

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
 Data File : VX032825.D  
 Acq On : 15 Nov 2022 16:12  
 Operator : JC/MD  
 Sample : N5587-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-140B-20221110

Quant Time: Nov 16 03:34:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

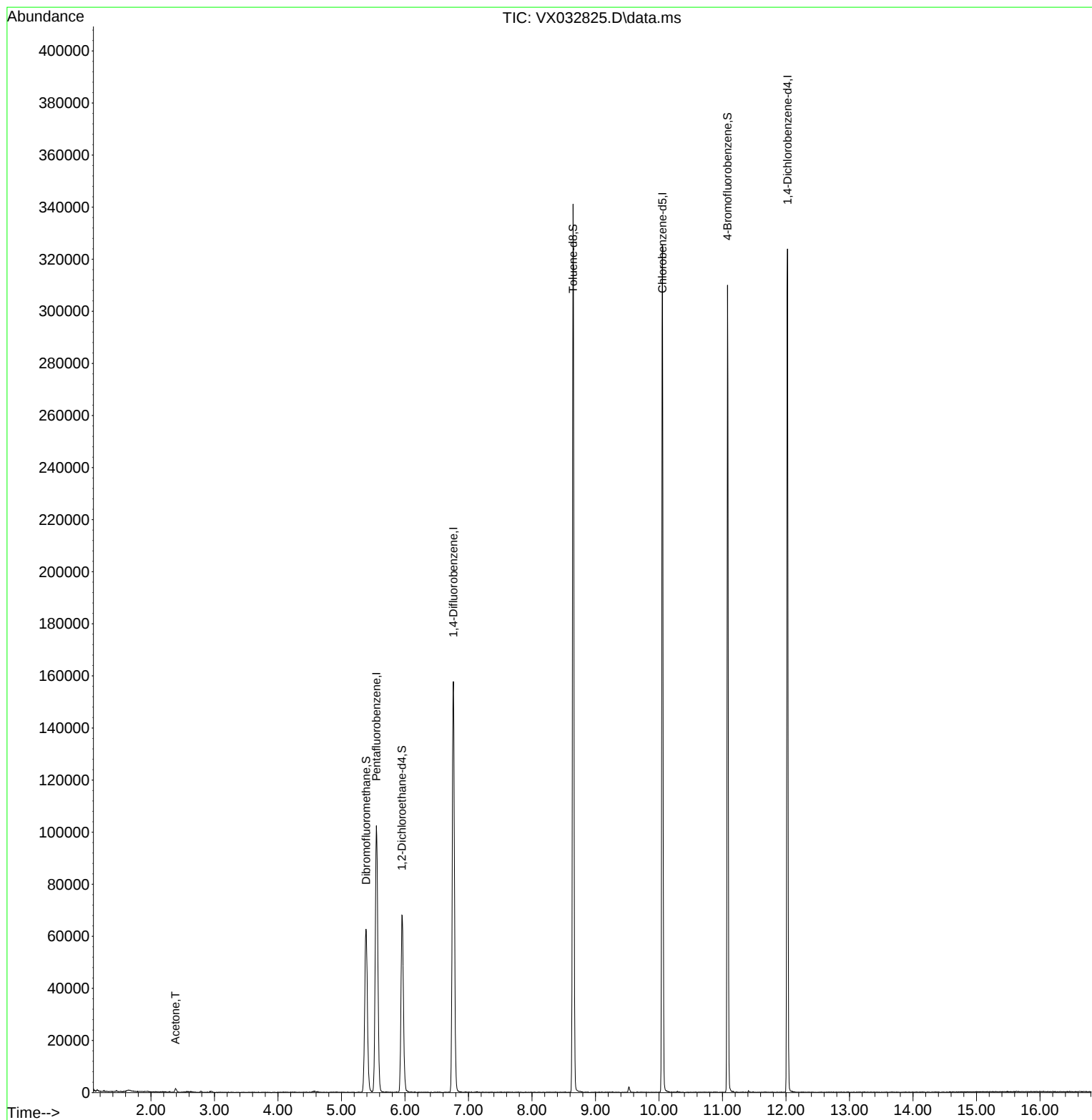
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)  |
|-----------------------------|--------|----------------|----------|--------|----------|-----------|
| -----                       |        |                |          |        |          |           |
| Internal Standards          |        |                |          |        |          |           |
| 1) Pentafluorobenzene       | 5.550  | 168            | 97159    | 50.000 | ug/l     | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114            | 162002   | 50.000 | ug/l     | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 145833   | 50.000 | ug/l     | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 67681    | 50.000 | ug/l     | 0.00      |
| System Monitoring Compounds |        |                |          |        |          |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65             | 68850    | 51.000 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | =      | 102.000% |           |
| 35) Dibromofluoromethane    | 5.385  | 113            | 55095    | 47.678 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =      | 95.360%  |           |
| 50) Toluene-d8              | 8.647  | 98             | 199074   | 49.543 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | =      | 99.080%  |           |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 75849    | 48.324 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | =      | 96.640%  |           |
| Target Compounds            |        |                |          |        |          |           |
| 16) Acetone                 | 2.386  | 43             | 1715     | 3.495  | ug/l     | Qvalue 97 |
| -----                       |        |                |          |        |          |           |

