

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037701.D
 Acq On : 13 Sep 2023 17:44
 Operator : JC/MD
 Sample : 04351-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Sep 14 02:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

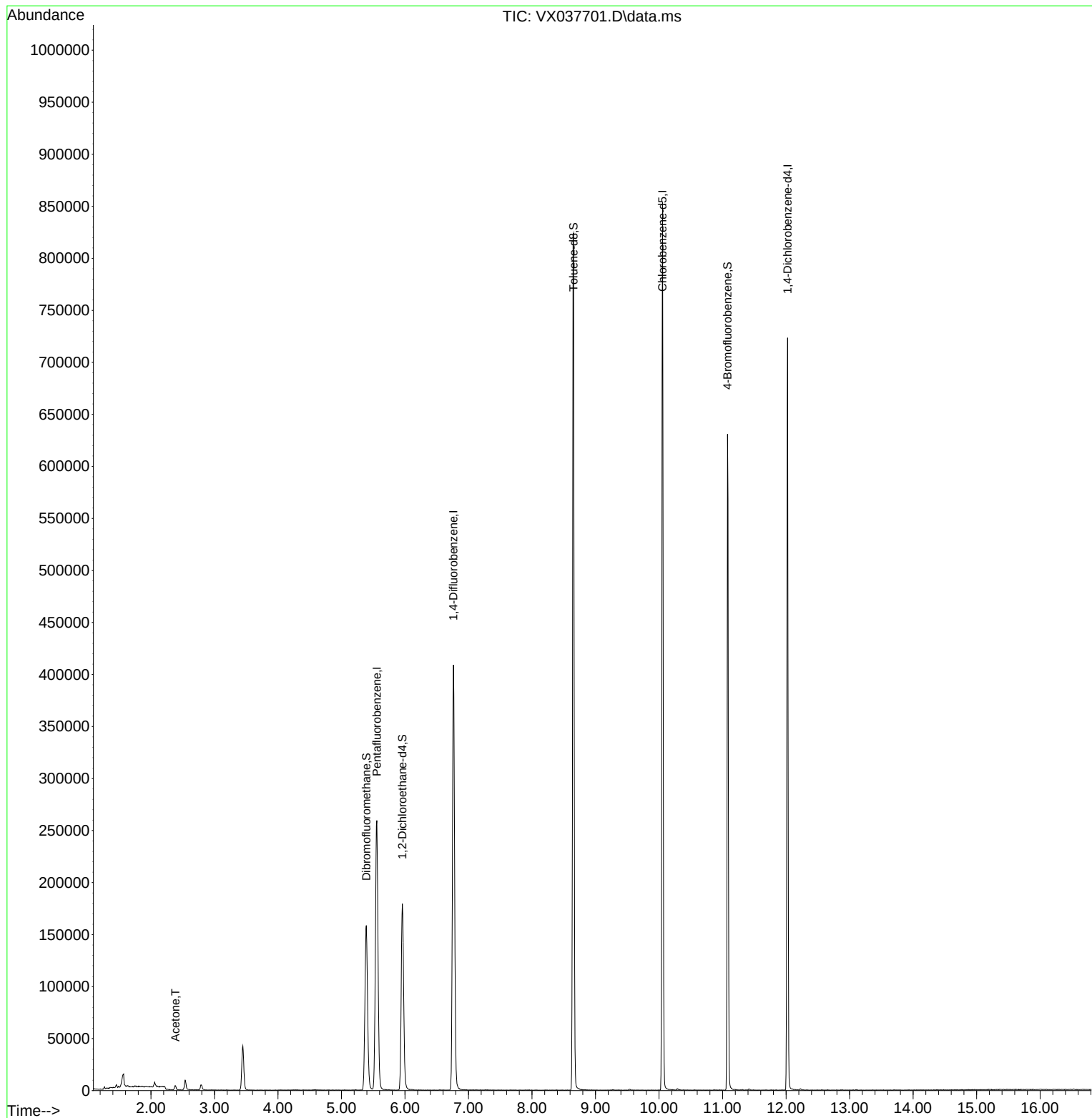
Internal Standards						
1) Pentafluorobenzene	5.556	168	241815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172048	43.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.960%
35) Dibromofluoromethane	5.391	113	137442	46.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.653	98	506957	45.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	162185	40.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.700%#
Target Compounds						
16) Acetone	2.386	43	4738	2.995	ug/l	Qvalue 91

