

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040356.D
 Acq On : 20 Feb 2024 15:01
 Operator : JC/MD
 Sample : P1521-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240215

Quant Time: Feb 21 01:14:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

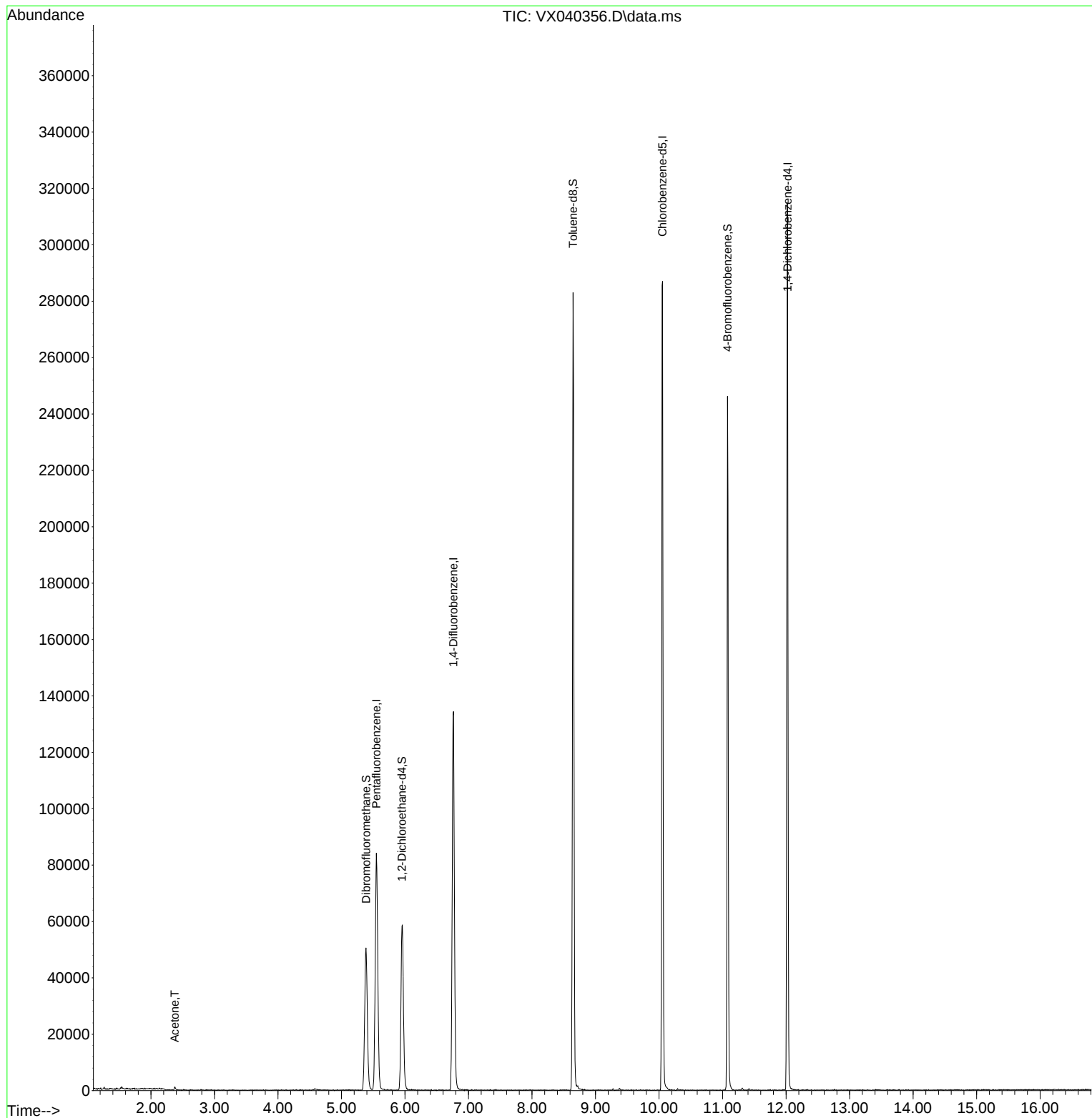
Internal Standards						
1) Pentafluorobenzene	5.550	168	74055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58049	52.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.380%
35) Dibromofluoromethane	5.385	113	43391	46.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.647	98	162232	46.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.660%
62) 4-Bromofluorobenzene	11.079	95	61795	43.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.460%
Target Compounds						
16) Acetone	2.373	43	1074	2.374	ug/l	Qvalue 90

