

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038357.D
 Acq On : 18 Oct 2023 13:06
 Operator : JC/MD
 Sample : 04940-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 19 01:39:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

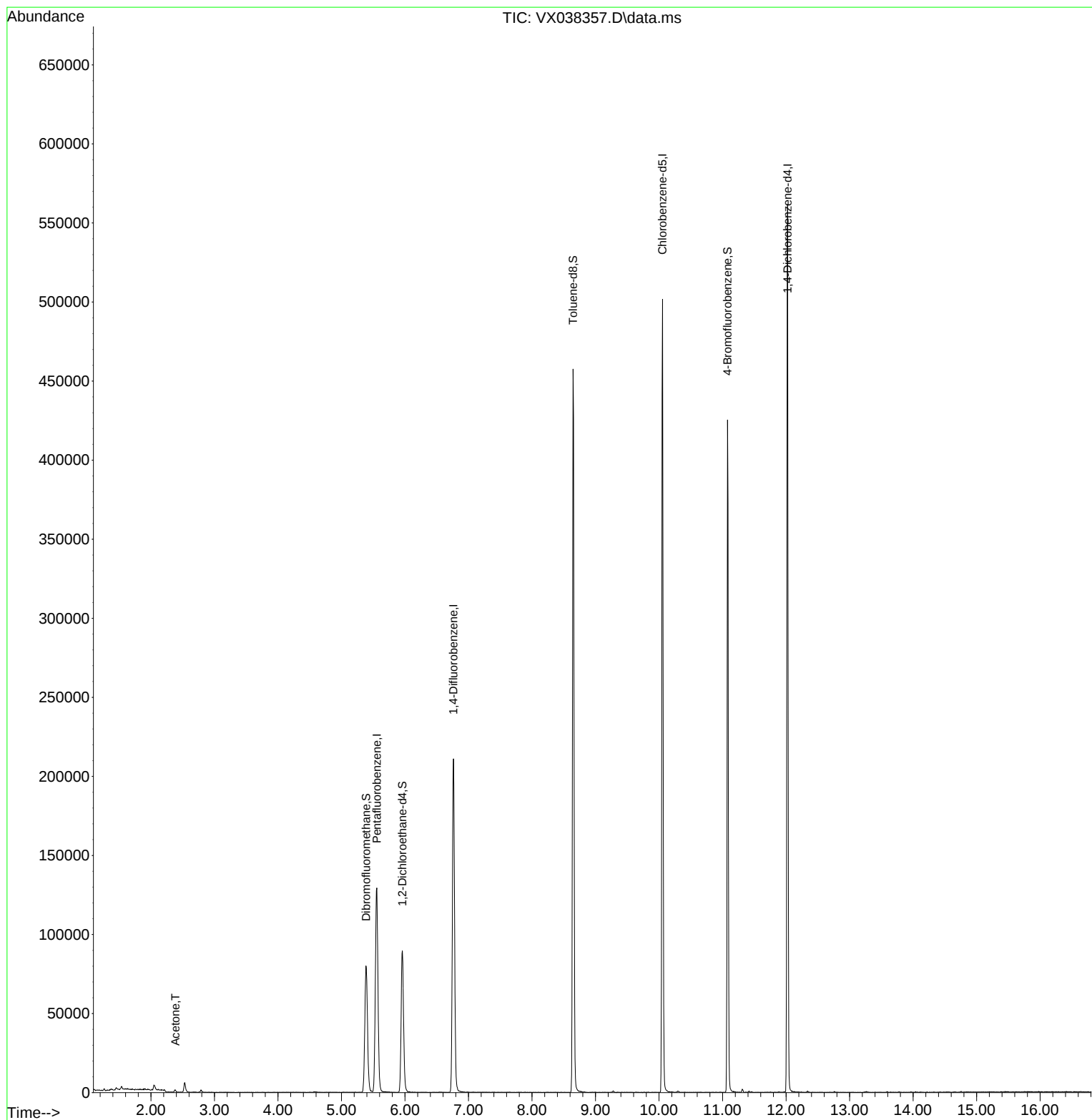
Internal Standards						
1) Pentafluorobenzene	5.556	168	122210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86381	43.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.385	113	68834	43.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.740%
50) Toluene-d8	8.647	98	277118	46.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	104829	46.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%
Target Compounds						
16) Acetone	2.386	43	1665	2.030	ug/l	# 87

