

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062524\  
 Data File : VX042024.D  
 Acq On : 25 Jun 2024 12:02  
 Operator : JC/MD  
 Sample : P3052-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW7-20240624

Quant Time: Jun 26 05:35:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

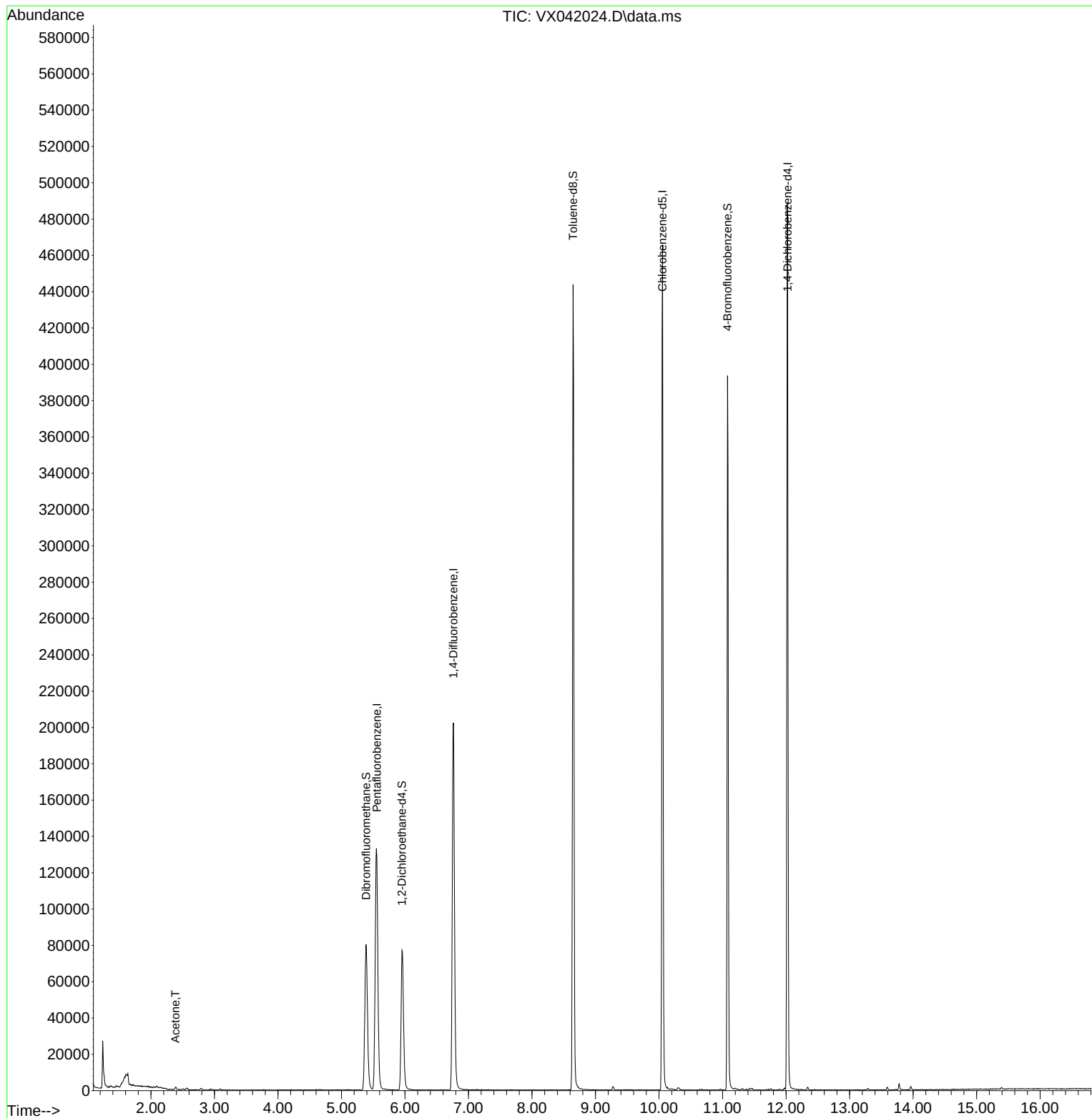
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 149302   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 228682   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 231766   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 118924   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 74347    | 43.184   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.360%   |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71522    | 44.078   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 88.160%   |
| 50) Toluene-d8              | 8.647  | 98    | 270818   | 47.509   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.020%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 104476   | 49.720   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 99.440%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.386  | 43    | 1722     | 2.278    | ug/l  | Qvalue 98 |
| -----                       |        |       |          |          |       |           |

