

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050724\  
 Data File : VX041404.D  
 Acq On : 07 May 2024 14:17  
 Operator : JC/MD  
 Sample : P2389-01 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1400

Quant Time: May 08 02:00:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
 Response via : Initial Calibration

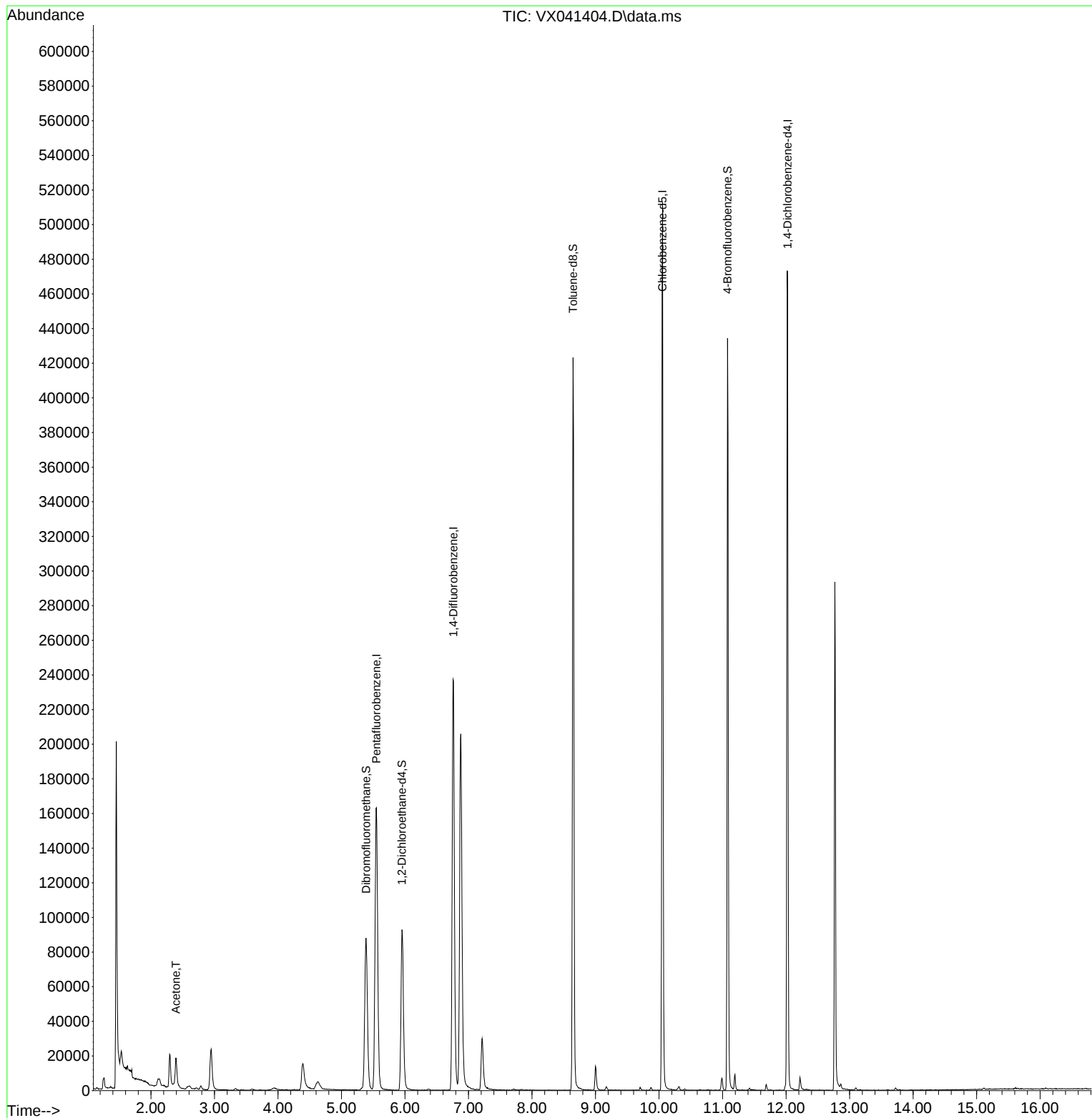
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 178166   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 261292   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 245009   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 111145   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 94749    | 48.850   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 97.700%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 76096    | 42.975   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 85.960%  |
| 50) Toluene-d8              | 8.647  | 98    | 254034   | 45.327   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 90.660%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 105670   | 48.707   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 97.420%  |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 2.392  | 43    | 20337    | 20.215   | ug/l  | # 77     |
| -----                       |        |       |          |          |       |          |