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

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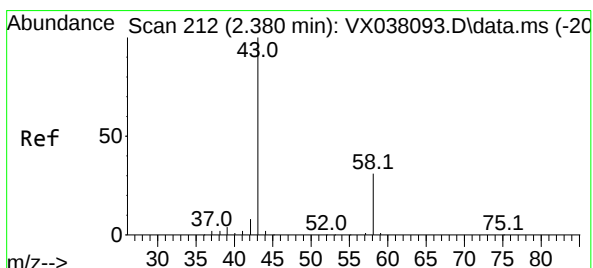
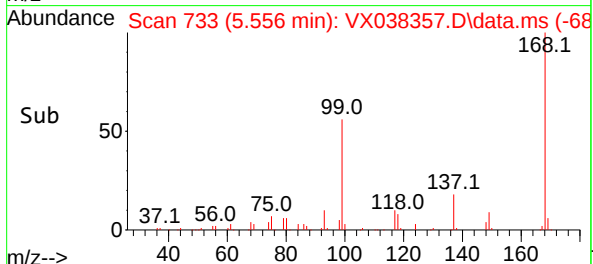
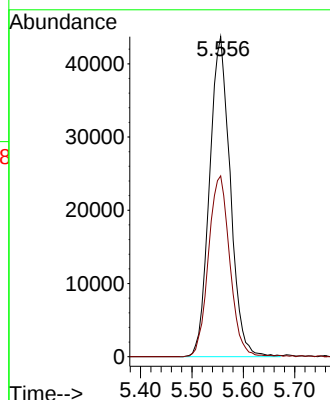
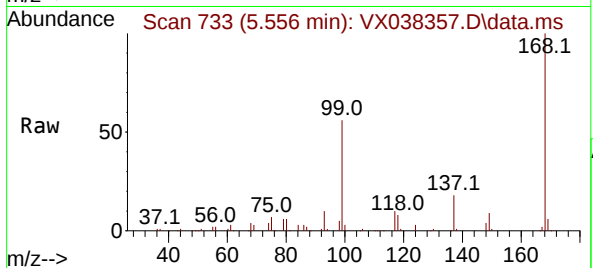




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

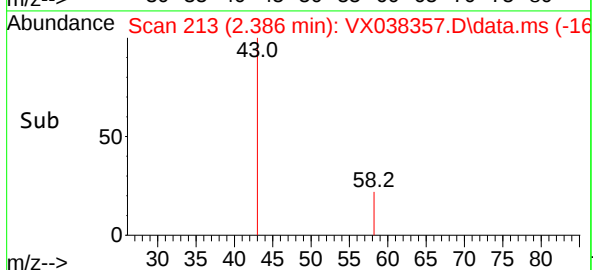
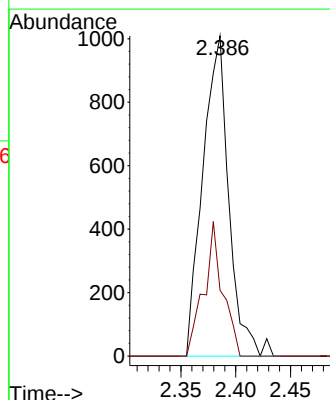
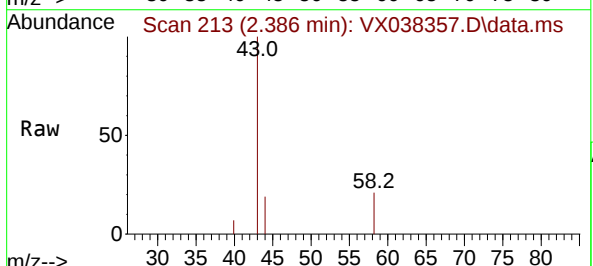
Instrument :
MSVOA_X
ClientSampleId :
TB

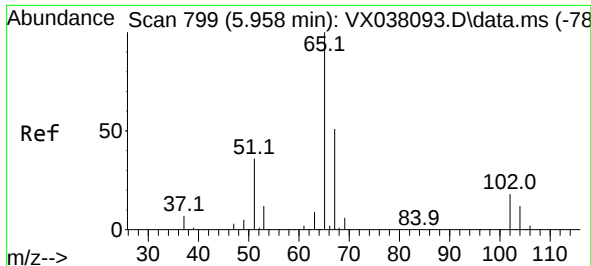
Tgt Ion:168 Resp: 122210
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#16
Acetone
Concen: 2.030 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
58 20.5 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 43.945 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