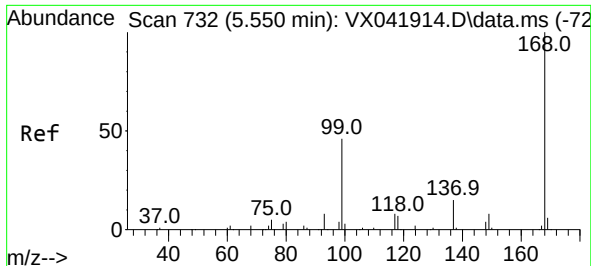
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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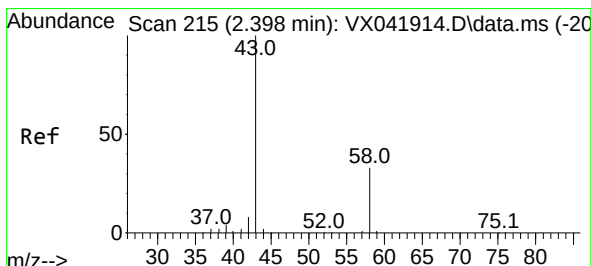
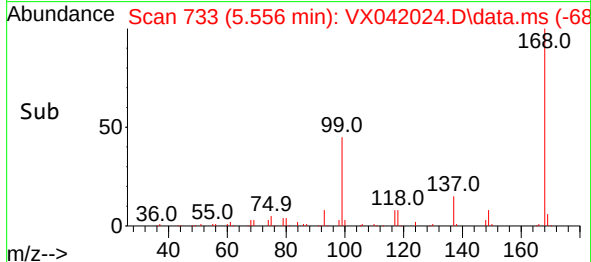
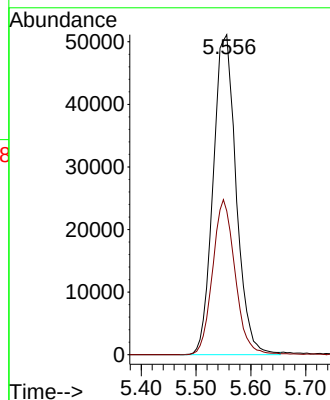
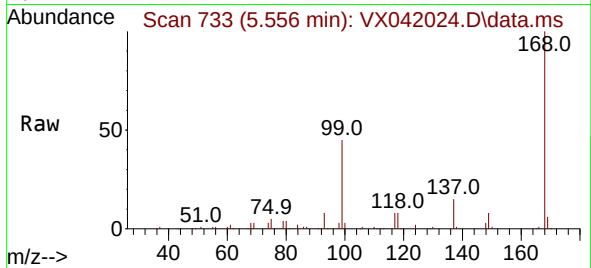




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX042024.D  
Acq: 25 Jun 2024 12:02

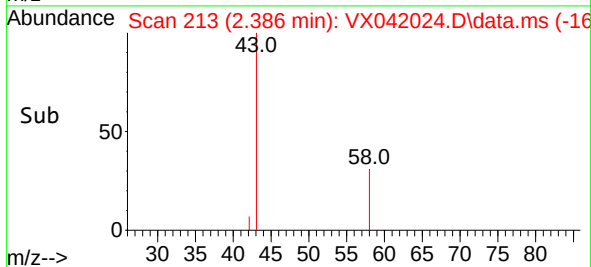
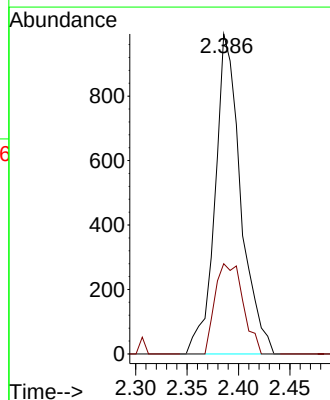
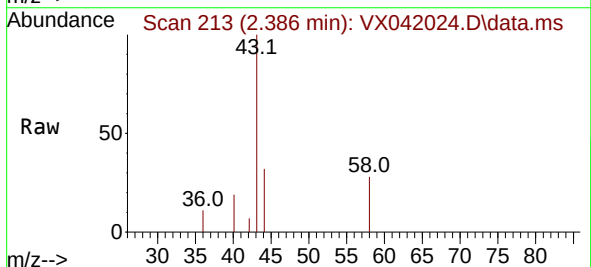
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW7-20240624

