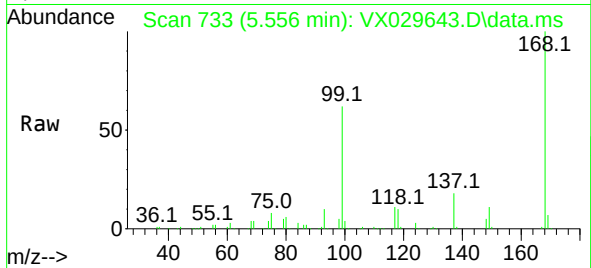




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

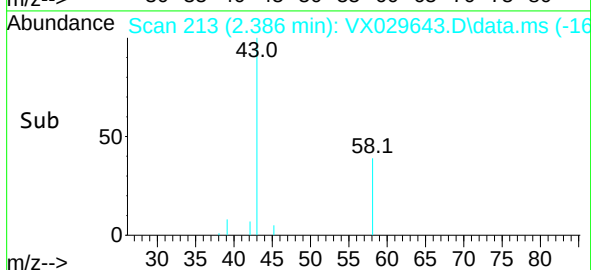
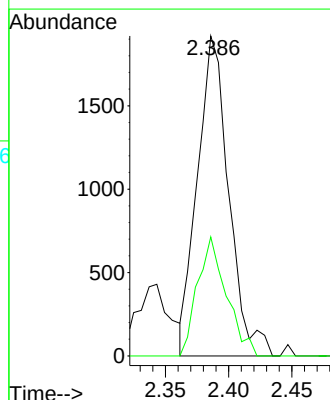
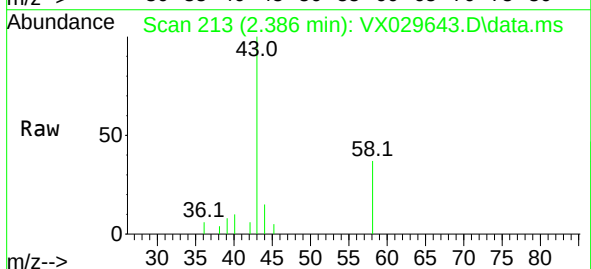
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-50D

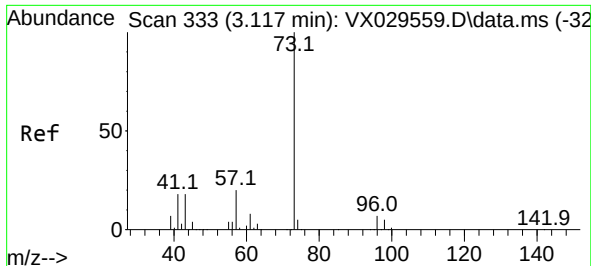
Tgt Ion:168 Resp: 264996  
Ion Ratio Lower Upper  
168 100  
99 61.5 41.7 62.5



#16  
Acetone  
Concen: 2.361 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

Tgt Ion: 43 Resp: 3301  
Ion Ratio Lower Upper  
43 100  
58 37.2 28.8 43.2

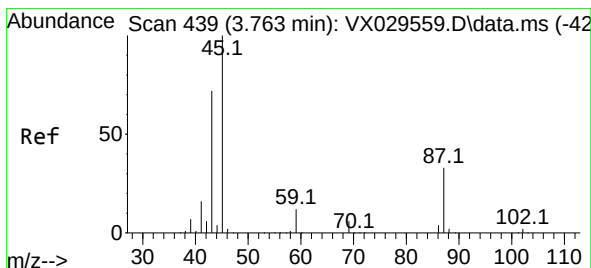
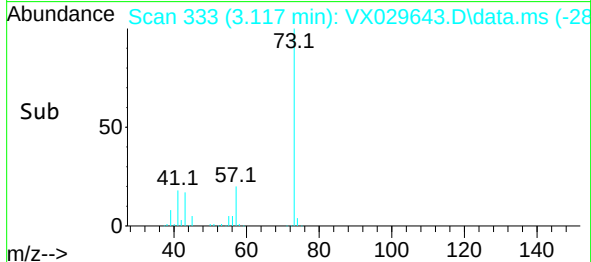
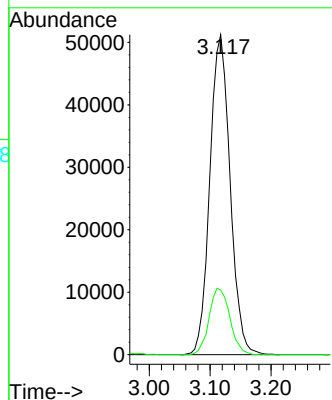
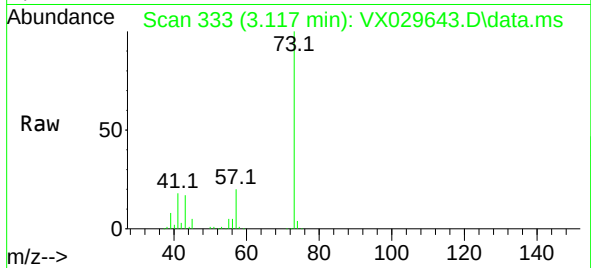