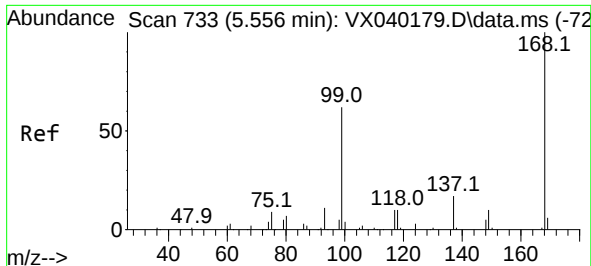
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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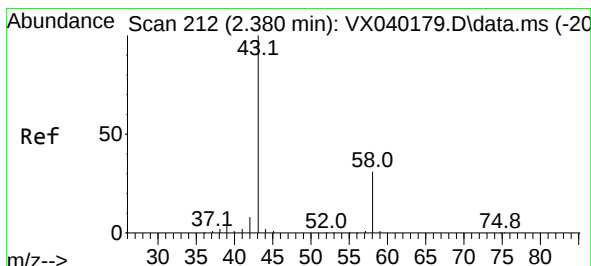
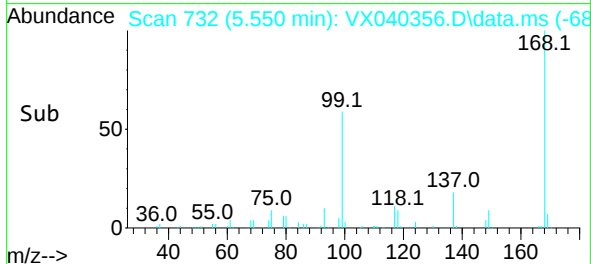
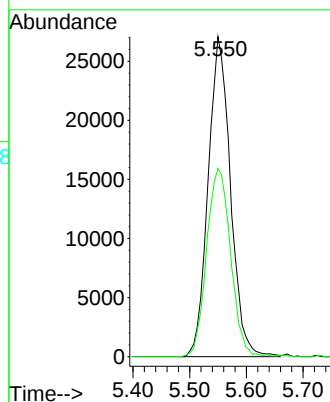
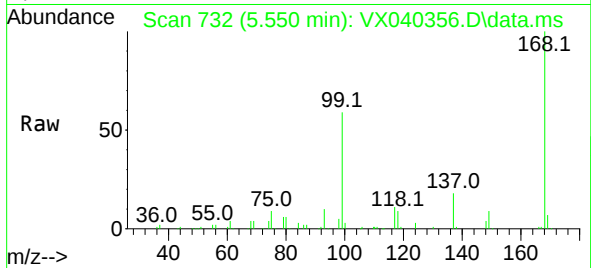




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

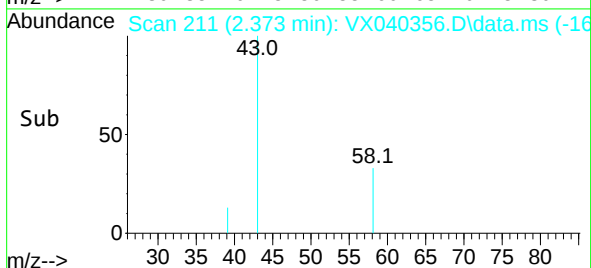
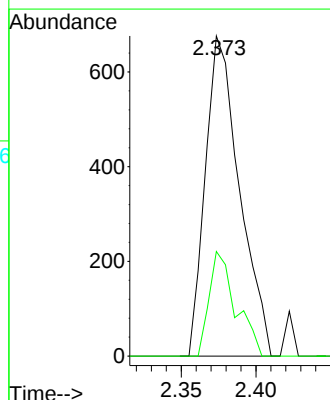
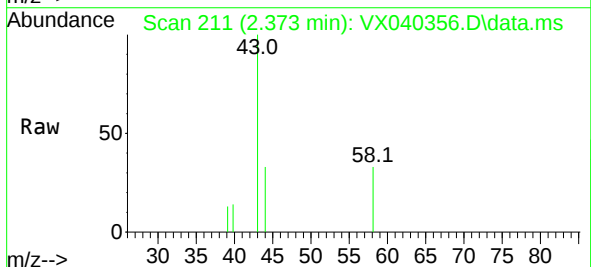
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

Tgt Ion:168 Resp: 74055
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#16
Acetone
Concen: 2.374 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040356.D

Acq: 20 Feb 2024 15:01

Instrument :

MSVOA_X

ClientSampleId :