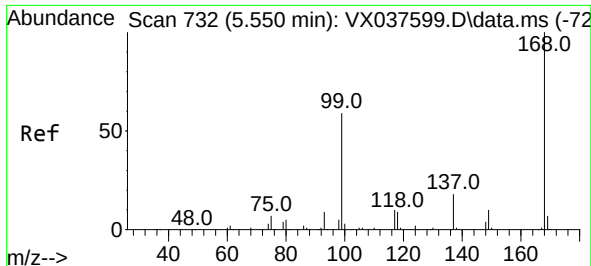
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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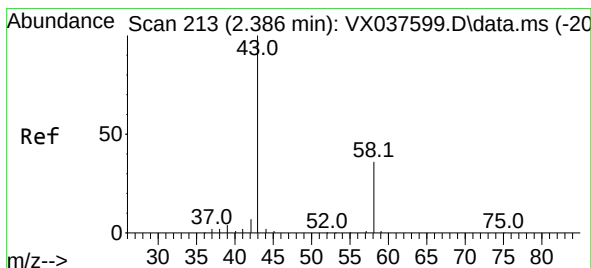
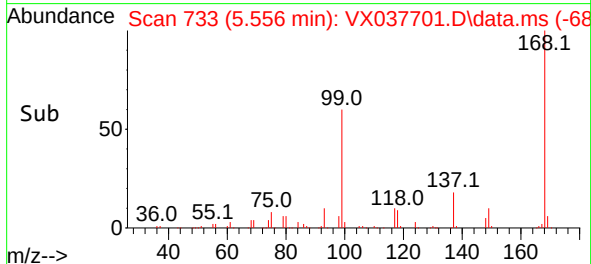
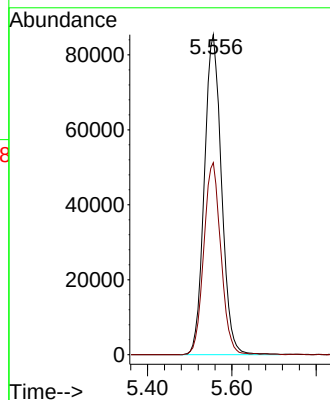
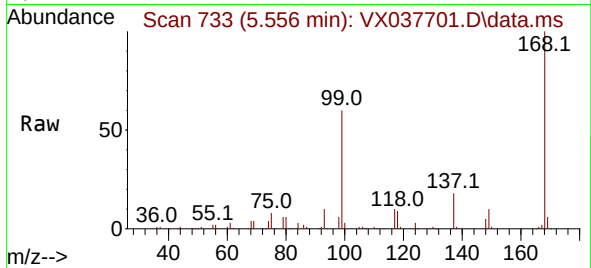