#19  
Methyl tert-butyl Ether  
Concen: 12.699 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

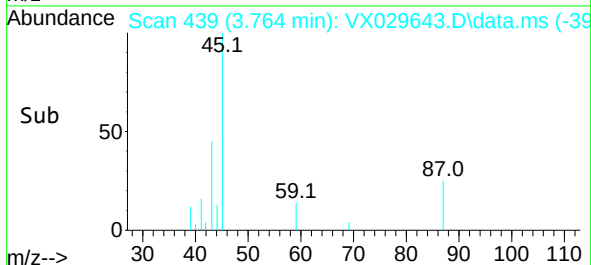
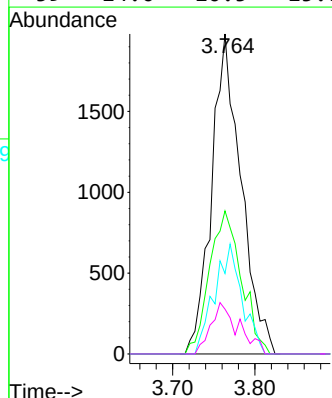
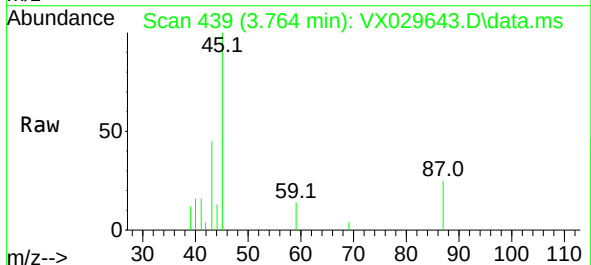
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-50D

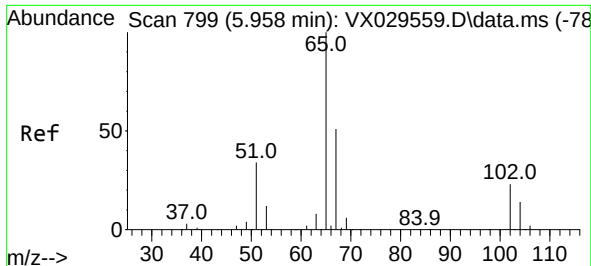
Tgt Ion: 73 Resp: 118359  
Ion Ratio Lower Upper  
73 100  
57 20.2 16.8 25.2



#22  
Diisopropyl ether  
Concen: 0.575 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.001 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

Tgt Ion: 45 Resp: 4931  
Ion Ratio Lower Upper  
45 100  
43 44.7 50.8 76.2#  
87 25.2 26.6 39.8#  
59 14.0 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 43.585 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA\_X

ClientSampleId :

