

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092022\  
 Data File : VX031494.D  
 Acq On : 20 Sep 2022 14:37  
 Operator : JC/MD  
 Sample : N4641-08  
 Misc : 5.57G/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B22002-5.5

Quant Time: Sep 21 04:54:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 09:45:29 2022  
 Response via : Initial Calibration

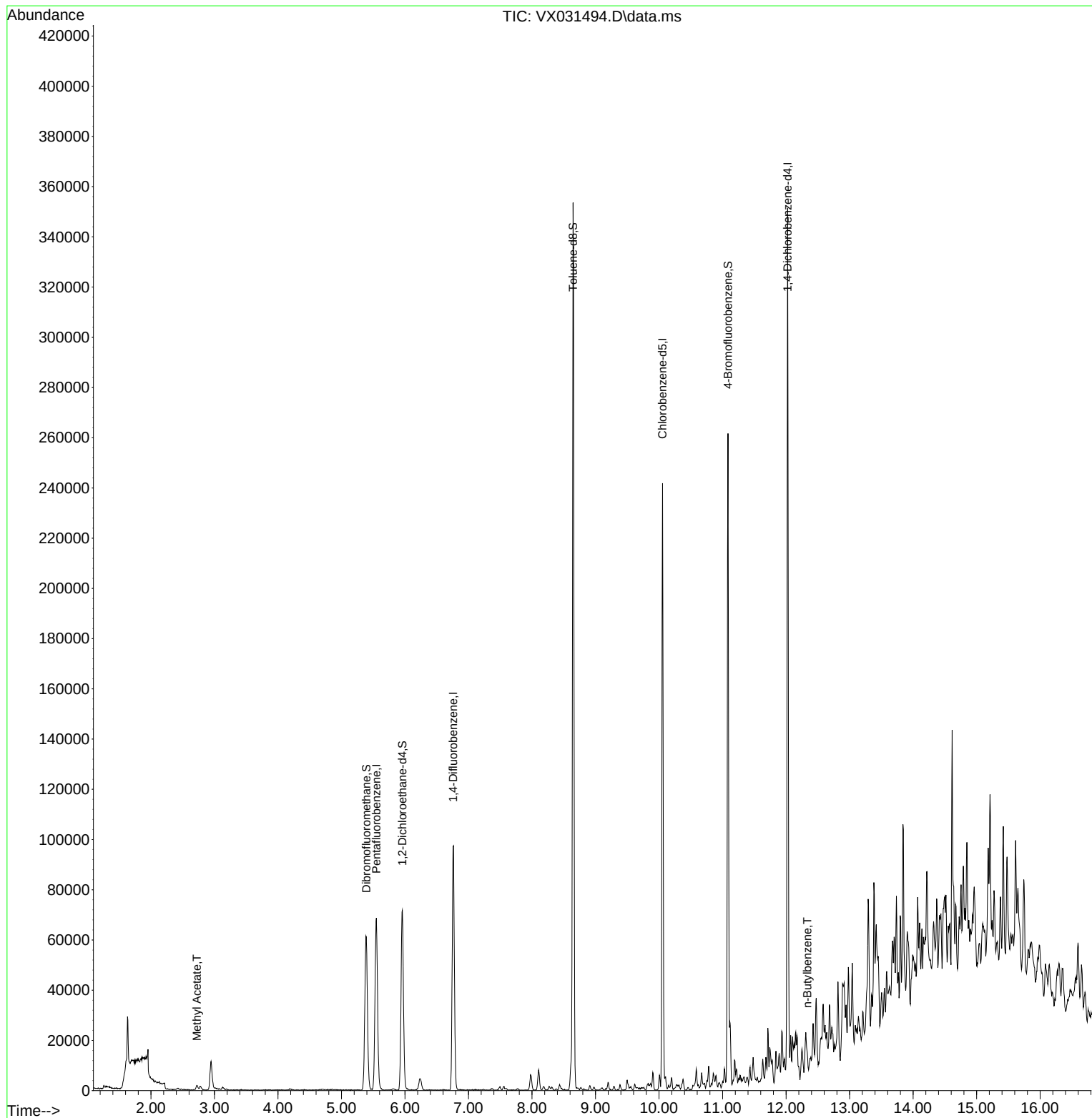
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 65150    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 100822   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 104209   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 66985    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 64641    | 54.089   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 108.180% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 51369    | 49.283   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 98.560%  |
| 50) Toluene-d8              | 8.647     | 98    | 200314   | 49.868   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 99.740%  |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 58909    | 43.296   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 86.600%  |
| Target Compounds            |           |       |          |          |        |          |
| 18) Methyl Acetate          | 2.721     | 43    | 2510     | 1.406    | ug/l   | 93       |
| 89) n-Butylbenzene          | 12.335    | 91    | 1474     | 0.394    | ug/l # | 60       |
| -----                       |           |       |          |          |        |          |