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

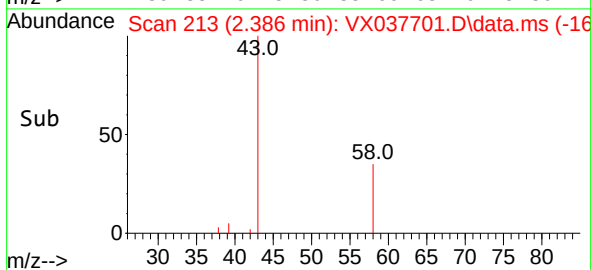
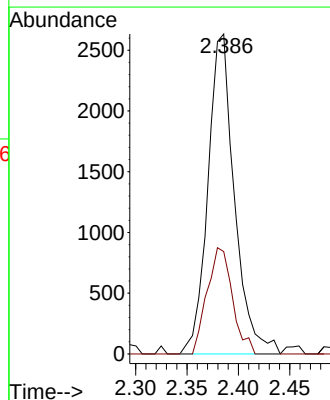
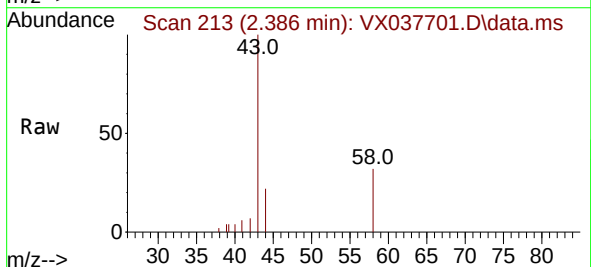
Instrument :
MSVOA_X
ClientSampleId :
TB

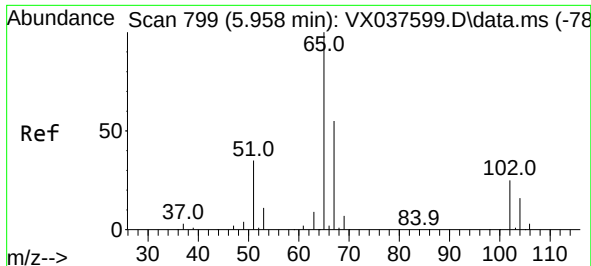
Tgt Ion:168 Resp: 241815
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#16
Acetone
Concen: 2.995 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion: 43 Resp: 4738
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 43.975 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037701.D

Acq: 13 Sep 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

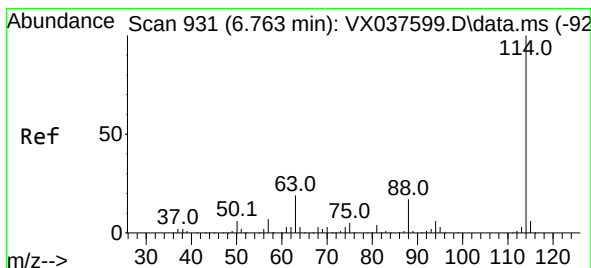
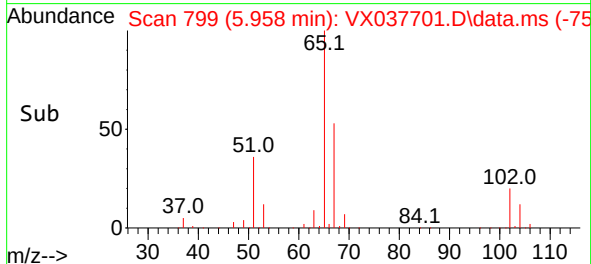
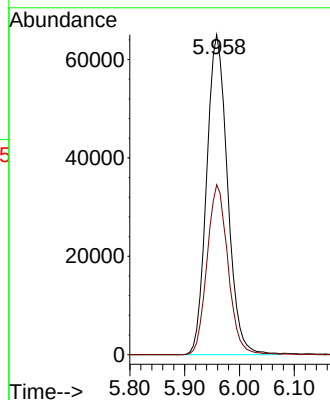
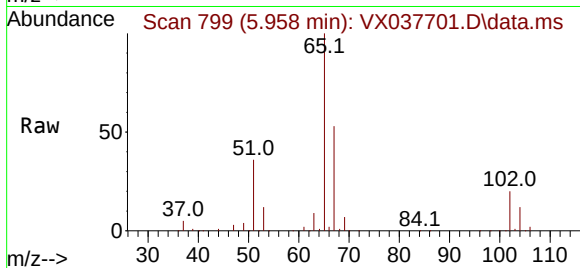
TB