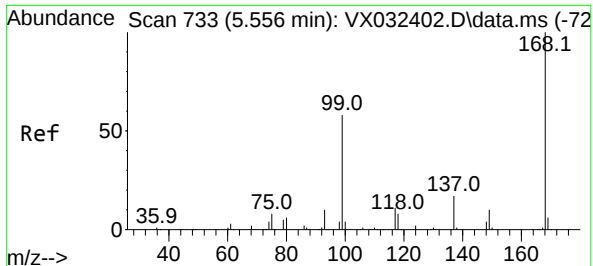
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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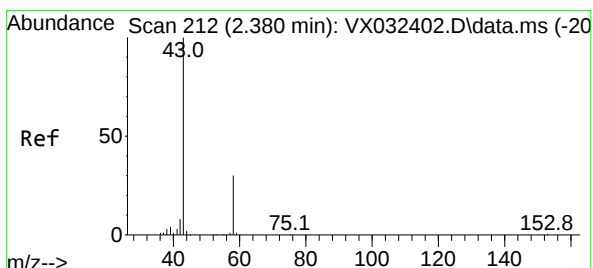
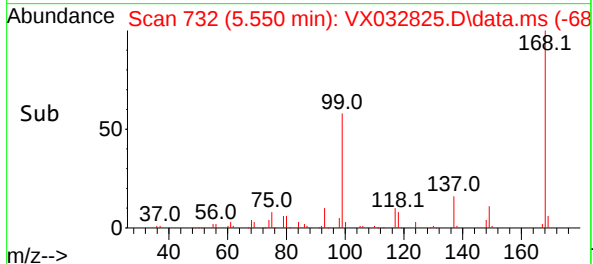
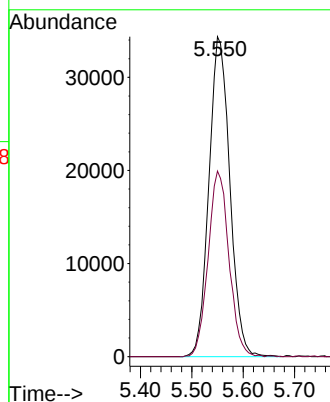
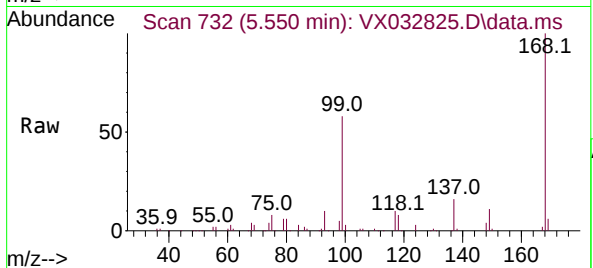




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX032825.D  
Acq: 15 Nov 2022 16:12

