

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037212.D
 Acq On : 24 Aug 2023 13:29
 Operator : JC/MD
 Sample : 04051-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230816

Quant Time: Aug 24 23:38:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

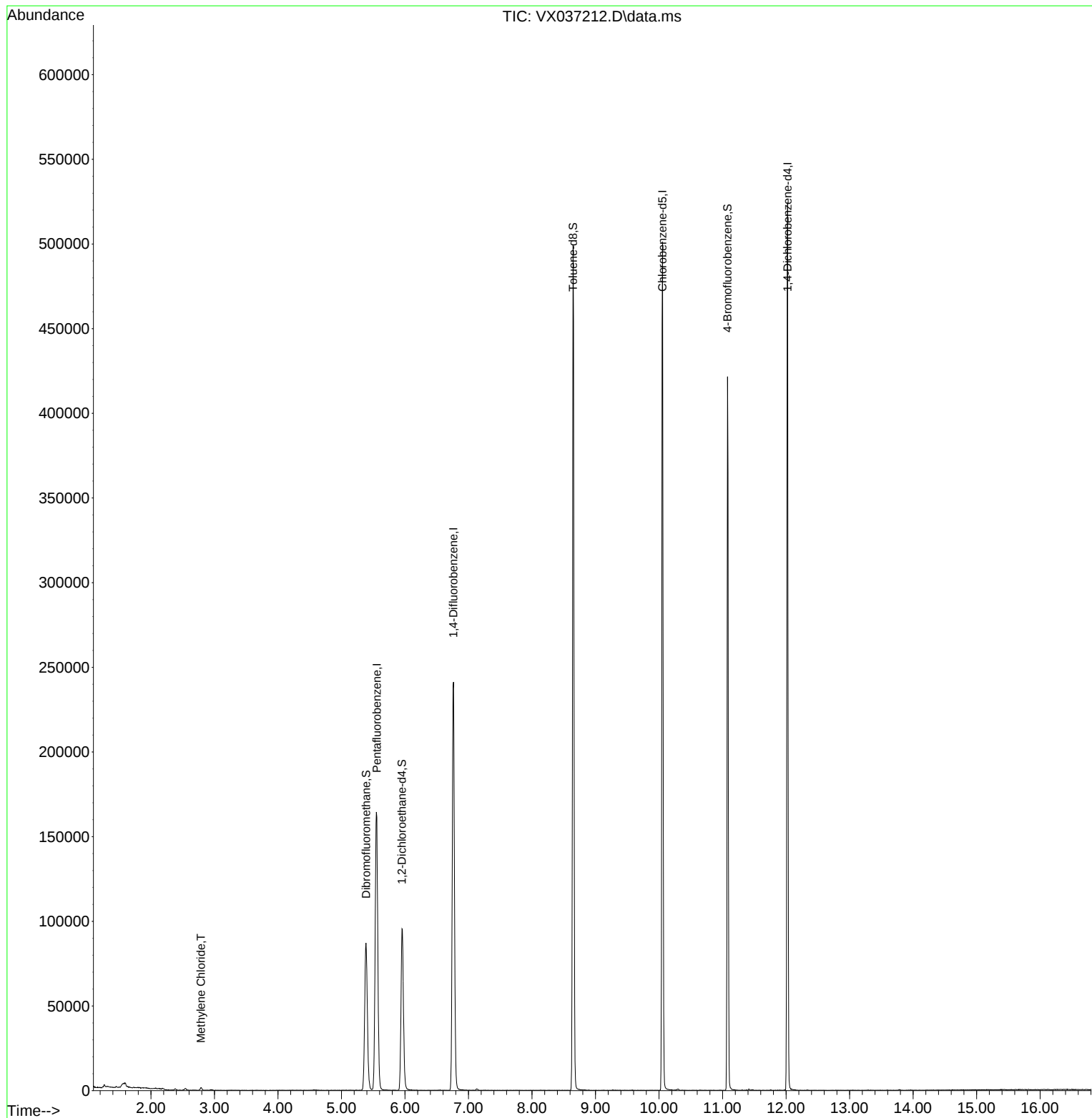
Internal Standards						
1) Pentafluorobenzene	5.556	168	153968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96718	43.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.140%		
35) Dibromofluoromethane	5.385	113	78393	46.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	296297	48.430	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.860%		
62) 4-Bromofluorobenzene	11.079	95	114620	47.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.340%		
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	907	0.467	ug/l #	63