Tgt Ion: 65 Resp: 172048

Ion Ratio Lower Upper

65 100

67 53.1 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: VX037701.D

Acq: 13 Sep 2023 17:44

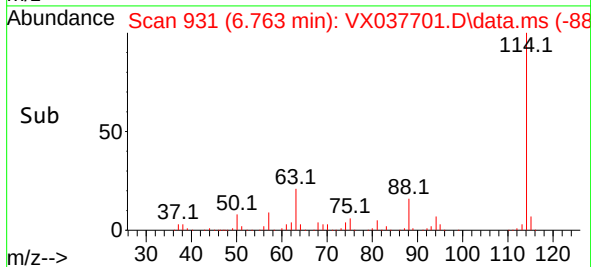
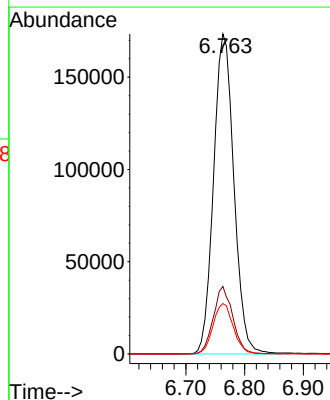
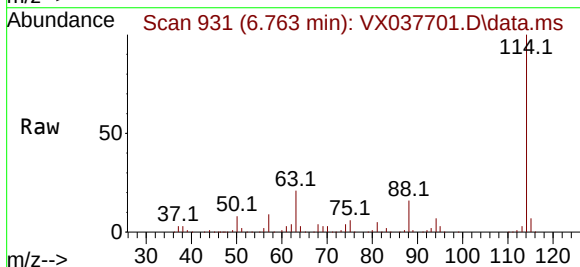
Tgt Ion: 114 Resp: 416752

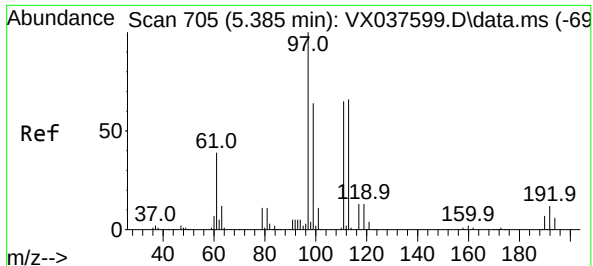
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.528 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037701.D

Acq: 13 Sep 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

TB

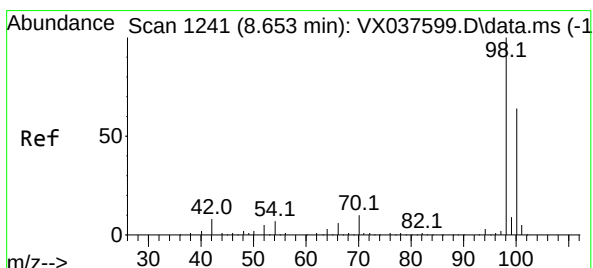
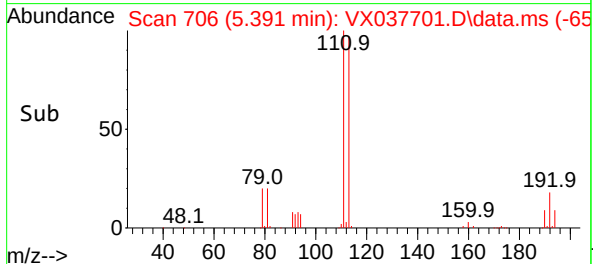
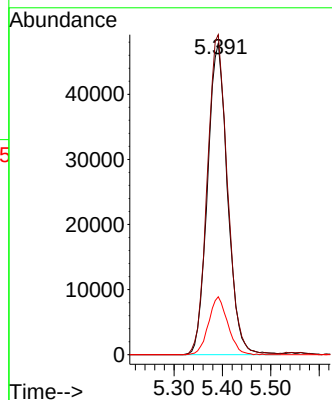
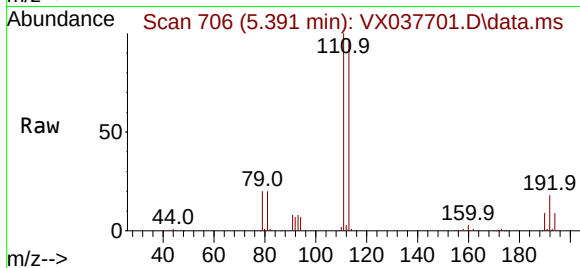
Tgt Ion:113 Resp: 137442