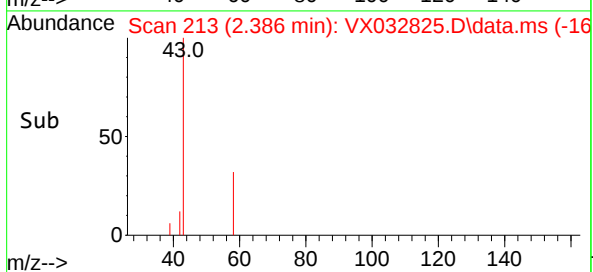
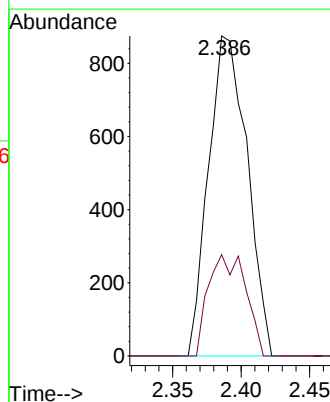
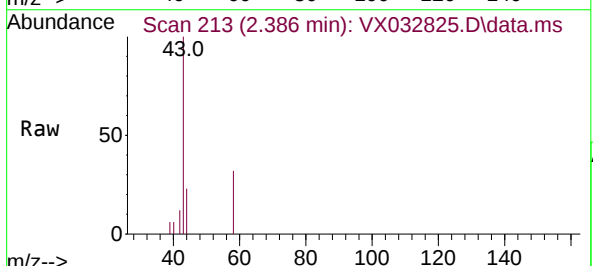
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-140B-20221110

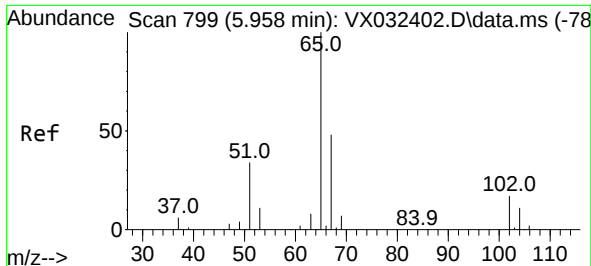
Tgt Ion:168 Resp: 97159  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.1 69.1



#16  
Acetone  
Concen: 3.495 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX032825.D  
Acq: 15 Nov 2022 16:12

Tgt Ion: 43 Resp: 1715  
Ion Ratio Lower Upper  
43 100  
58 31.7 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 51.000 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

Instrument :

MSVOA\_X

ClientSampleId :

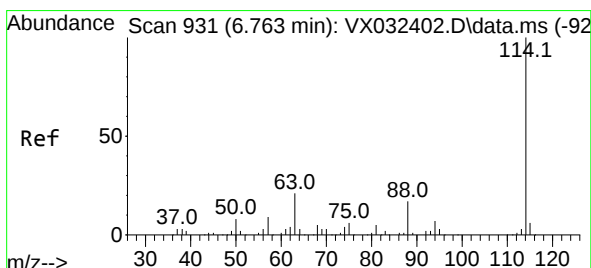
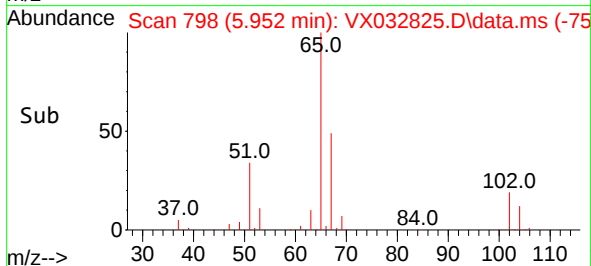
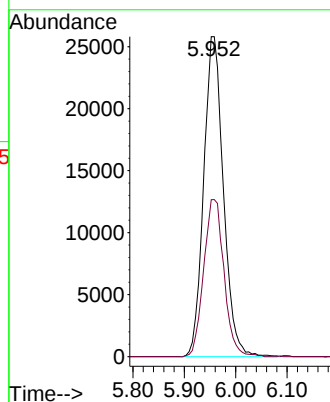
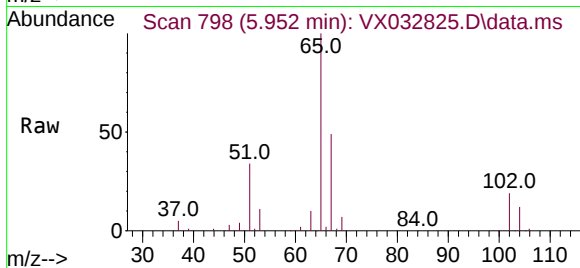
MH-140B-20221110