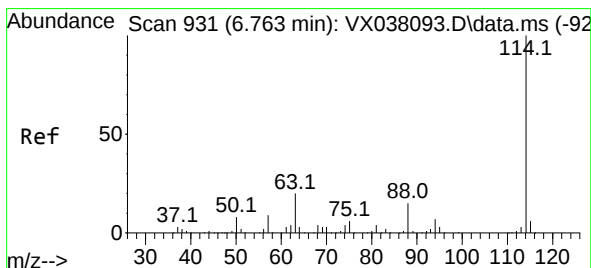
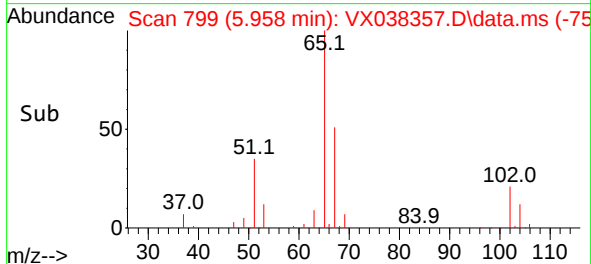
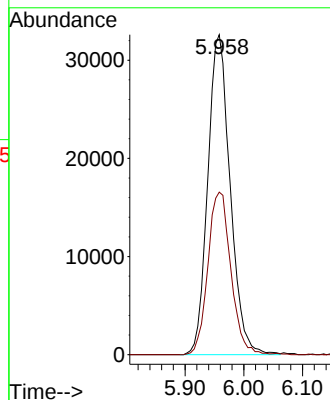
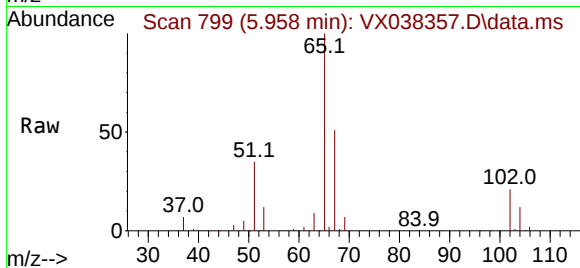
TB

Tgt Ion: 65 Resp: 86381

Ion Ratio Lower Upper

65 100

67 52.0 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: VX038357.D

Acq: 18 Oct 2023 13:06

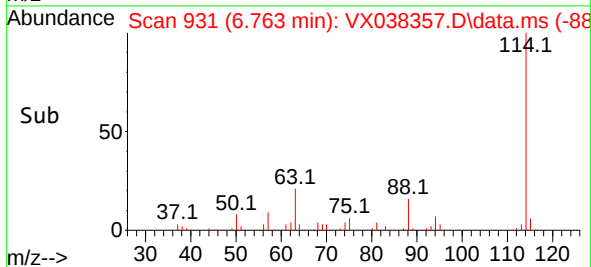
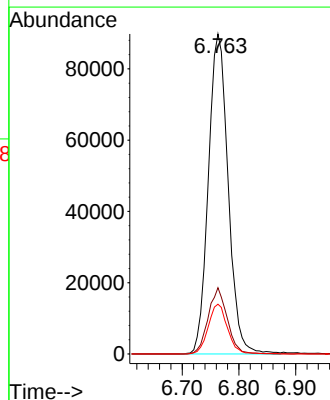
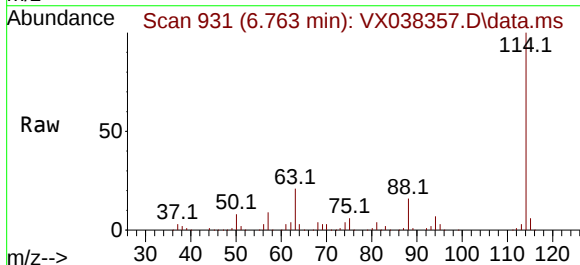
Tgt Ion: 114 Resp: 217753

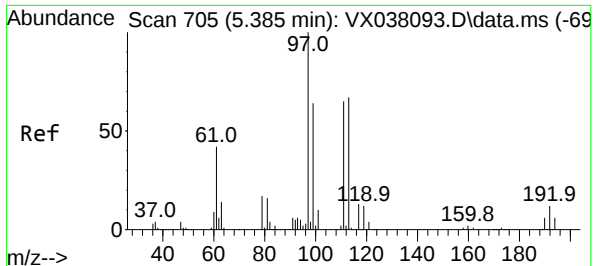
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.6 0.0 36.6