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 17.9 13.3 19.9



#50

Toluene-d8

Concen: 45.505 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX037701.D

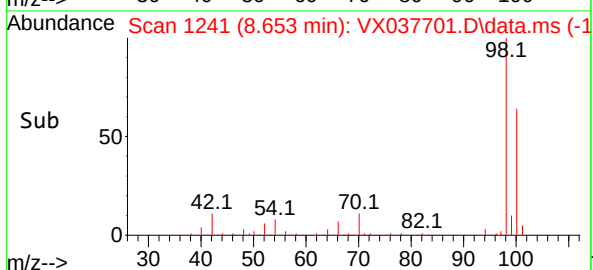
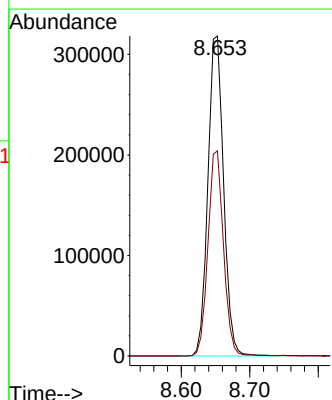
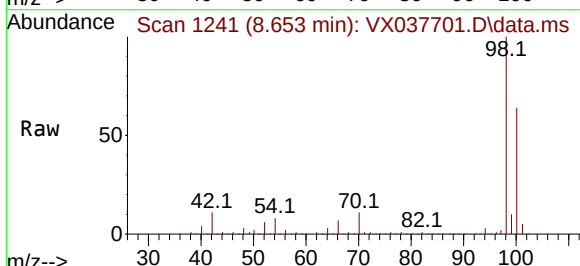
Acq: 13 Sep 2023 17:44

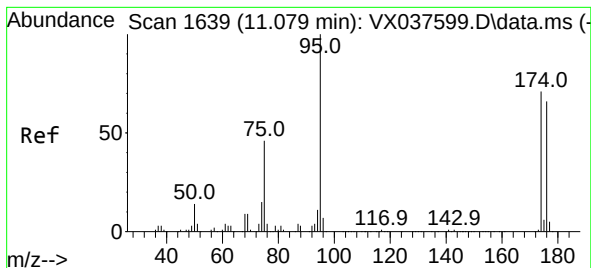
Tgt Ion: 98 Resp: 506957

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7

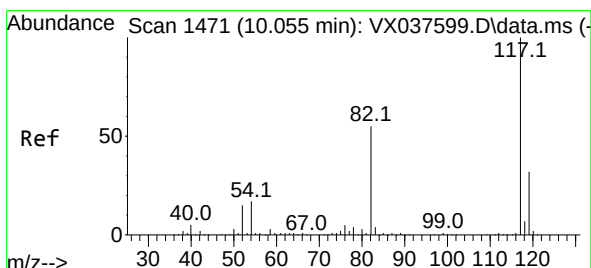
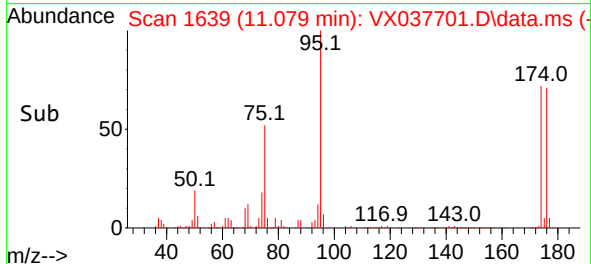
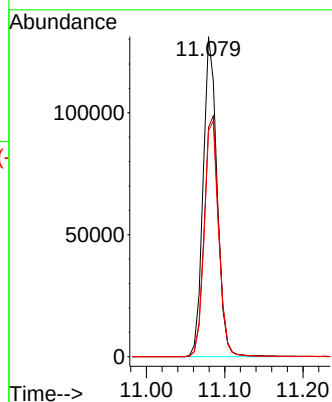
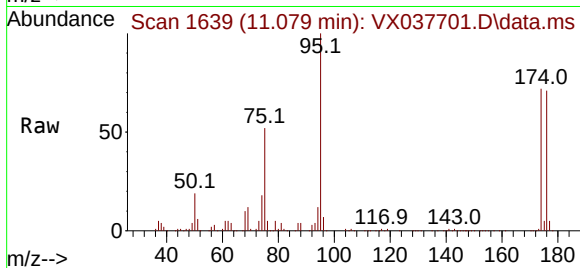