Tgt Ion: 65 Resp: 68850

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

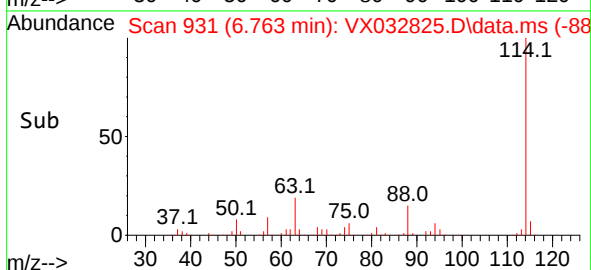
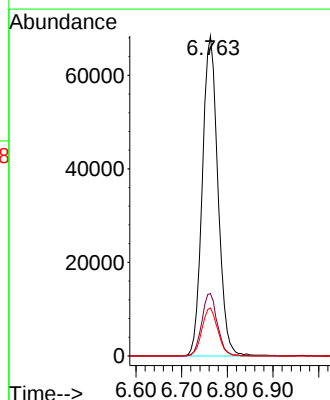
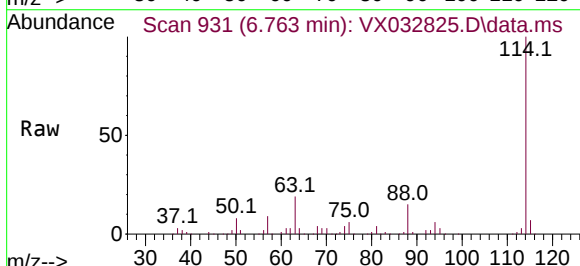
Tgt Ion: 114 Resp: 162002

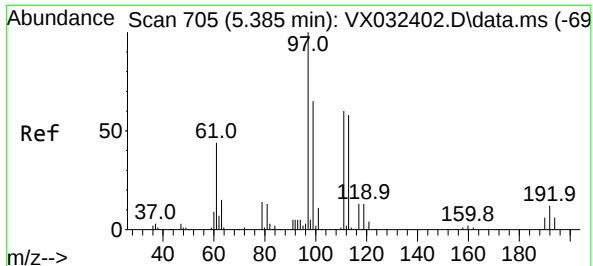
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.678 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032825.D

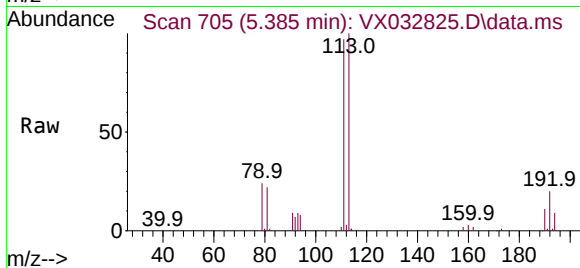
Acq: 15 Nov 2022 16:12

Instrument :

MSVOA\_X

ClientSampleId :

MH-140B-20221110



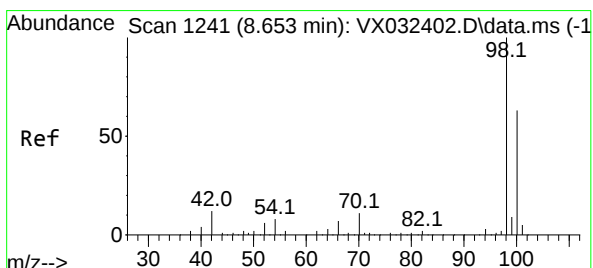
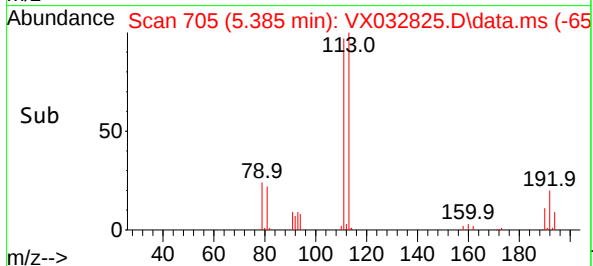
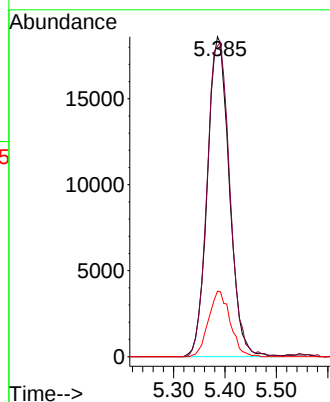
Tgt Ion:113 Resp: 55095