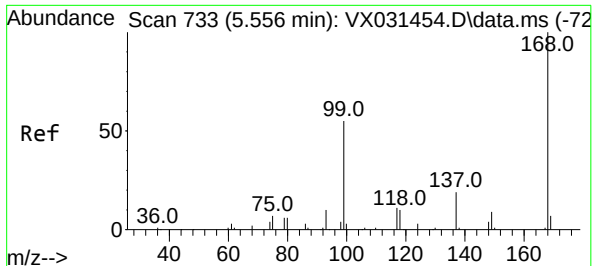
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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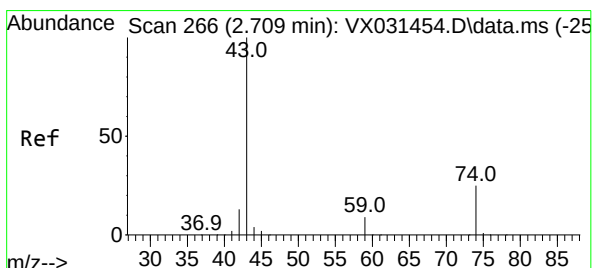
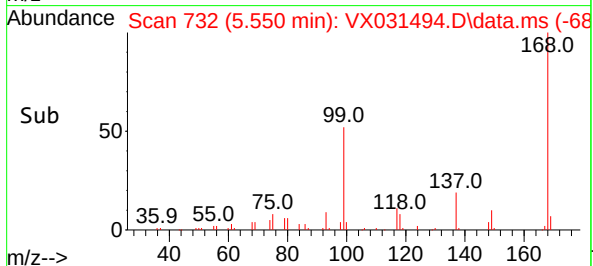
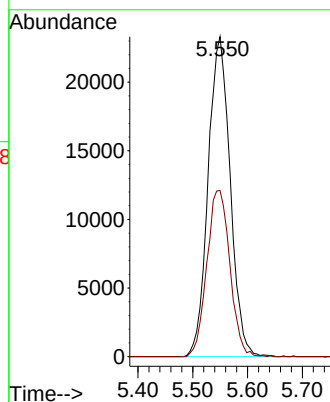
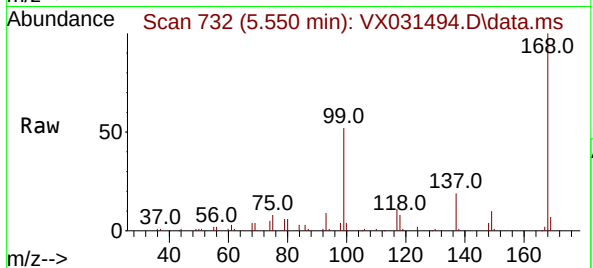




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031494.D  
Acq: 20 Sep 2022 14:37

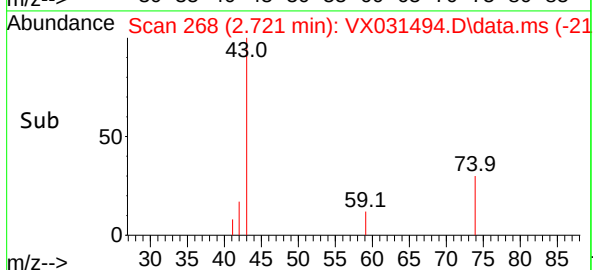
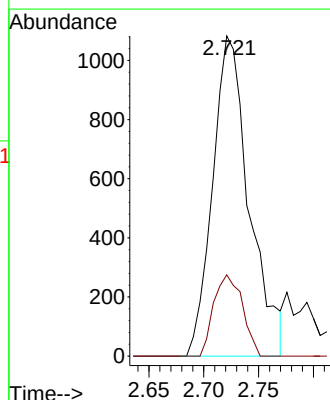
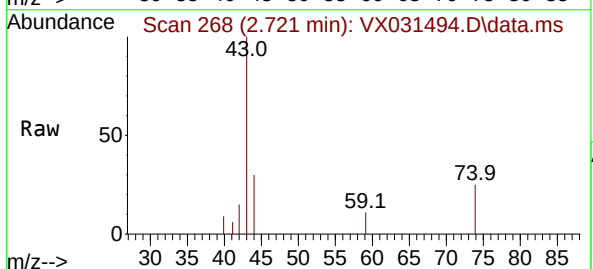
Instrument :  
MSVOA\_X  
ClientSampleId :  
B22002-5.5