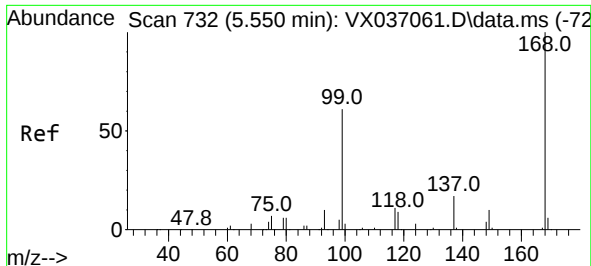
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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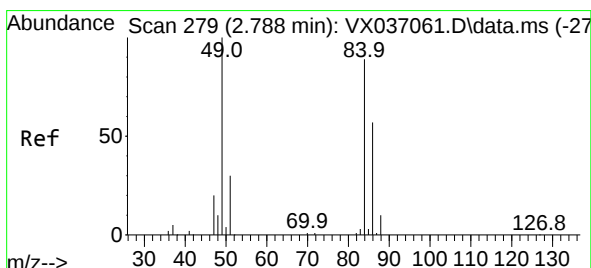
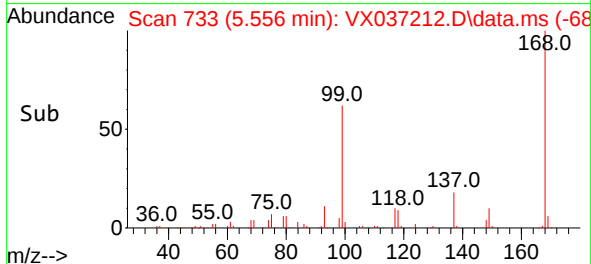
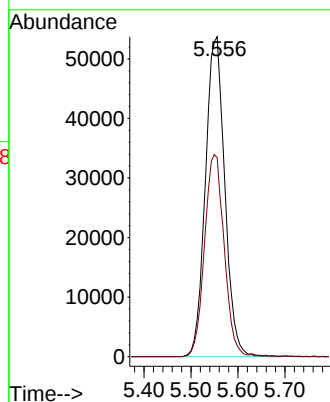
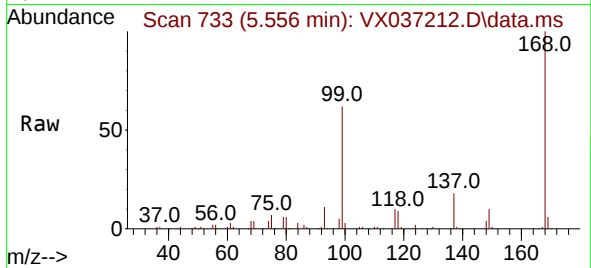