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 20.2 15.4 23.2



#50

Toluene-d8

Concen: 49.543 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032825.D

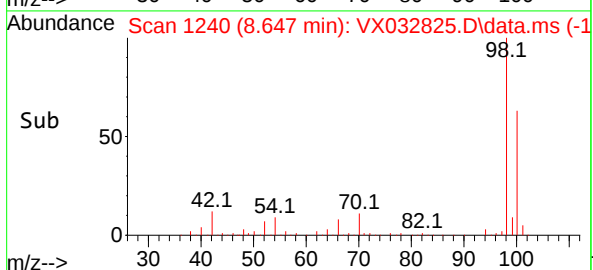
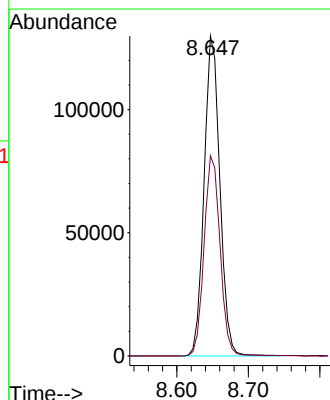
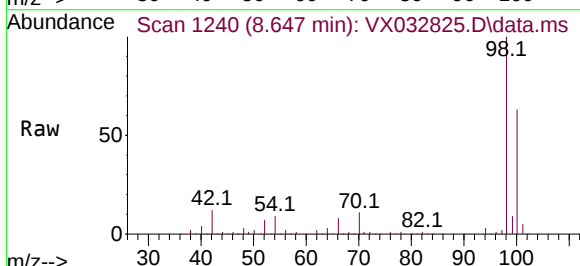
Acq: 15 Nov 2022 16:12

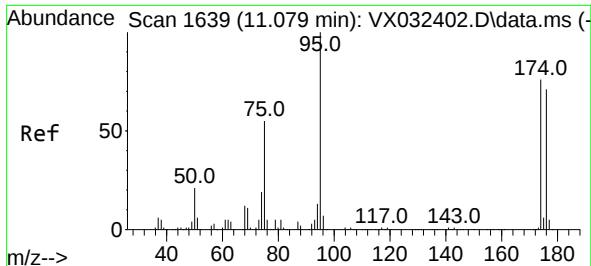
Tgt Ion: 98 Resp: 199074

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

Instrument :

MSVOA\_X

ClientSampleId :