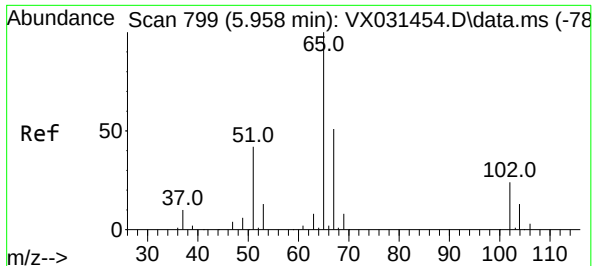
Tgt Ion:168 Resp: 65150  
Ion Ratio Lower Upper  
168 100  
99 51.9 48.8 73.2



#18  
Methyl Acetate  
Concen: 1.406 ug/l  
RT: 2.721 min Scan# 268  
Delta R.T. 0.012 min  
Lab File: VX031494.D  
Acq: 20 Sep 2022 14:37

Tgt Ion: 43 Resp: 2510  
Ion Ratio Lower Upper  
43 100  
74 19.9 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 54.089 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031494.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA\_X

ClientSampleId :

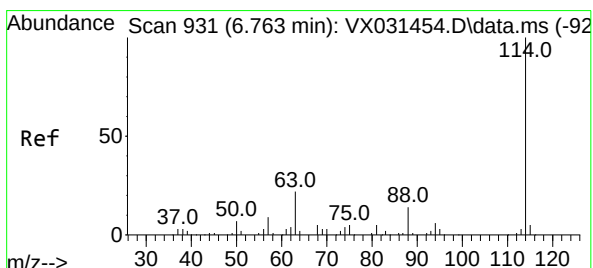
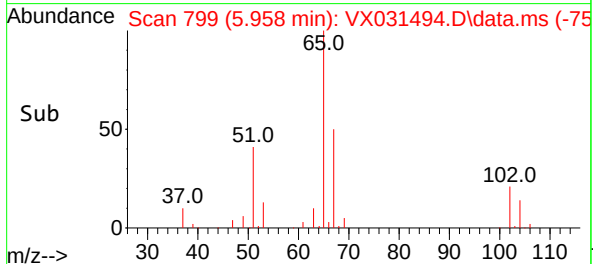
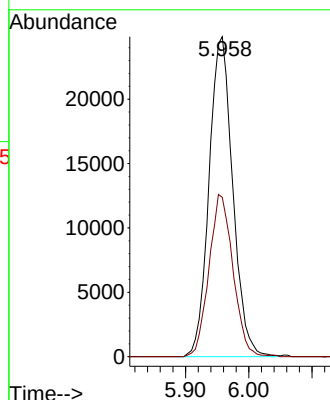
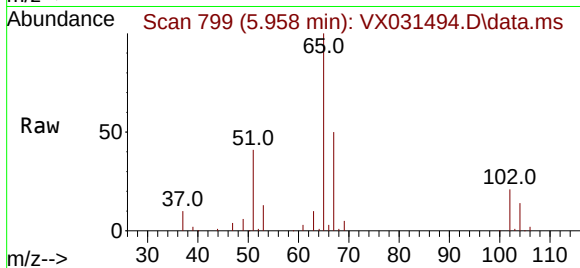
B22002-5.5