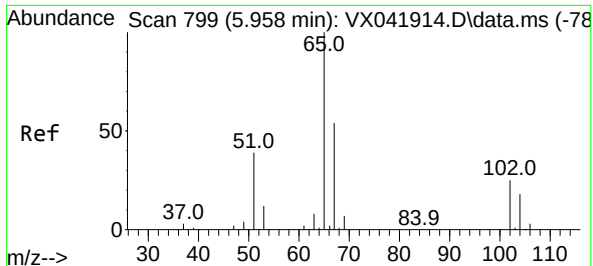
Tgt Ion:168 Resp: 149302  
Ion Ratio Lower Upper  
168 100  
99 44.9 56.6 85.0#



#16  
Acetone  
Concen: 2.278 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX042024.D  
Acq: 25 Jun 2024 12:02

Tgt Ion: 43 Resp: 1722  
Ion Ratio Lower Upper  
43 100  
58 28.2 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 43.184 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042024.D

Acq: 25 Jun 2024 12:02

Instrument :

MSVOA\_X

ClientSampleId :

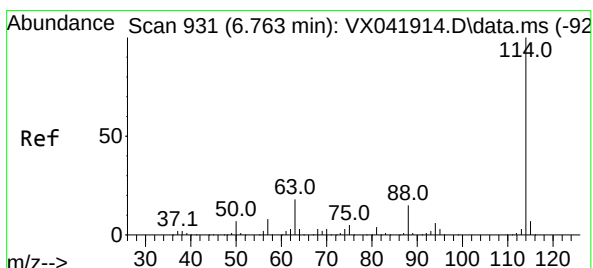
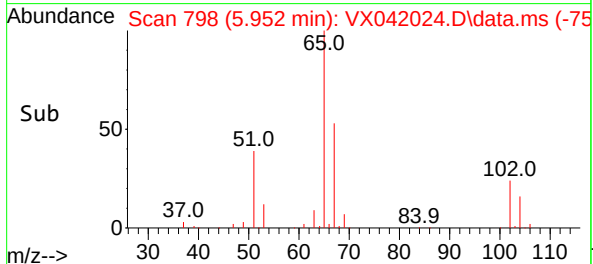
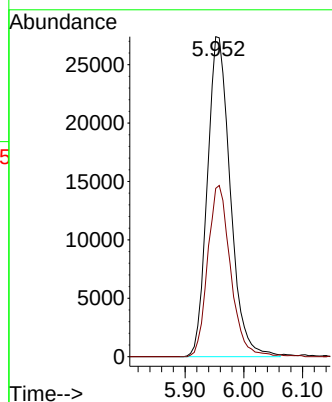
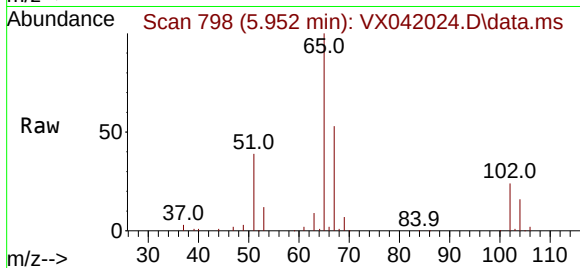
MW7-20240624