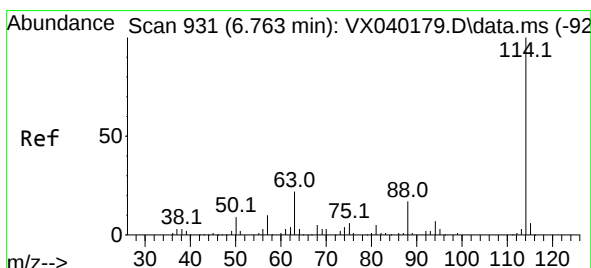
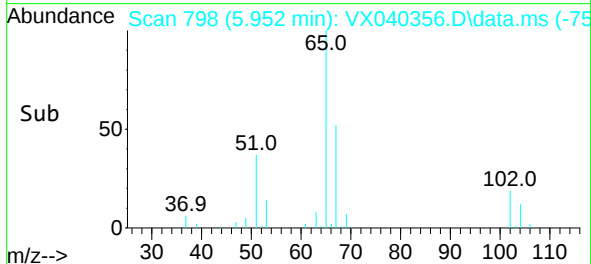
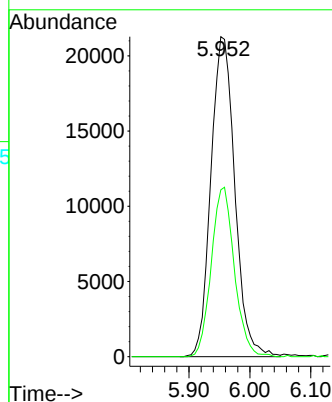
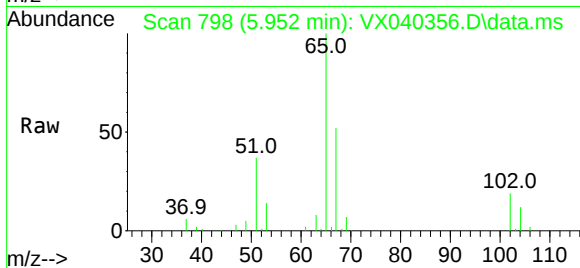
TB-20240215

Tgt Ion: 65 Resp: 58049

Ion Ratio Lower Upper

65 100

67 51.1 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: VX040356.D

Acq: 20 Feb 2024 15:01

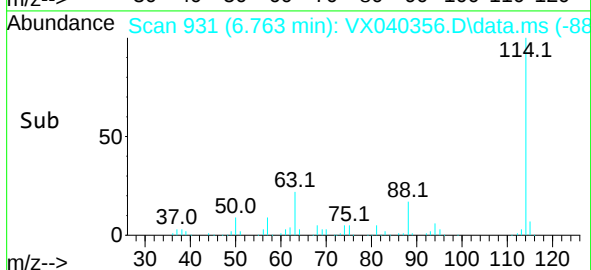
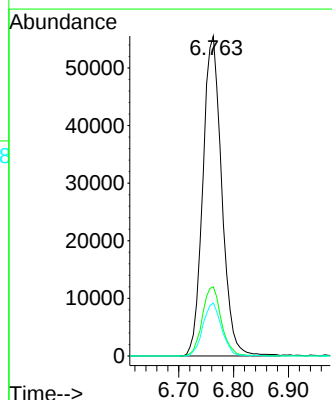
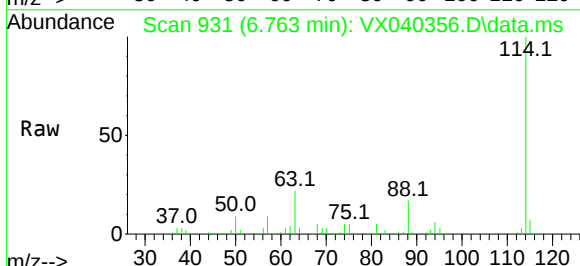
Tgt Ion: 114 Resp: 132626