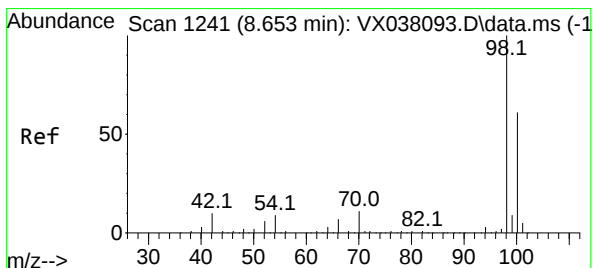
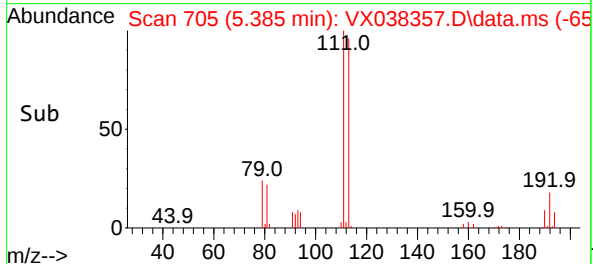
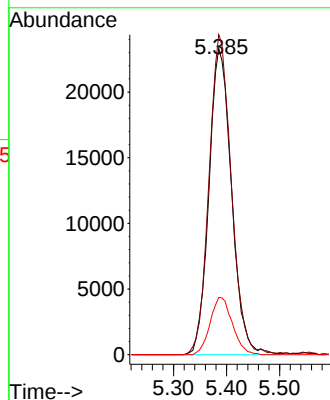
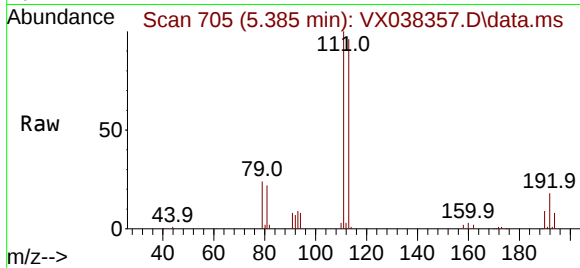




#35
Dibromofluoromethane
Concen: 43.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

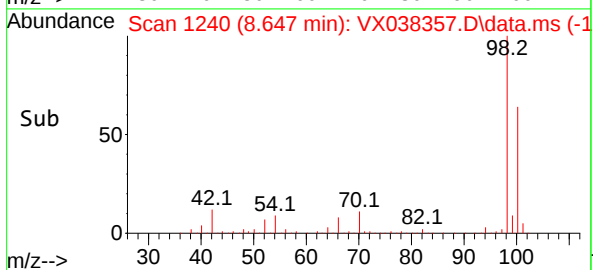
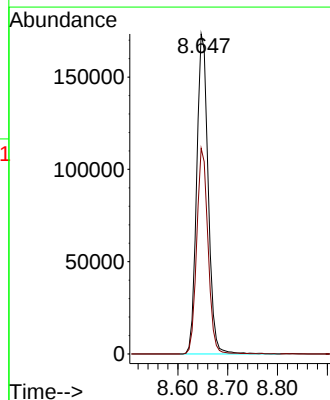
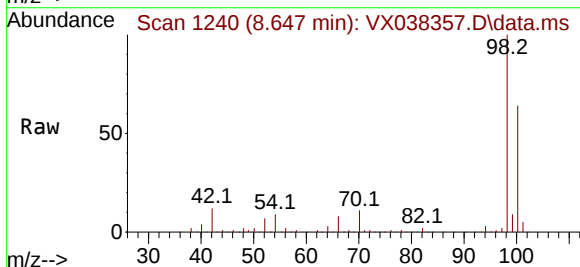
Instrument :
MSVOA_X
ClientSampleId :
TB

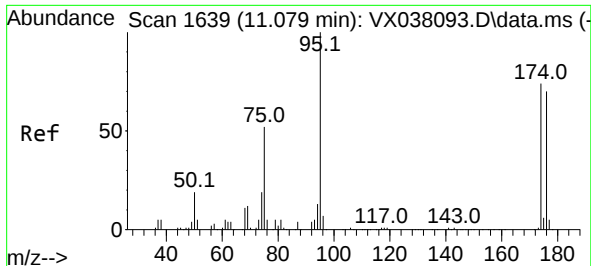
Tgt Ion:113 Resp: 68834
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 46.219 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 98 Resp: 277118
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.118 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