MH-140B-20221110

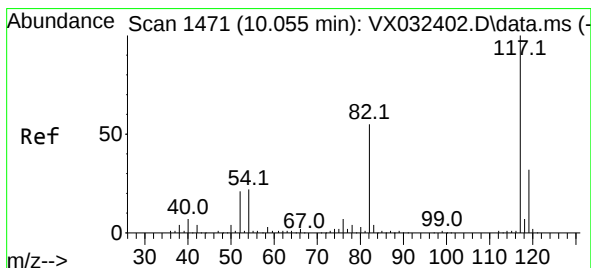
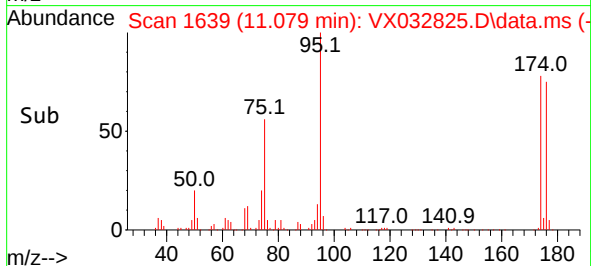
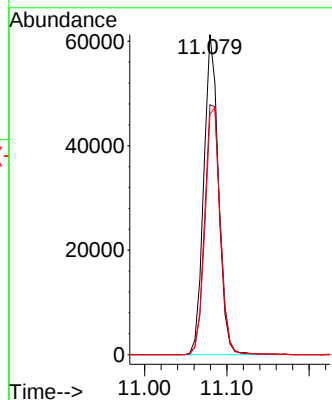
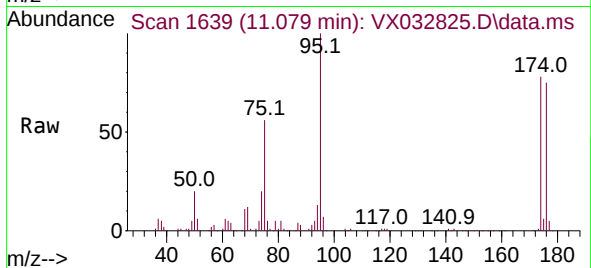
Tgt Ion: 95 Resp: 75849

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 80.2 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

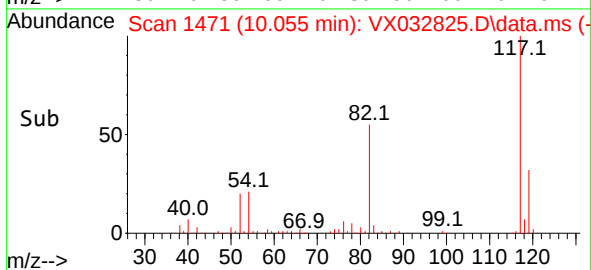
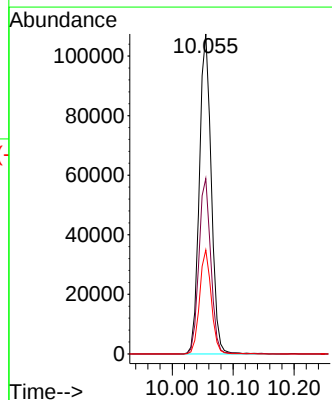
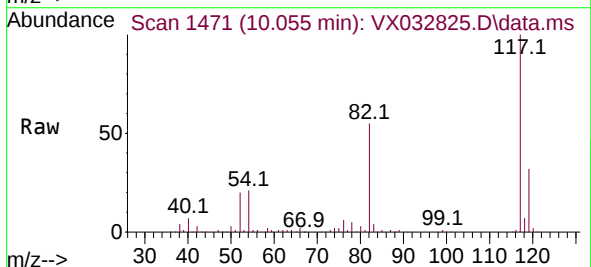
Tgt Ion: 117 Resp: 145833

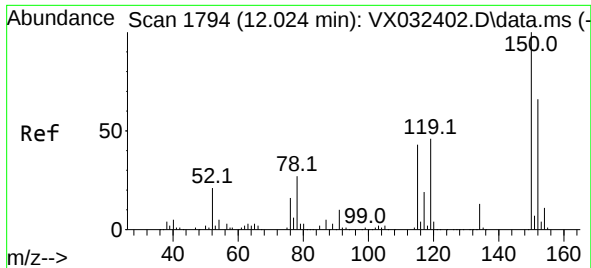
Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032825.D

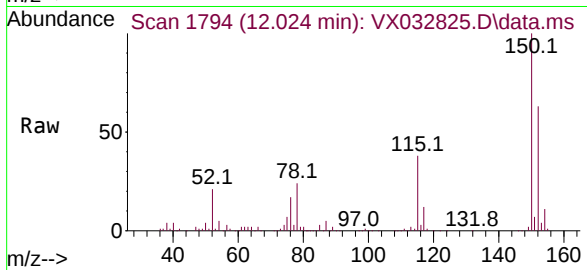
Acq: 15 Nov 2022 16:12

Instrument :

MSVOA\_X

ClientSampleId :

MH-140B-20221110



Tgt Ion:152 Resp: 67681

Ion Ratio Lower Upper

152 100

115 59.1 44.0 132.0

150 156.8 0.0 351.8