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

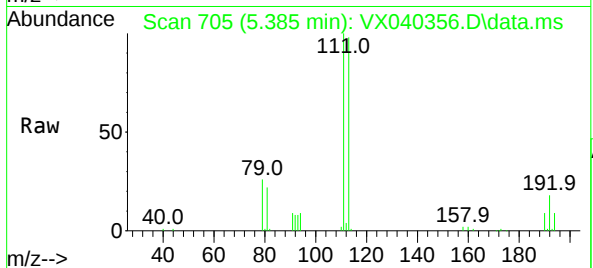
88 16.6 0.0 36.6



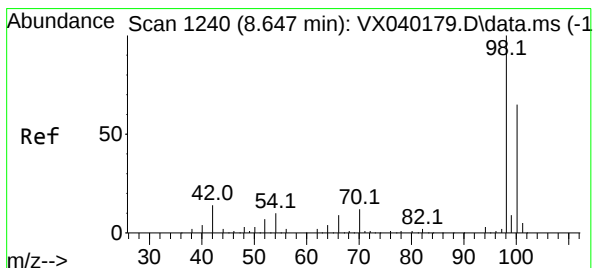
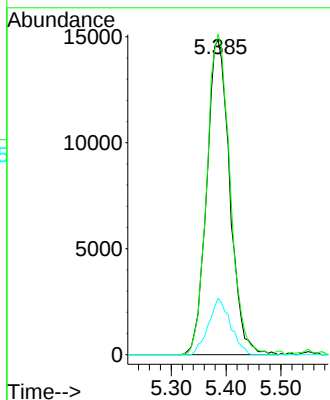
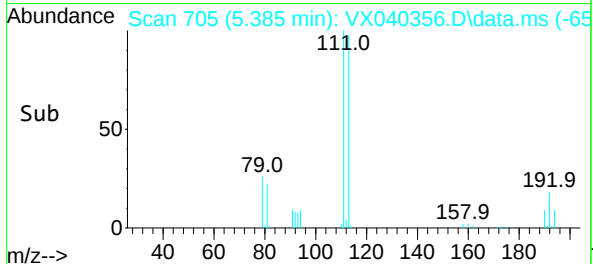


#35
Dibromofluoromethane
Concen: 46.849 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

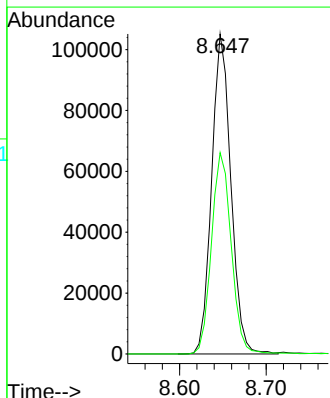
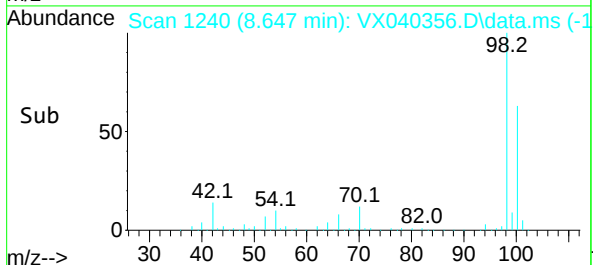
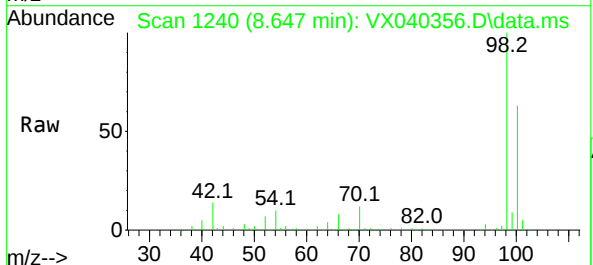


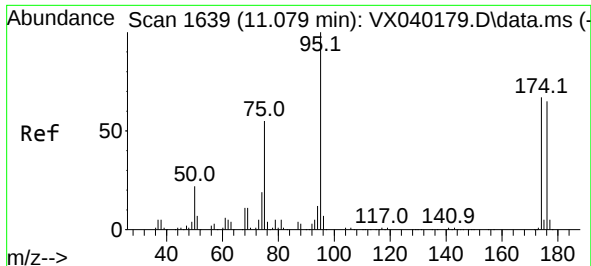
Tgt Ion:113 Resp: 43391
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.0 13.3 19.9



#50
Toluene-d8
Concen: 46.826 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 98 Resp: 162232
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