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

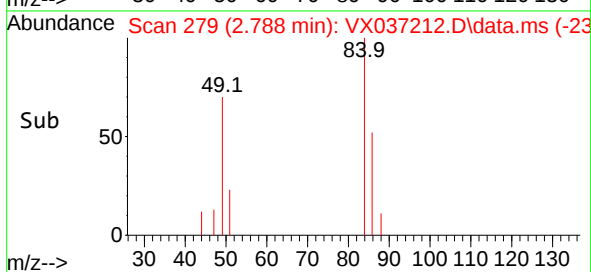
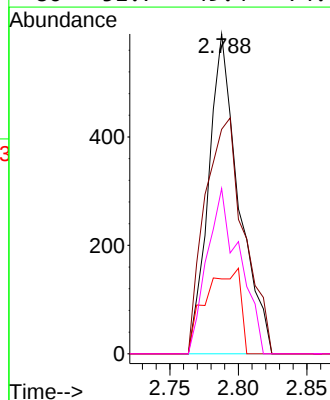
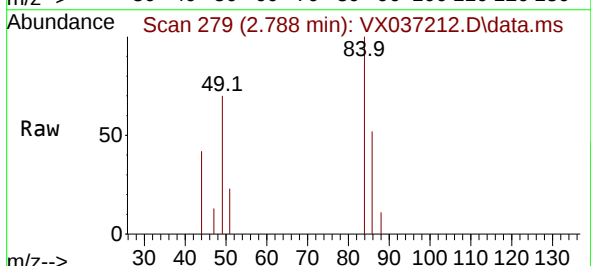
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

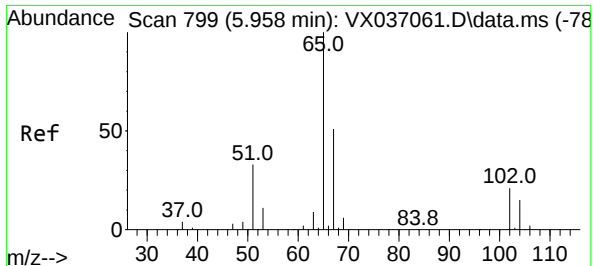
Tgt Ion:168 Resp: 153968
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 84 Resp: 907
Ion Ratio Lower Upper
84 100
49 70.2 103.6 155.4#
51 23.4 33.8 50.6#
86 51.7 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 43.572 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037212.D

Acq: 24 Aug 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

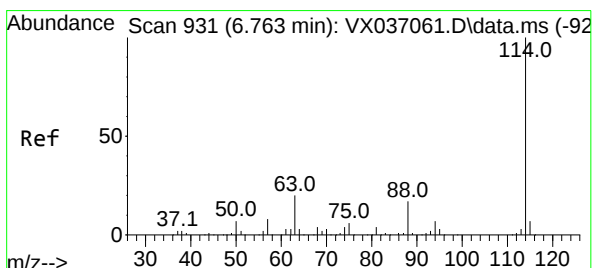
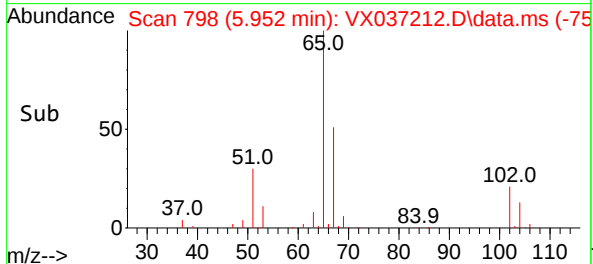
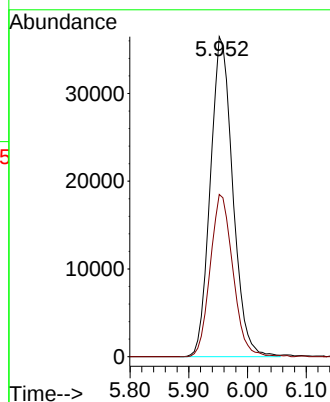
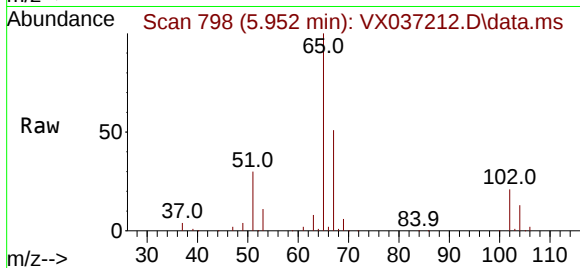
TB02-20230816