Tgt Ion: 65 Resp: 74347

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042024.D

Acq: 25 Jun 2024 12:02

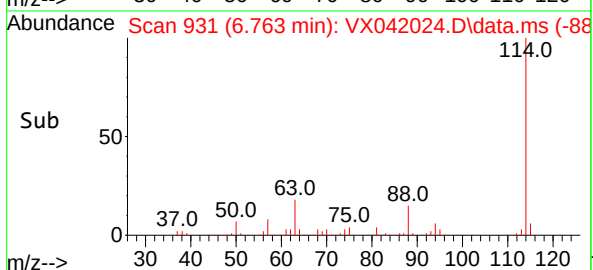
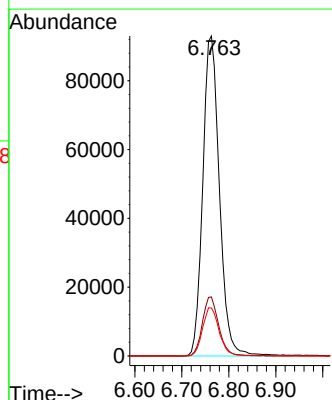
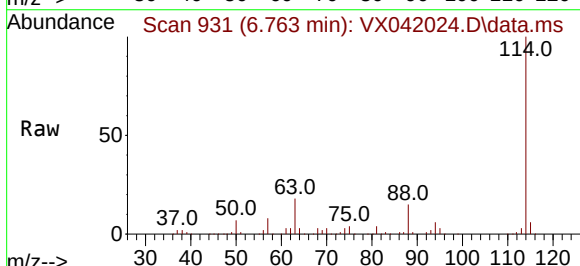
Tgt Ion: 114 Resp: 228682

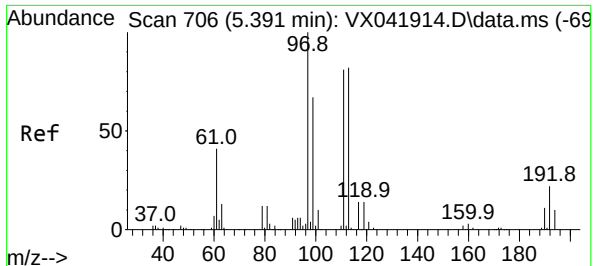
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.078 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX042024.D

Acq: 25 Jun 2024 12:02

Instrument :

MSVOA\_X

ClientSampleId :

MW7-20240624

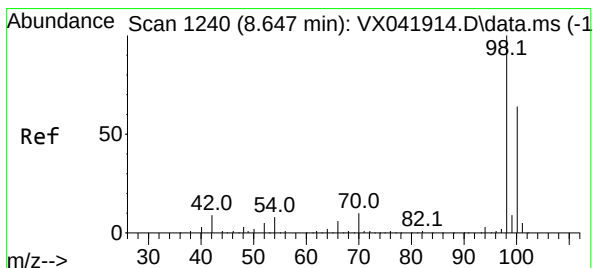
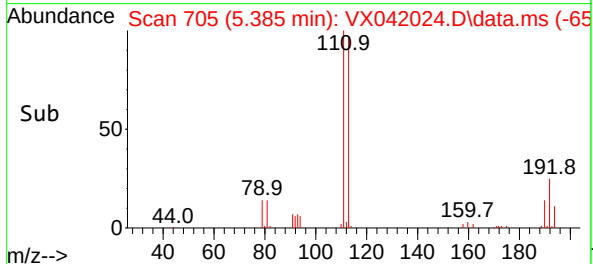
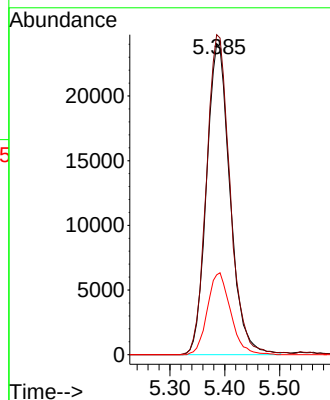
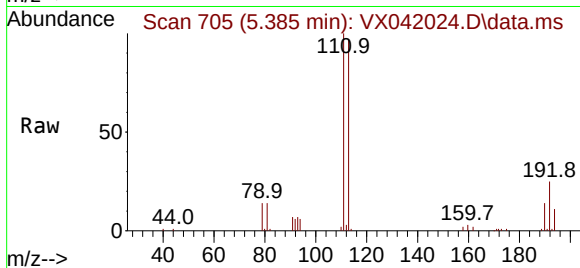
Tgt Ion:113 Resp: 71522