Tgt Ion: 65 Resp: 64641

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031494.D

Acq: 20 Sep 2022 14:37

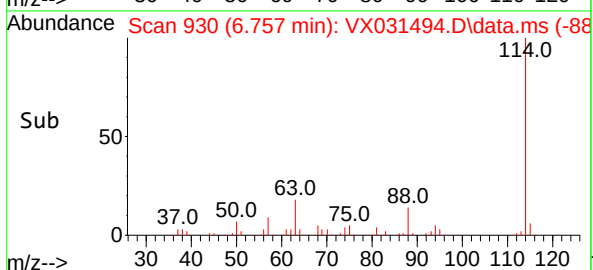
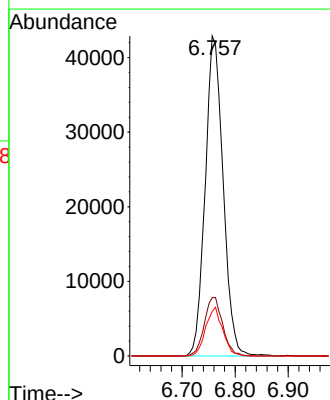
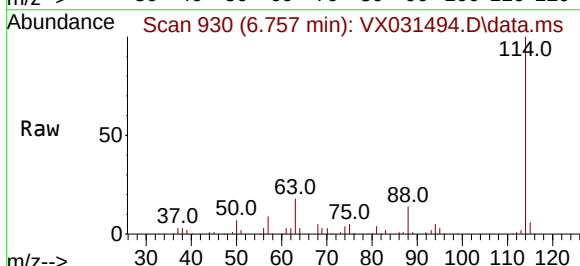
Tgt Ion: 114 Resp: 100822

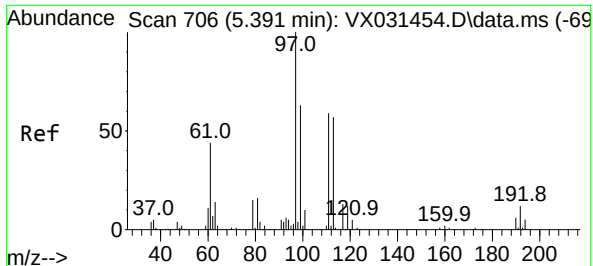
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.283 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031494.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA\_X

ClientSampleId :

B22002-5.5

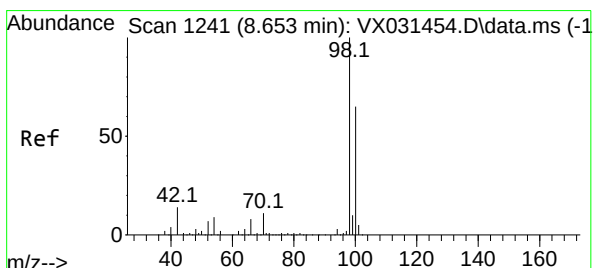
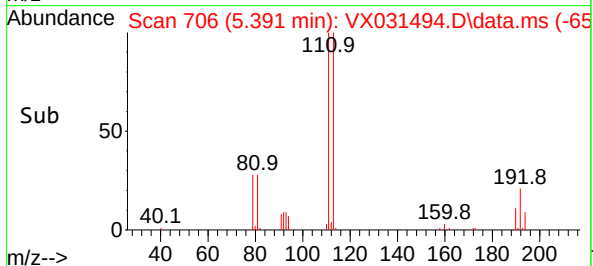
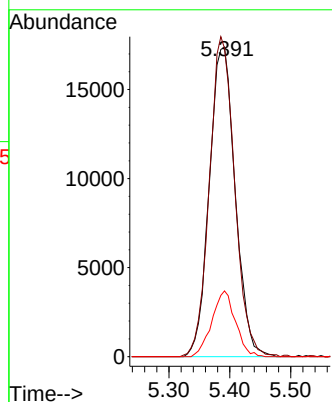
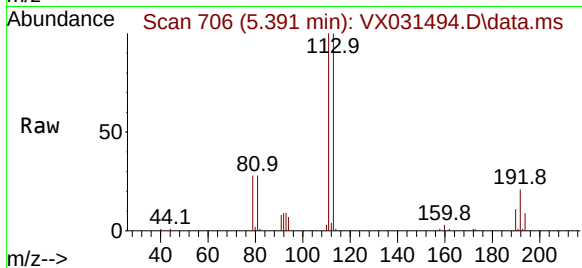
Tgt Ion:113 Resp: 51369