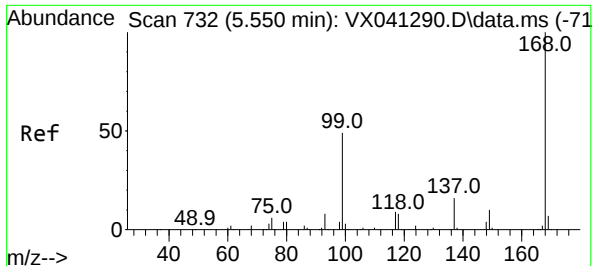
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2389-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1400

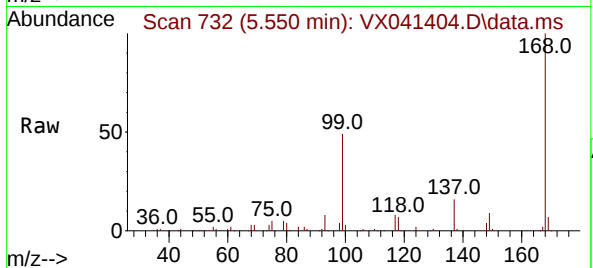
Quant Time: May 08 02:00:28 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 01 02:38:17 2024  
Response via : Initial Calibration



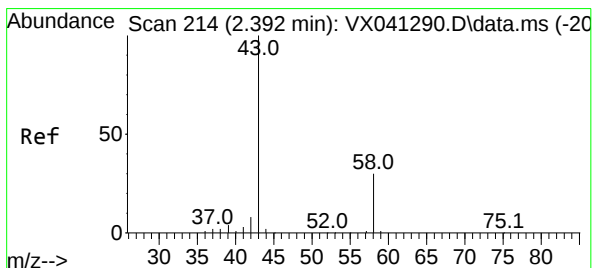
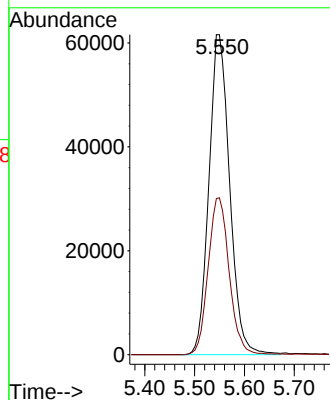
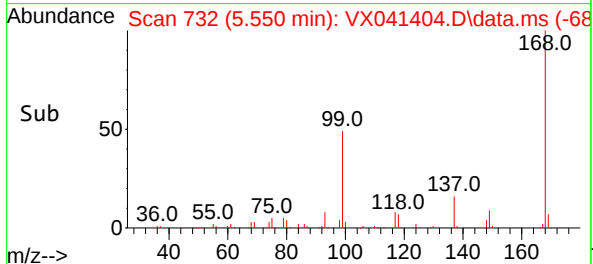


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041404.D  
Acq: 07 May 2024 14:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
1400