Tgt Ion: 65 Resp: 96718

Ion Ratio Lower Upper

65 100

67 51.3 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: VX037212.D

Acq: 24 Aug 2023 13:29

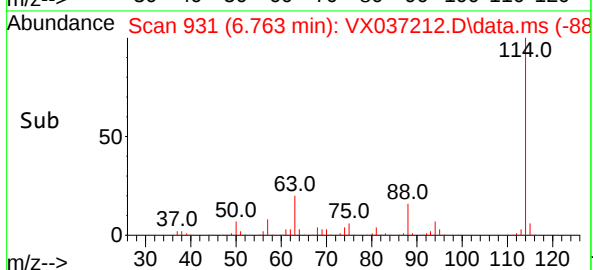
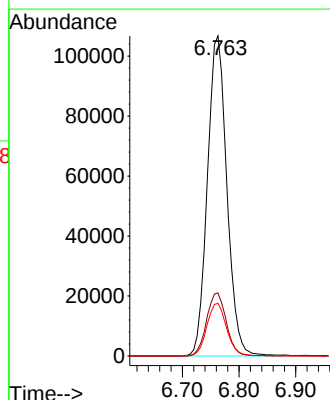
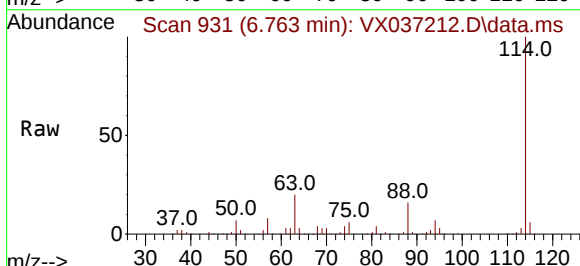
Tgt Ion: 114 Resp: 254674

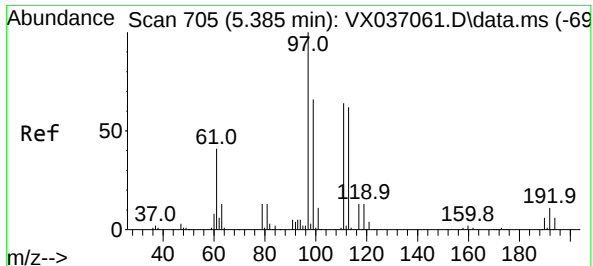
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

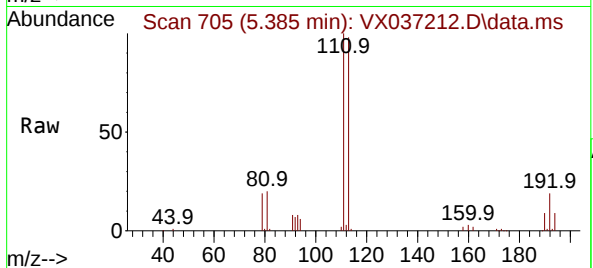
88 16.5 0.0 36.6



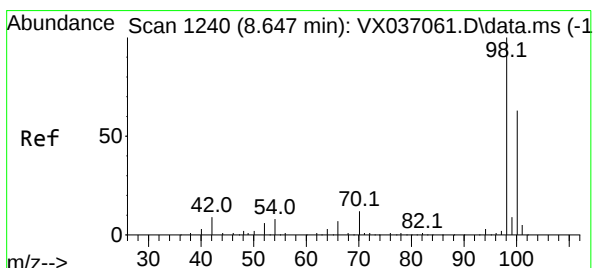
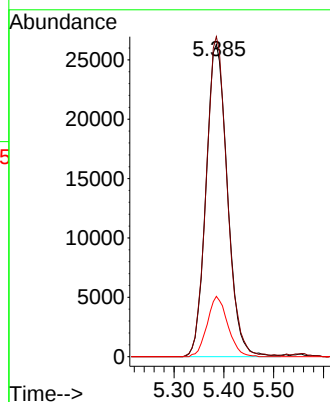
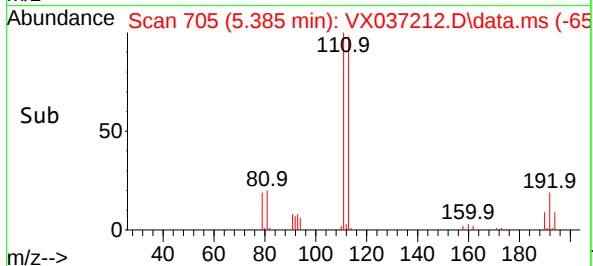