#62
4-Bromofluorobenzene
Concen: 40.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

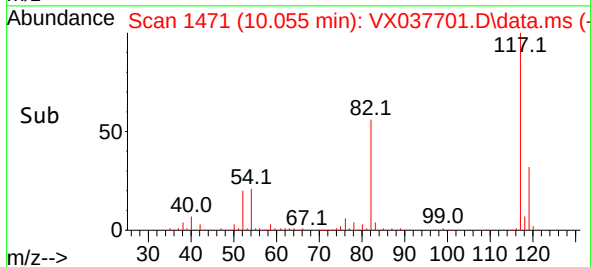
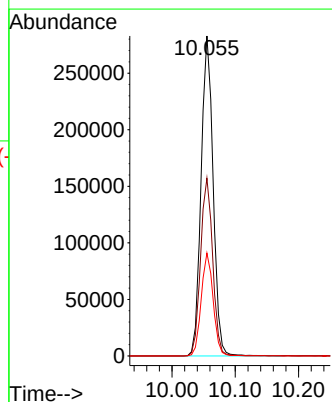
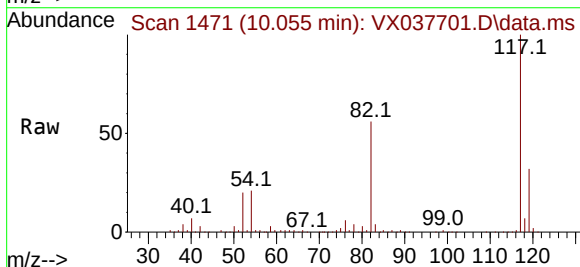
Instrument :
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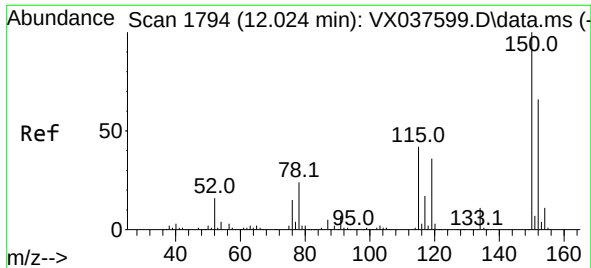
Tgt Ion: 95 Resp: 162185
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 75.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion: 117 Resp: 375129
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 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: VX037701.D

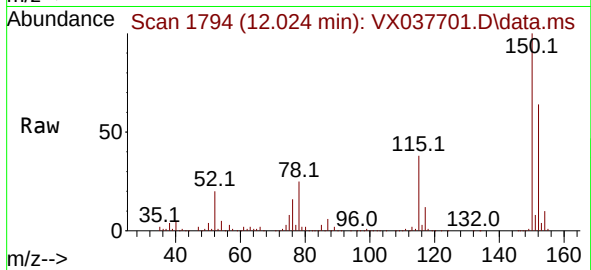
Acq: 13 Sep 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 147505

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 154.4 0.0 345.0