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 26.0 13.3 19.9#



#50

Toluene-d8

Concen: 47.509 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042024.D

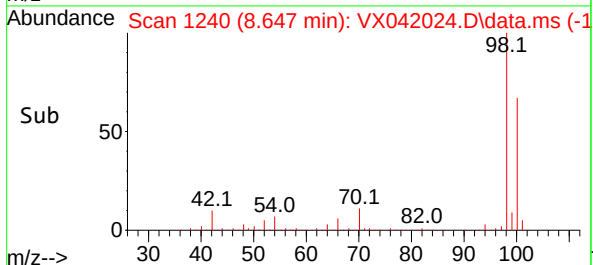
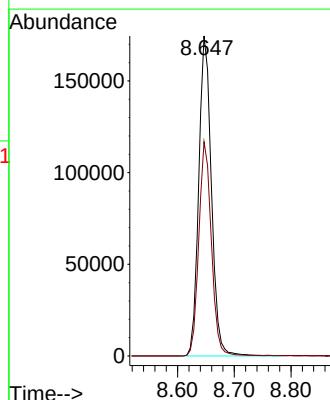
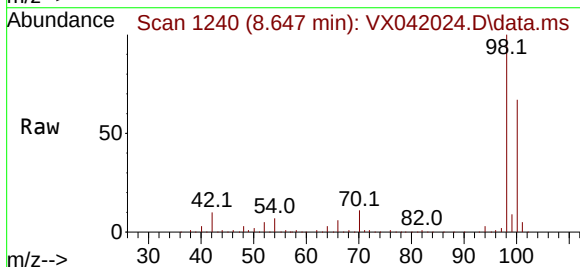
Acq: 25 Jun 2024 12:02

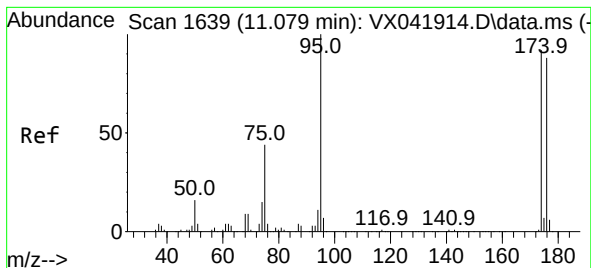
Tgt Ion: 98 Resp: 270818

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

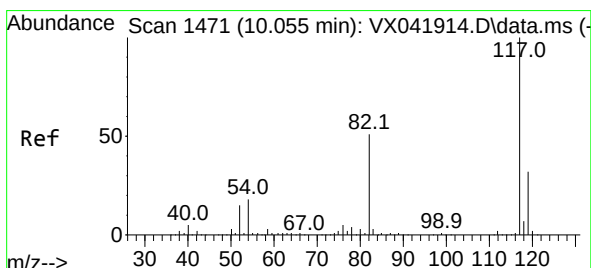
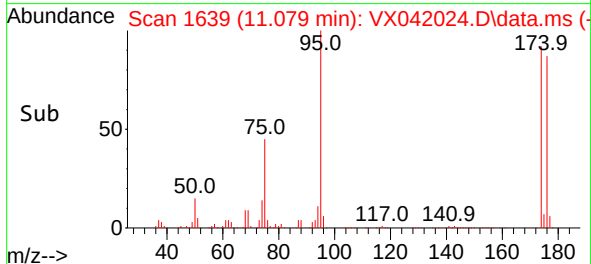
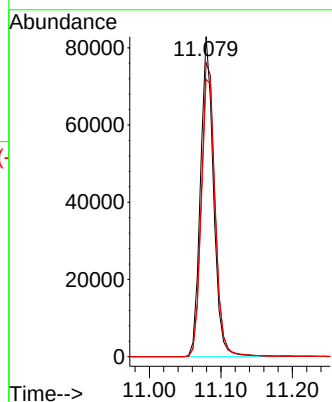
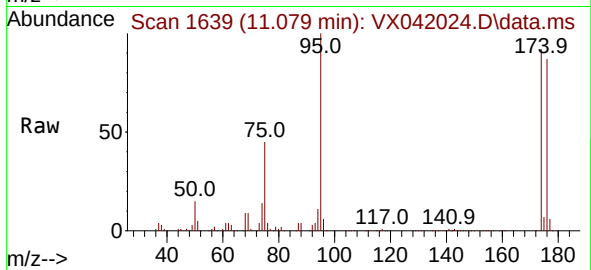