#35
Dibromofluoromethane
Concen: 46.479 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Instrument :
MSVOA_X
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TB02-20230816

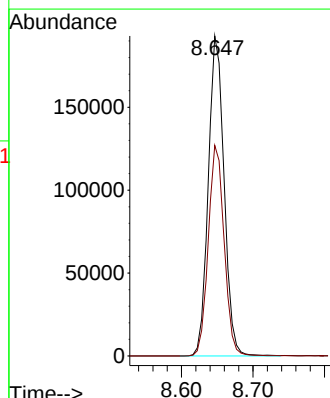
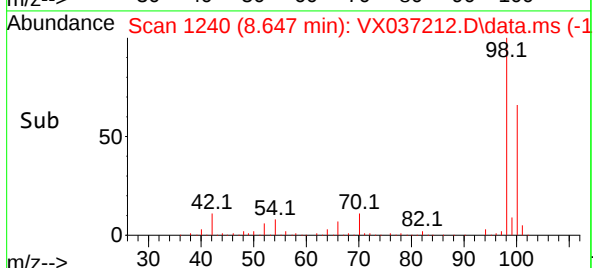
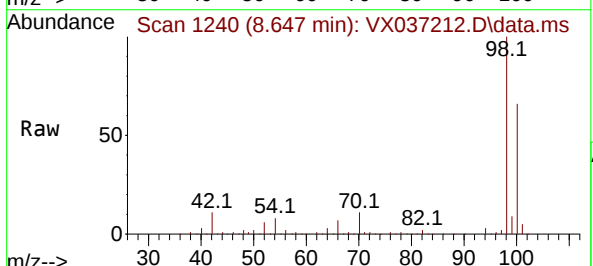


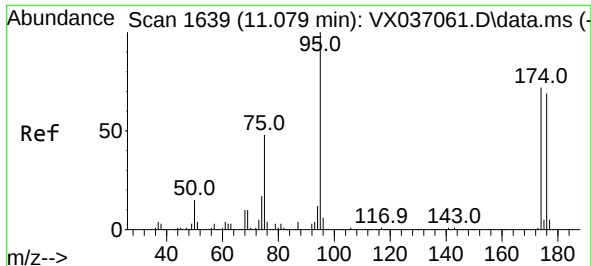
Tgt Ion:113 Resp: 78393
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 48.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 98 Resp: 296297
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

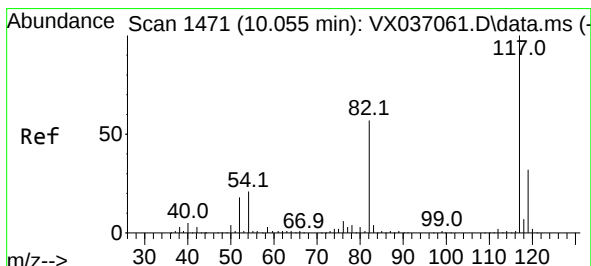
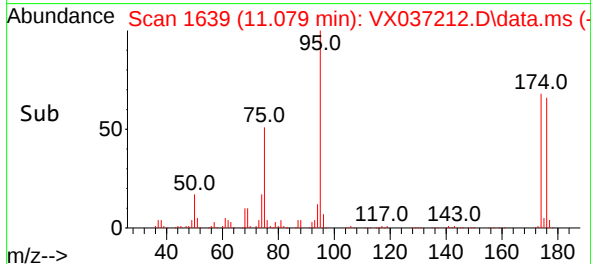
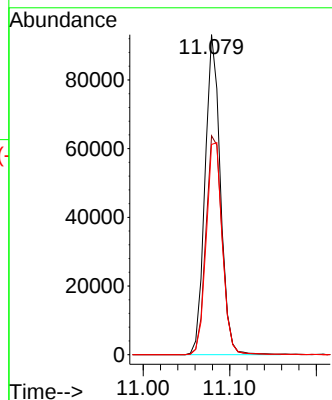
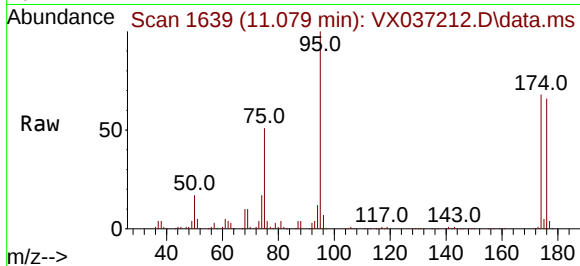