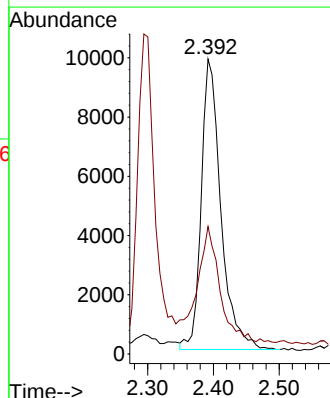
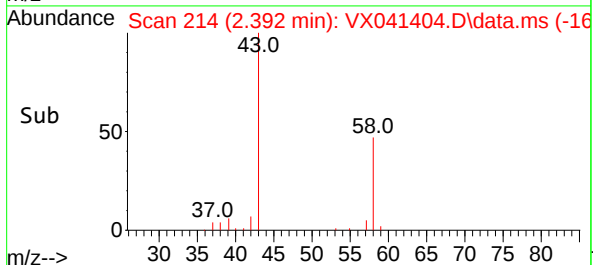
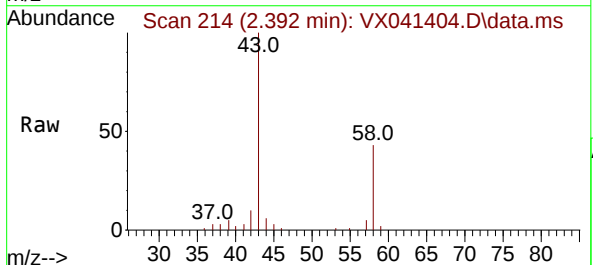


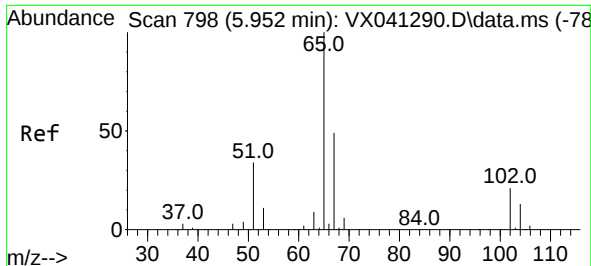
Tgt Ion:168 Resp: 178166  
Ion Ratio Lower Upper  
168 100  
99 49.1 56.6 85.0#



#16  
Acetone  
Concen: 20.215 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041404.D  
Acq: 07 May 2024 14:17

Tgt Ion: 43 Resp: 20337  
Ion Ratio Lower Upper  
43 100  
58 39.5 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 48.850 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA\_X

ClientSampleId :

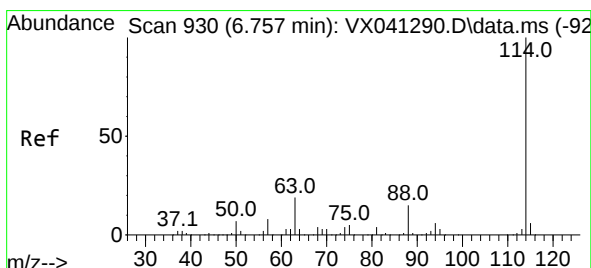
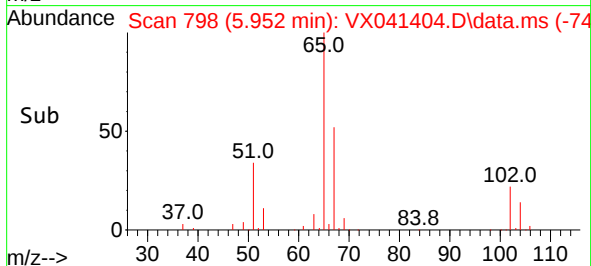
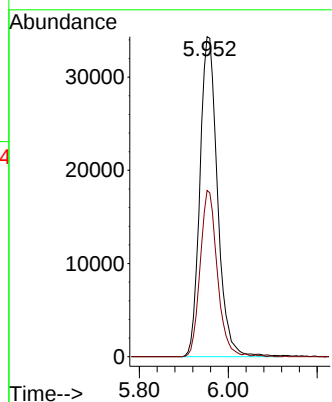
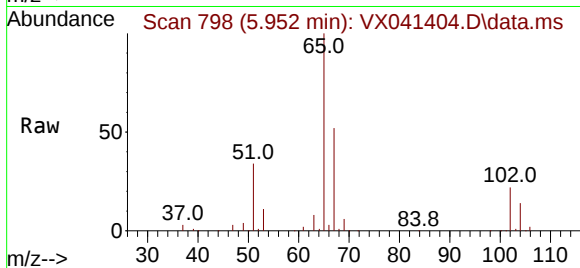
1400