#62  
4-Bromofluorobenzene  
Concen: 49.720 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042024.D  
Acq: 25 Jun 2024 12:02

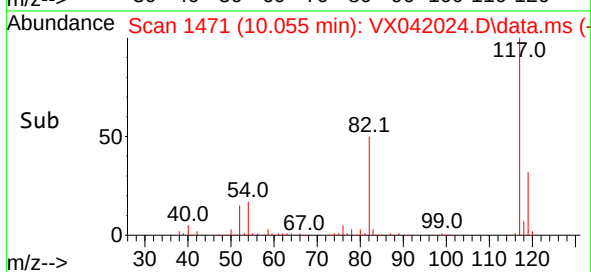
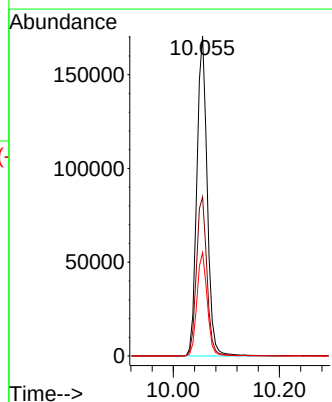
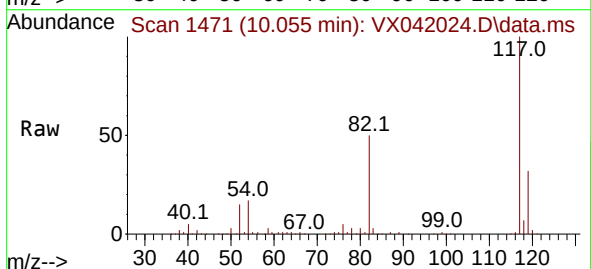
Instrument :  
MSVOA\_X  
ClientSampleId :  
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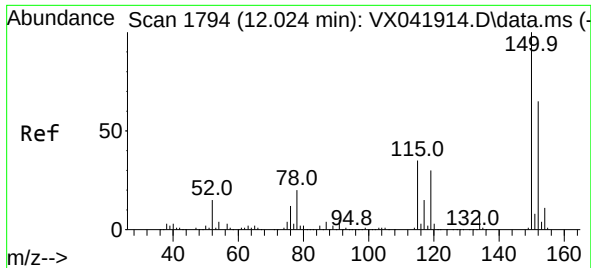
Tgt Ion: 95 Resp: 104476  
Ion Ratio Lower Upper  
95 100  
174 97.8 0.0 135.6  
176 93.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX042024.D  
Acq: 25 Jun 2024 12:02

Tgt Ion: 117 Resp: 231766  
Ion Ratio Lower Upper  
117 100  
82 49.7 46.2 69.4  
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042024.D

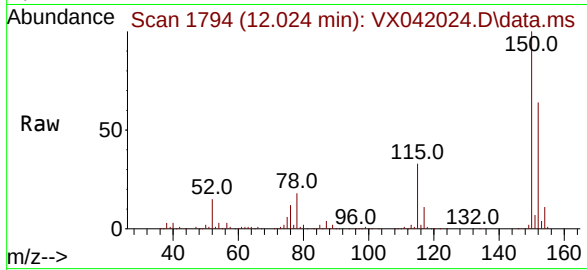
Acq: 25 Jun 2024 12:02

Instrument :

MSVOA\_X

ClientSampleId :

MW7-20240624



Tgt Ion:152 Resp: 118924

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.4 0.0 345.0