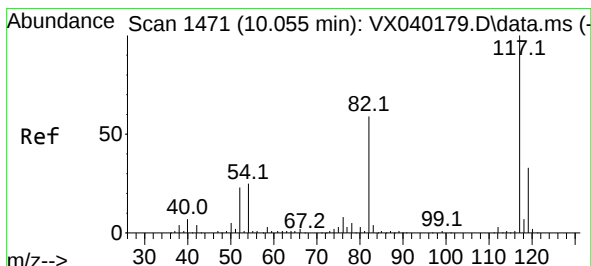
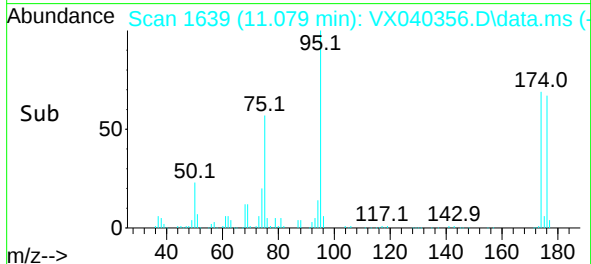
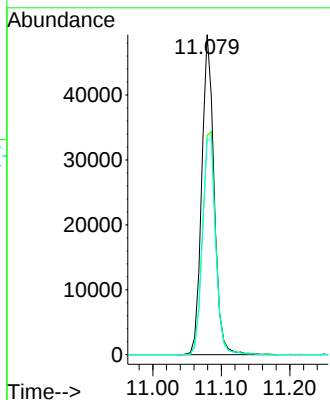
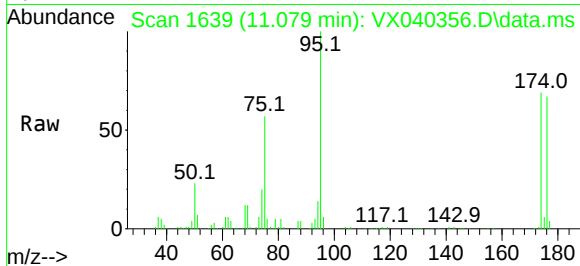




#62
4-Bromofluorobenzene
Concen: 43.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

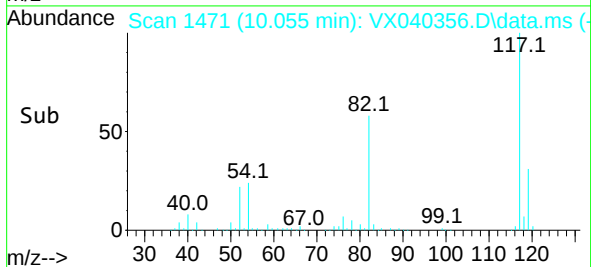
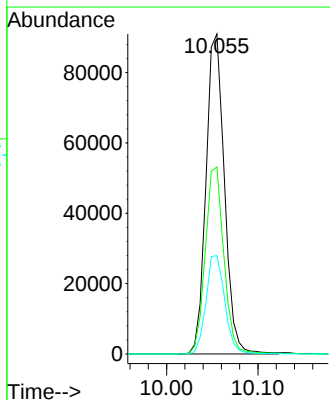
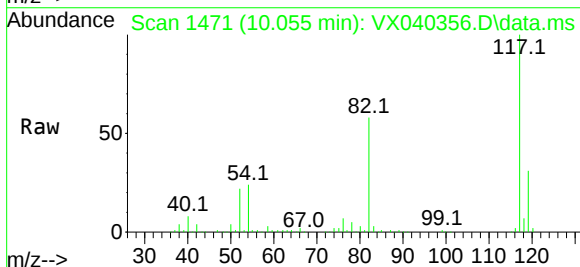
Instrument :
MSVOA_X
ClientSampleId :
TB-20240215

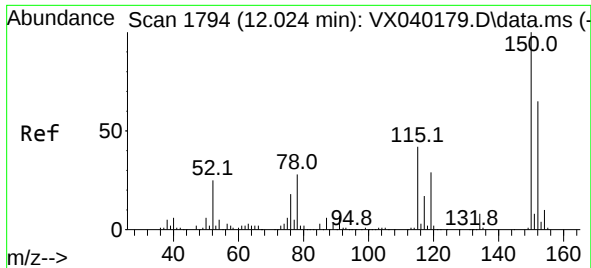
Tgt Ion: 95 Resp: 61795
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 72.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040356.D
Acq: 20 Feb 2024 15:01

Tgt Ion: 117 Resp: 127231
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 30.7 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: VX040356.D

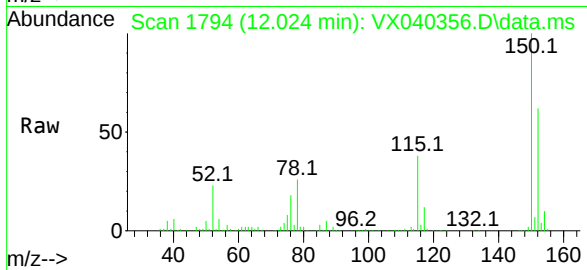
Acq: 20 Feb 2024 15:01

Instrument :

MSVOA_X

ClientSampleId :

TB-20240215



Tgt Ion:152 Resp: 63779

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 157.3 0.0 345.0