#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

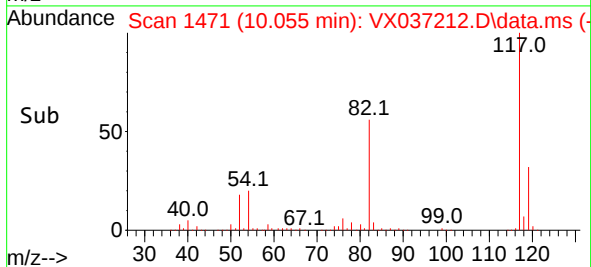
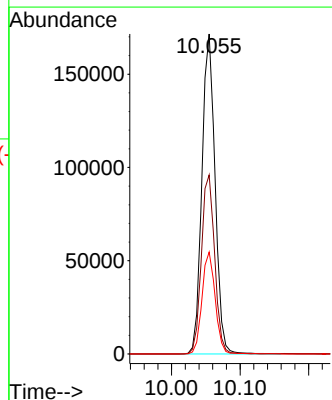
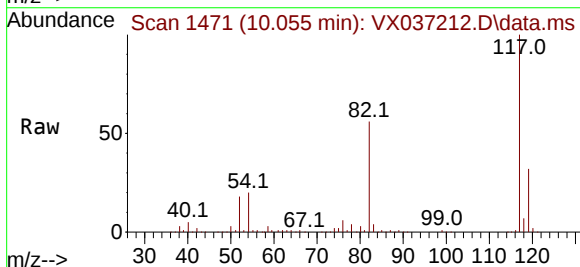
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

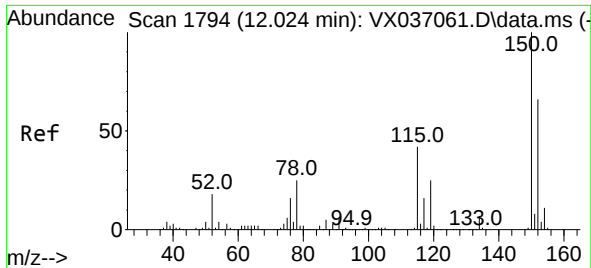
Tgt Ion: 95 Resp: 114620
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

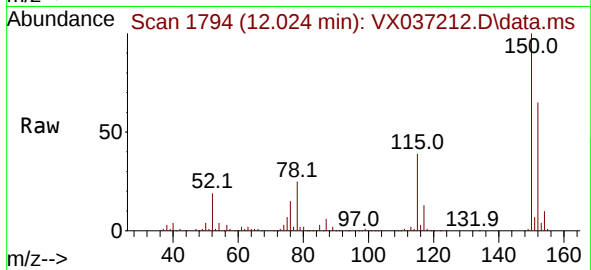
Tgt Ion: 117 Resp: 229901
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037212.D
 Acq: 24 Aug 2023 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230816



Tgt Ion:152 Resp: 106702
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 157.1 0.0 345.0