Tgt Ion: 65 Resp: 94749

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

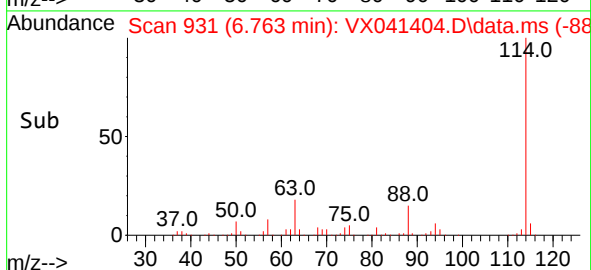
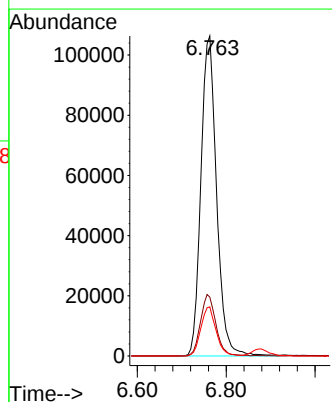
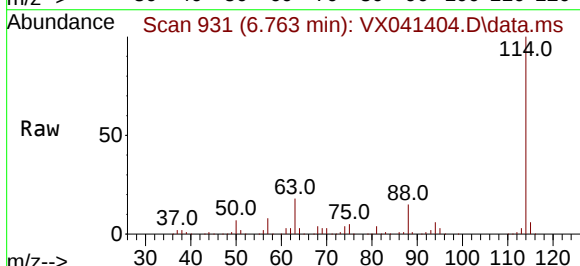
Tgt Ion: 114 Resp: 261292

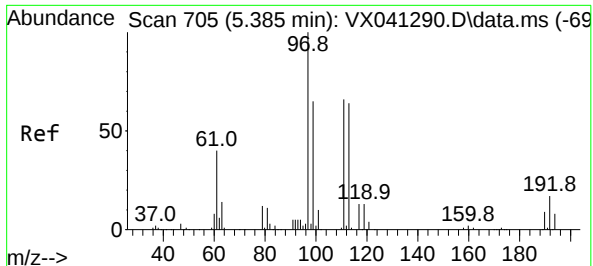
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.975 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA\_X

ClientSampleId :

1400

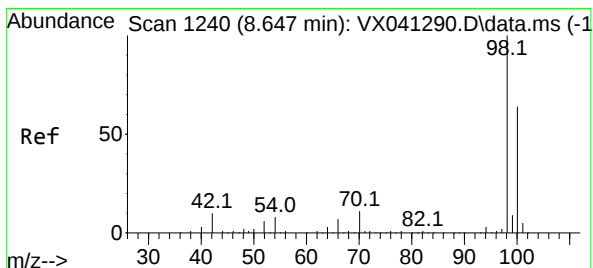
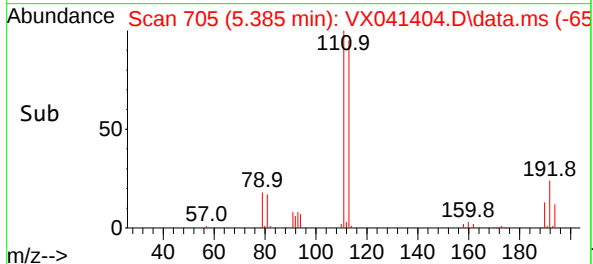
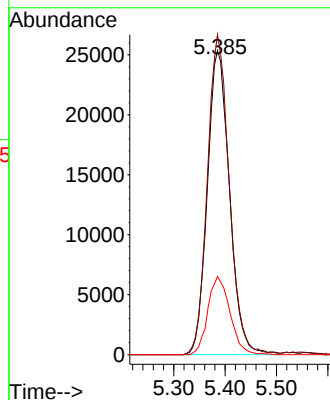
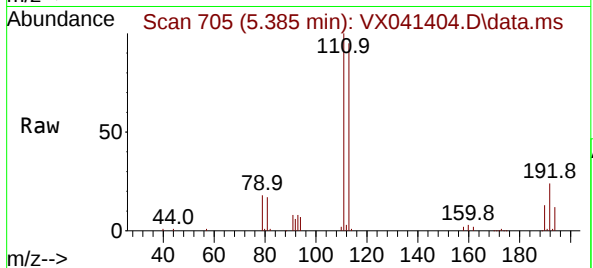
Tgt Ion:113 Resp: 76096