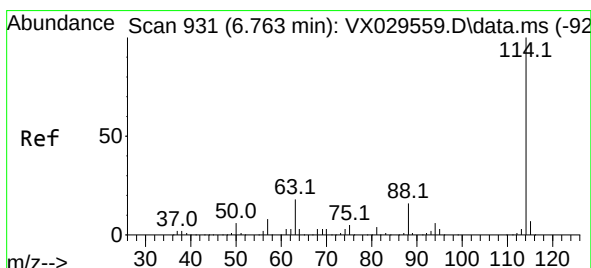
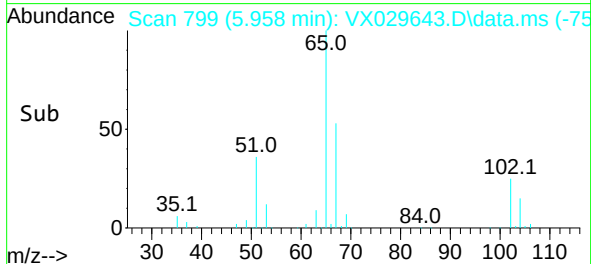
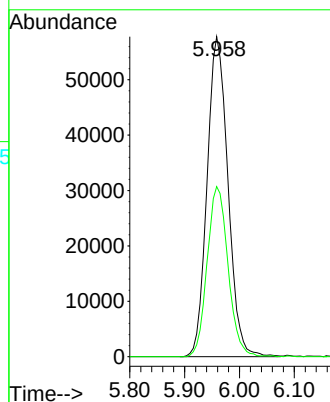
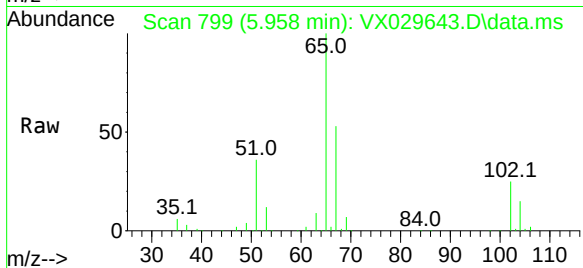
MW-50D

Tgt Ion: 65 Resp: 152890

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

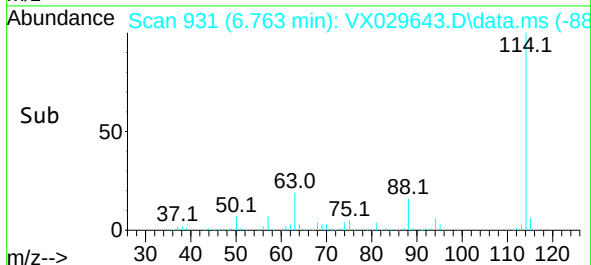
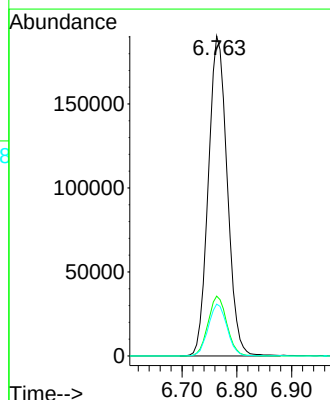
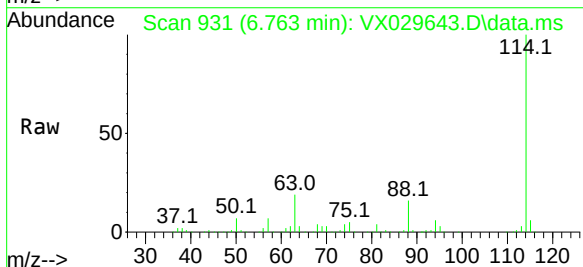
Tgt Ion: 114 Resp: 454463

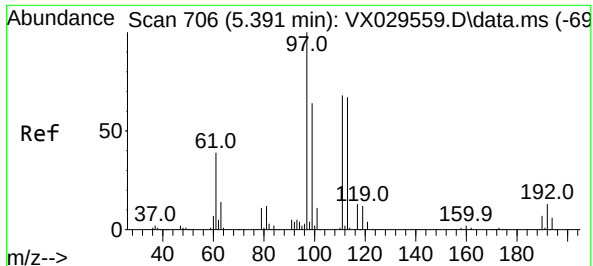
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.388 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA\_X

ClientSampleId :