TB

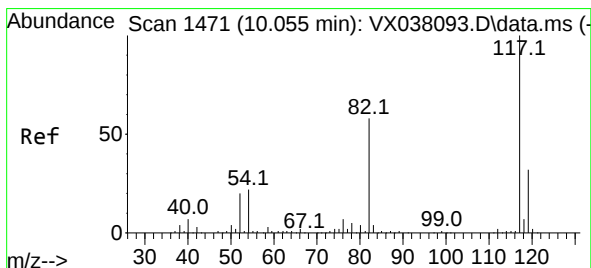
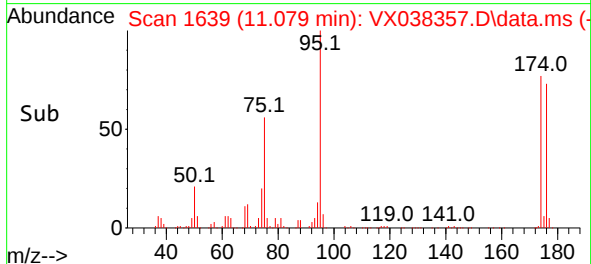
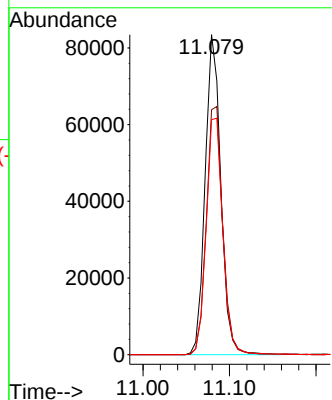
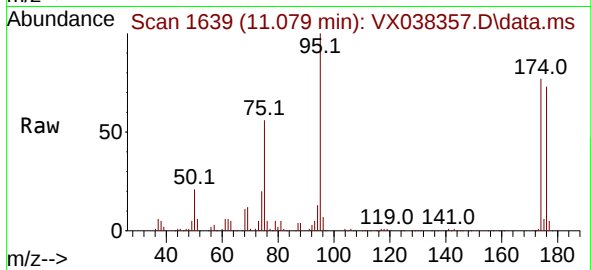
Tgt Ion: 95 Resp: 104829

Ion Ratio Lower Upper

95 100

174 81.8 0.0 135.6

176 78.5 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: VX038357.D

Acq: 18 Oct 2023 13:06

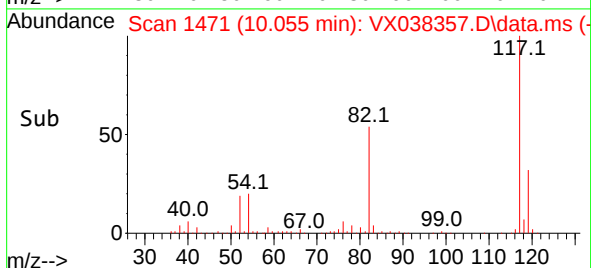
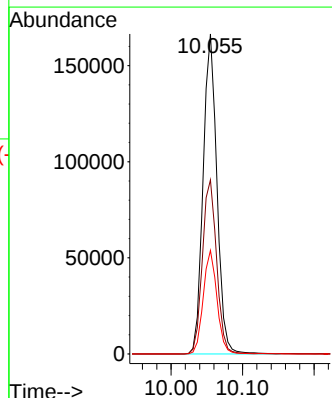
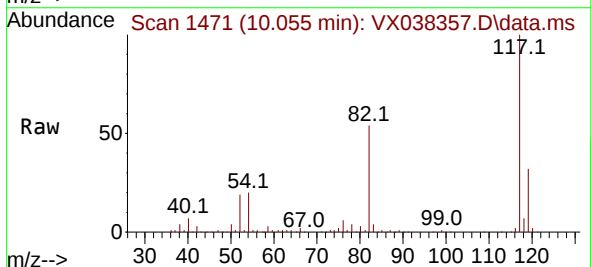
Tgt Ion: 117 Resp: 223359

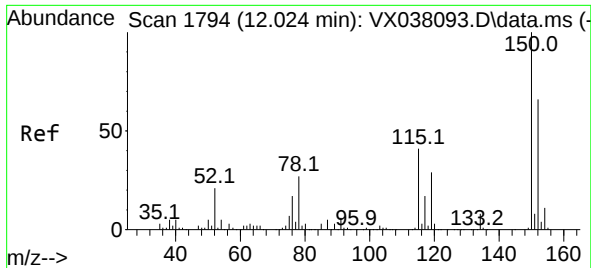
Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.4 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: VX038357.D

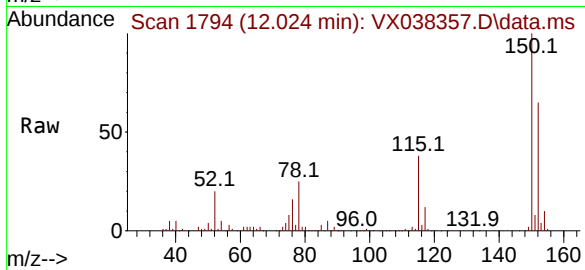
Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 115879

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.3 0.0 345.0