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 25.5 13.3 19.9#



#50

Toluene-d8

Concen: 45.327 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041404.D

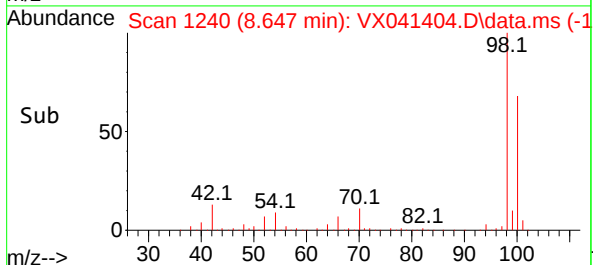
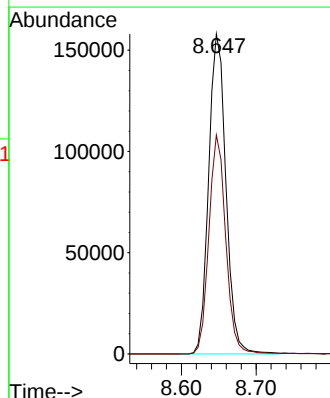
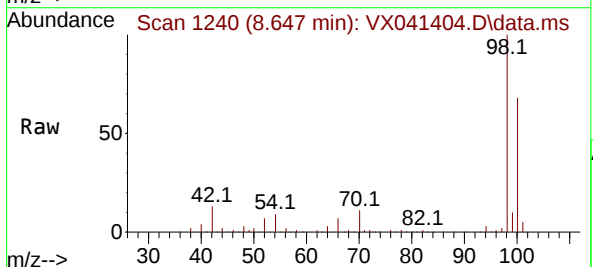
Acq: 07 May 2024 14:17

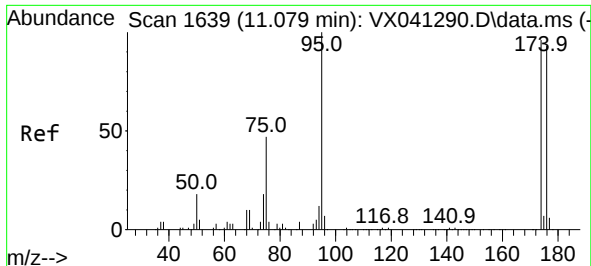
Tgt Ion: 98 Resp: 254034

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.707 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA\_X

ClientSampleId :

1400

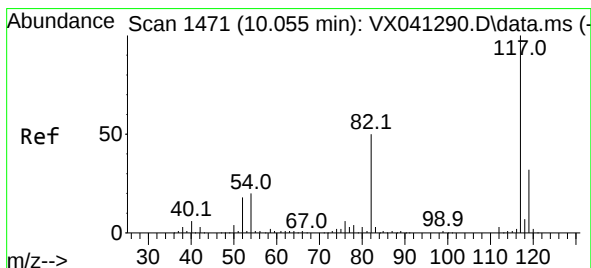
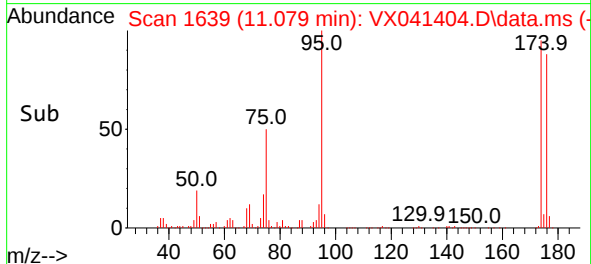
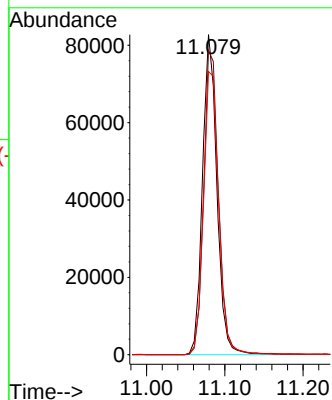
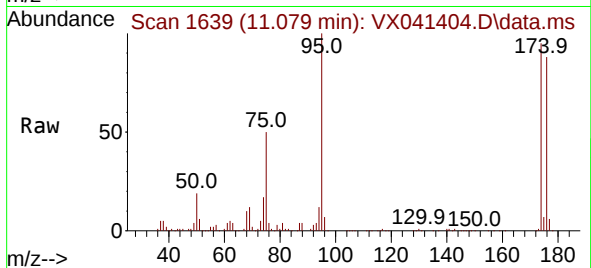
Tgt Ion: 95 Resp: 105670