MW-50D

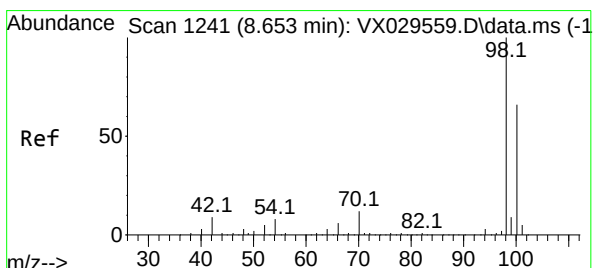
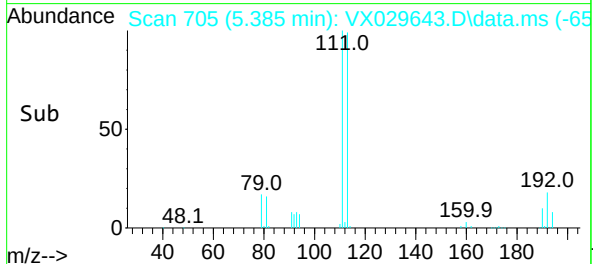
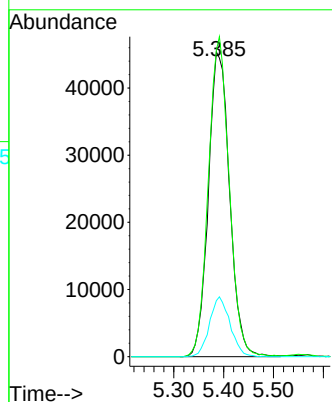
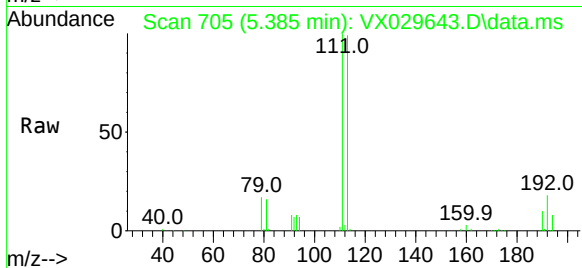
Tgt Ion:113 Resp: 134423

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.0 16.9 25.3



#50

Toluene-d8

Concen: 47.089 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX029643.D

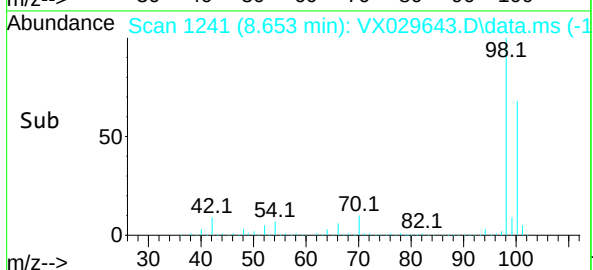
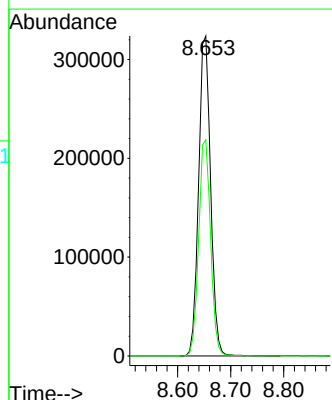
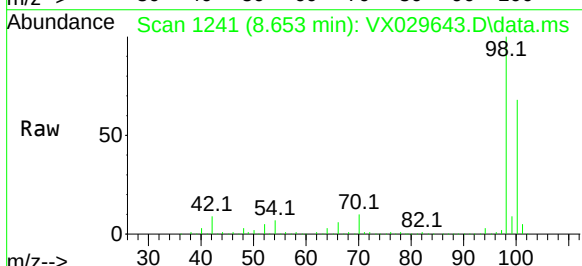
Acq: 21 Jun 2022 06:09