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

192 19.3 14.1 21.1



#50

Toluene-d8

Concen: 49.868 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031494.D

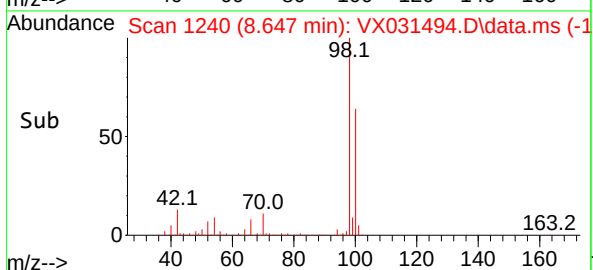
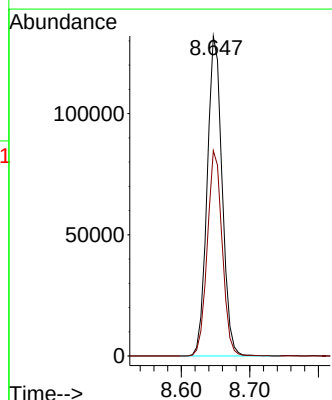
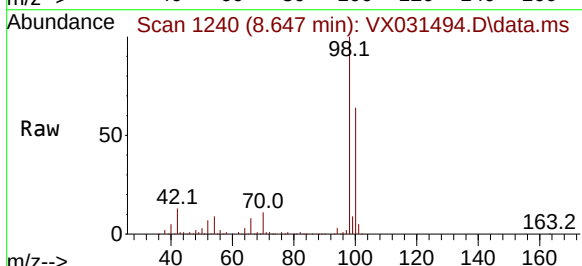
Acq: 20 Sep 2022 14:37

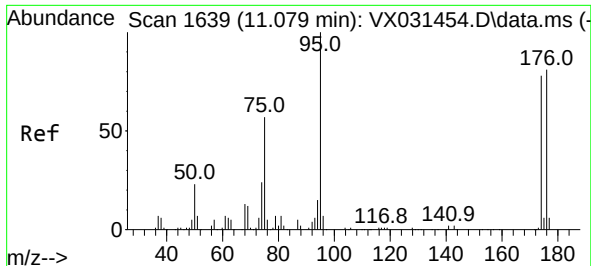
Tgt Ion: 98 Resp: 200314

Ion Ratio Lower Upper

98 100

100 64.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 43.296 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031494.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA\_X

ClientSampleId :

B22002-5.5

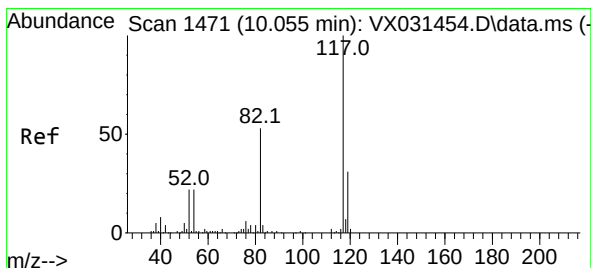
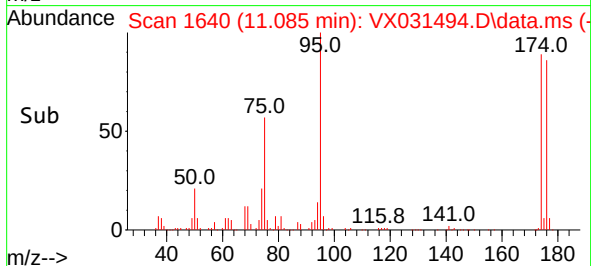
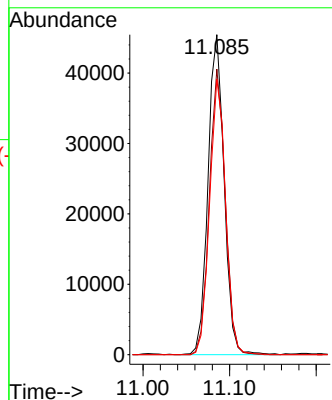
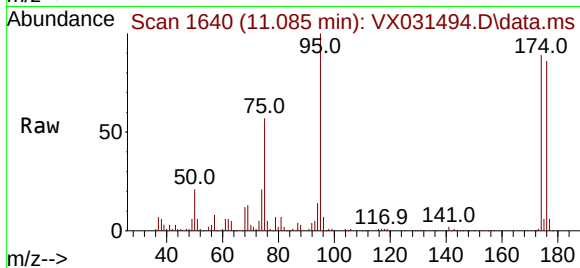
Tgt Ion: 95 Resp: 58909