Ion Ratio Lower Upper

95 100

174 98.8 0.0 135.6

176 93.7 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: VX041404.D

Acq: 07 May 2024 14:17

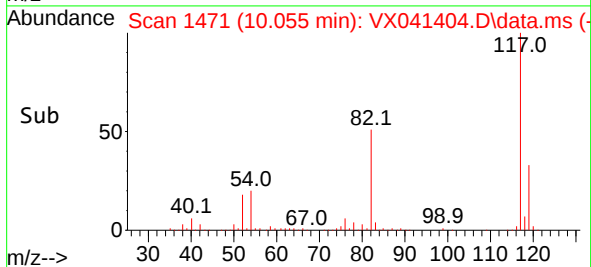
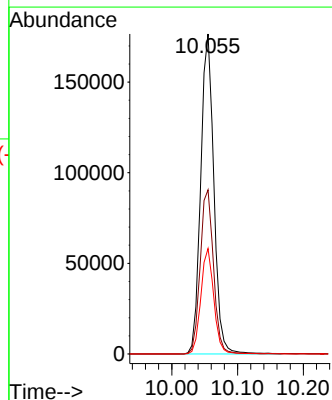
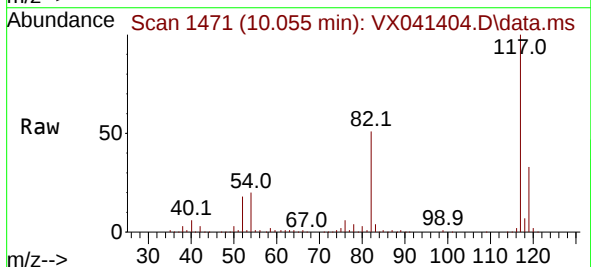
Tgt Ion: 117 Resp: 245009

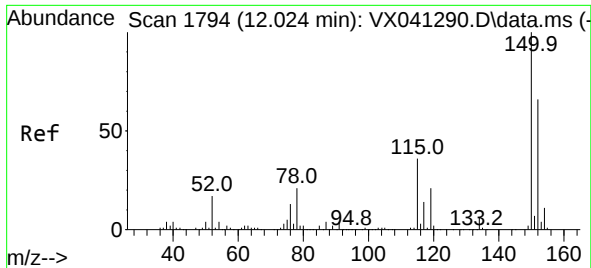
Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 33.0 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: VX041404.D

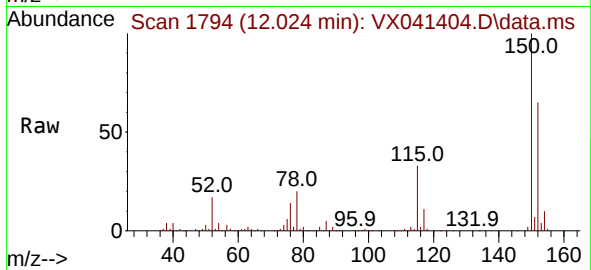
Acq: 07 May 2024 14:17

Instrument :

MSVOA\_X

ClientSampleId :

1400



Tgt Ion:152 Resp: 111145

Ion Ratio Lower Upper

152 100

115 53.3 43.3 129.9

150 157.3 0.0 345.0