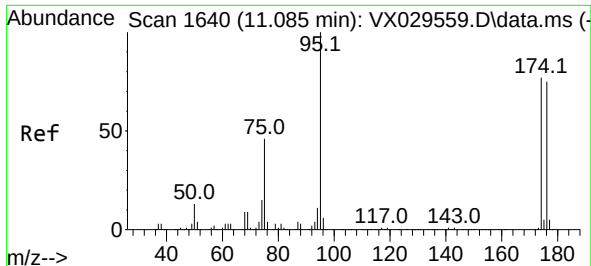
Tgt Ion: 98 Resp: 509482

Ion Ratio Lower Upper

98 100

100 67.4 52.6 78.8

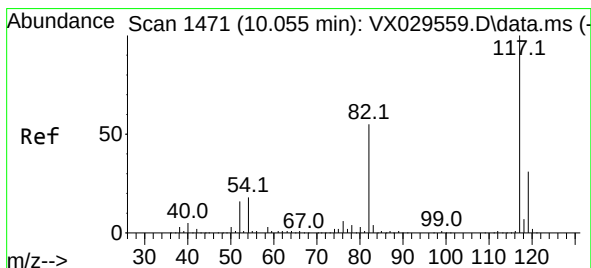
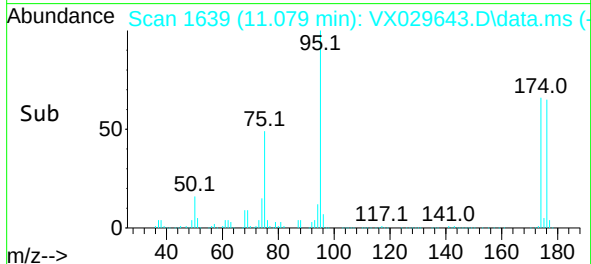
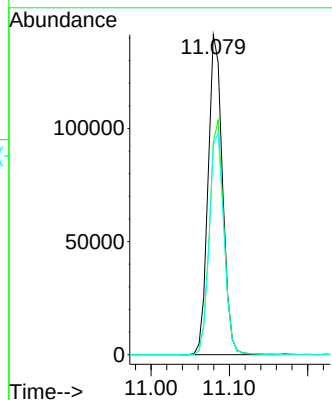
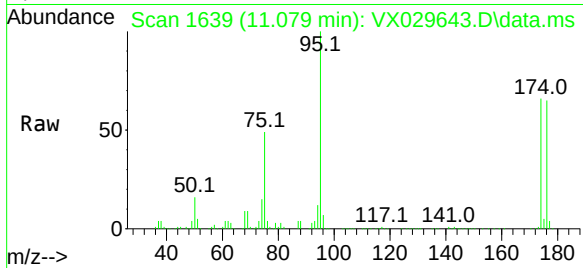




#62  
4-Bromofluorobenzene  
Concen: 44.292 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

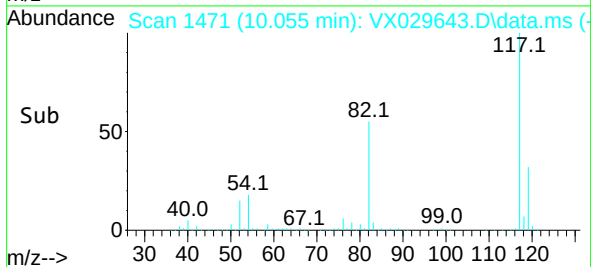
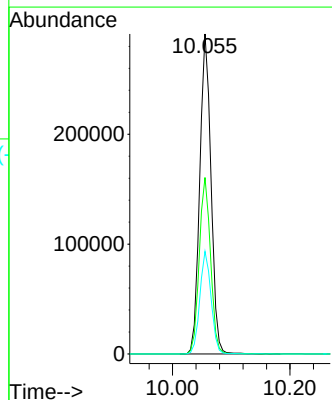
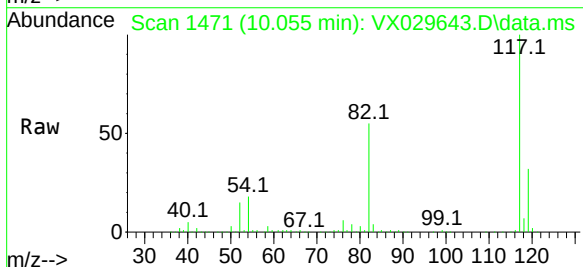
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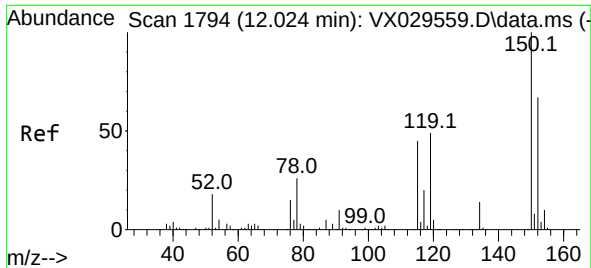
Tgt Ion: 95 Resp: 180721  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 163.0  
176 70.7 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029643.D  
Acq: 21 Jun 2022 06:09

Tgt Ion: 117 Resp: 387967  
Ion Ratio Lower Upper  
117 100  
82 55.1 41.8 62.8  
119 32.0 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA\_X

ClientSampleId :

MW-50D

Tgt Ion:152 Resp: 165269

Ion Ratio Lower Upper

152 100

115 62.7 37.5 112.7

150 156.8 0.0 338.2