Ion Ratio Lower Upper

95 100

174 87.9 0.0 153.2

176 84.9 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031494.D

Acq: 20 Sep 2022 14:37

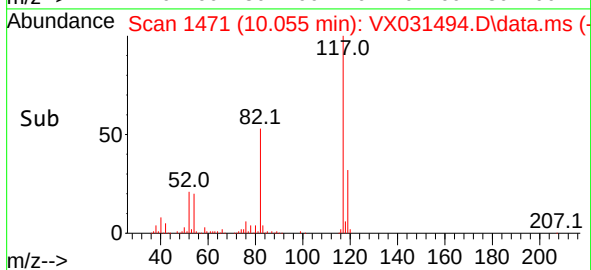
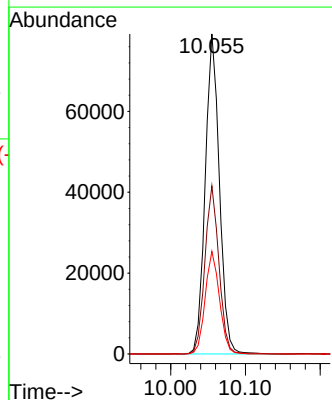
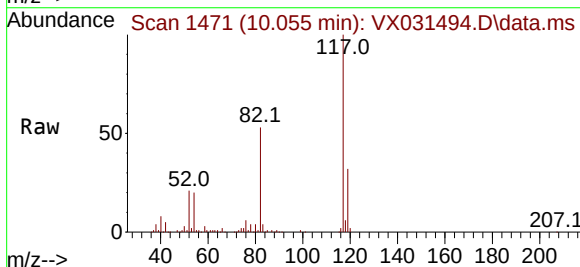
Tgt Ion: 117 Resp: 104209

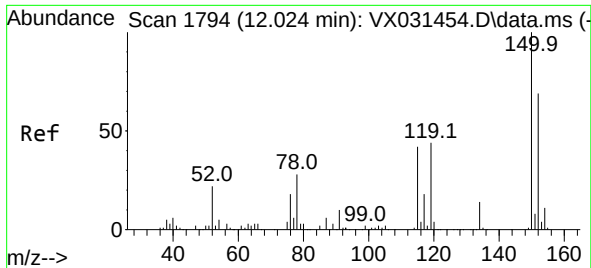
Ion Ratio Lower Upper

117 100

82 52.6 46.8 70.2

119 32.1 26.4 39.6

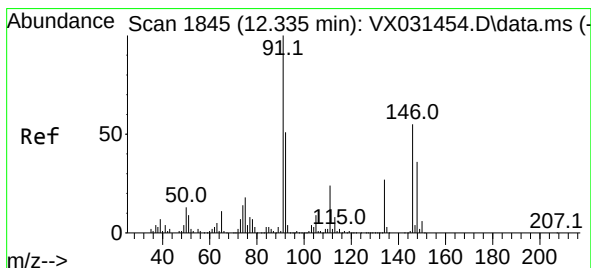
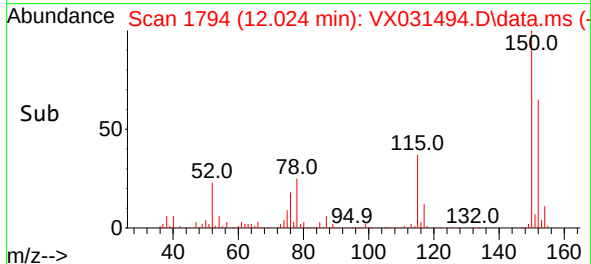
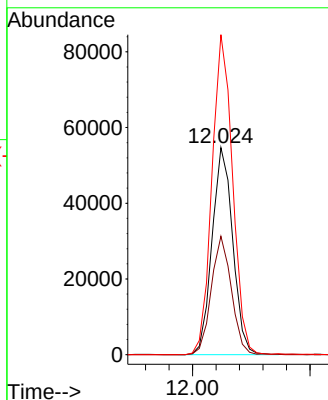
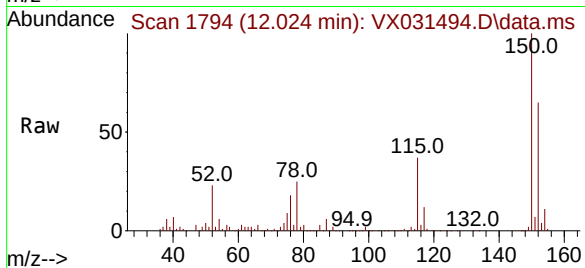




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX031494.D  
 Acq: 20 Sep 2022 14:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B22002-5.5

Tgt Ion:152 Resp: 66985  
 Ion Ratio Lower Upper  
 152 100  
 115 55.6 43.4 130.1  
 150 154.0 0.0 346.8



#89  
 n-Butylbenzene  
 Concen: 0.394 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX031494.D  
 Acq: 20 Sep 2022 14:37

Tgt Ion: 91 Resp: 1474  
 Ion Ratio Lower Upper  
 91 100  
 92 29.4 27.0 81.0  
 134 0.0 13.3 39.9#

