

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038414.D
 Acq On : 20 Oct 2023 19:45
 Operator : JC/MD
 Sample : 04991-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1025

Quant Time: Oct 21 01:50:53 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)

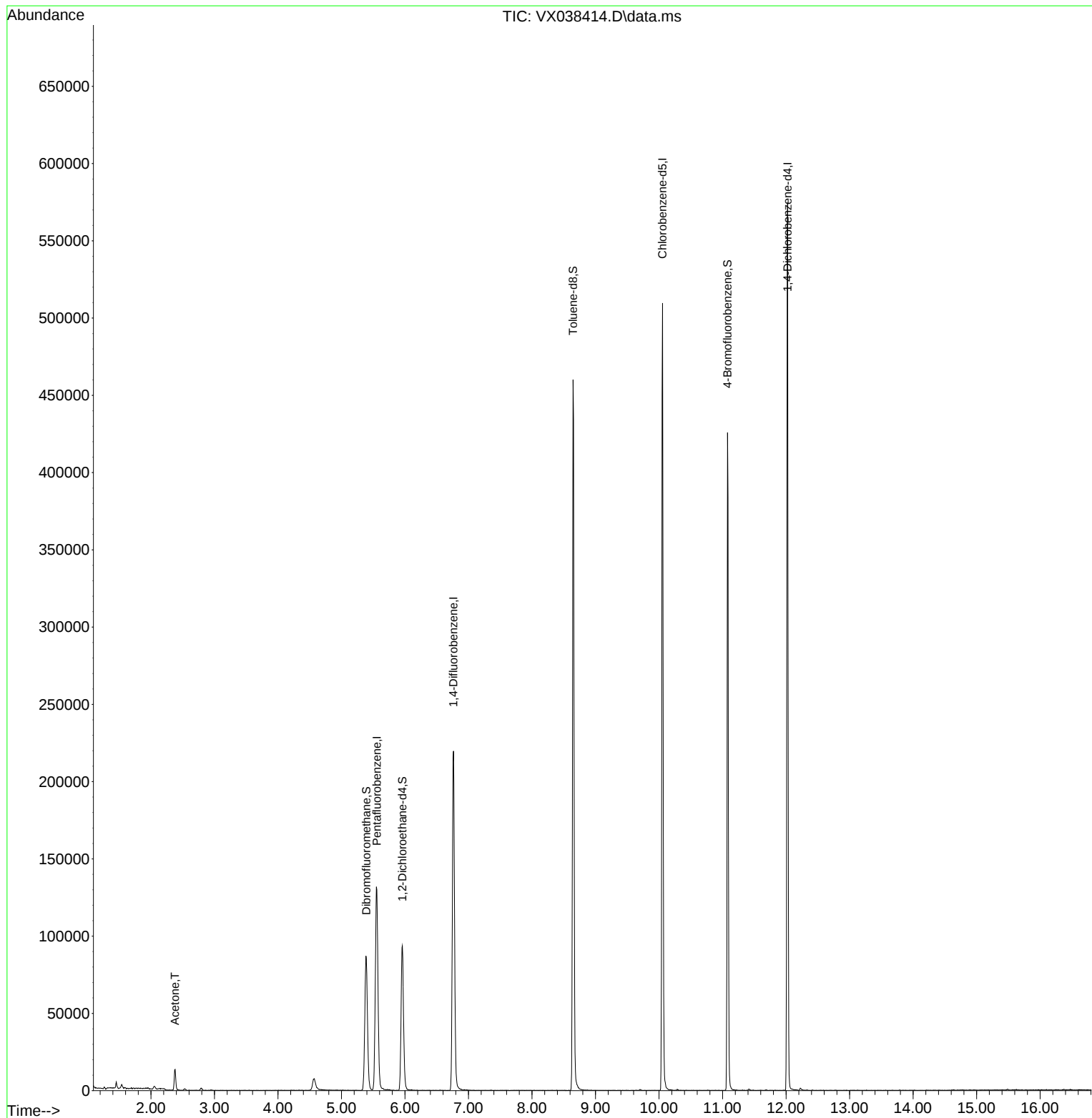
Internal Standards						
1) Pentafluorobenzene	5.556	168	126849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92033	45.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.220%
35) Dibromofluoromethane	5.391	113	74644	45.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.647	98	285976	45.485	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.960%#
62) 4-Bromofluorobenzene	11.079	95	106921	44.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.720%
Target Compounds						
16) Acetone	2.380	43	14622	17.172	ug/l	Qvalue 96

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

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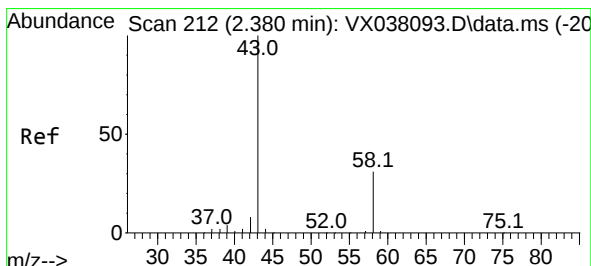
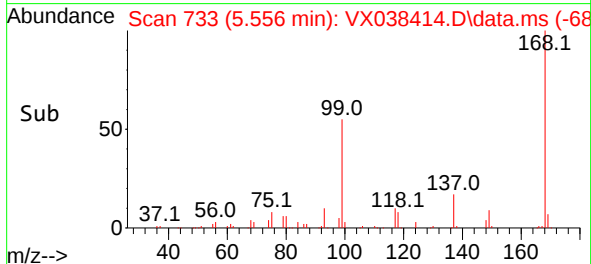
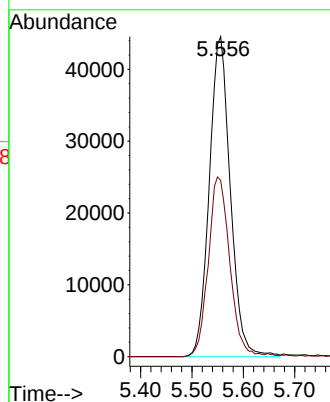
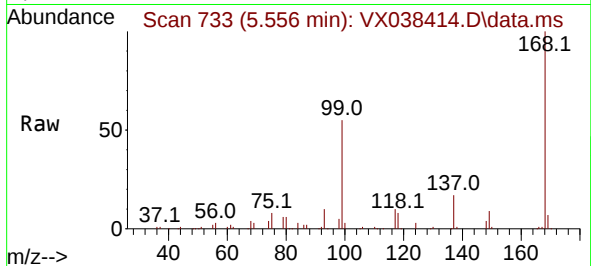




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

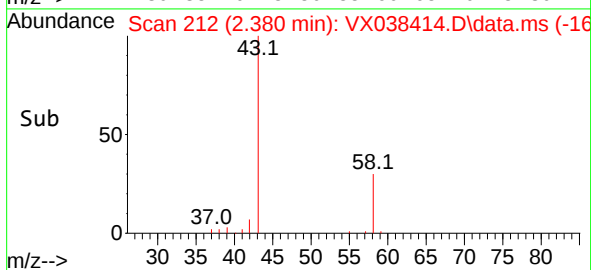
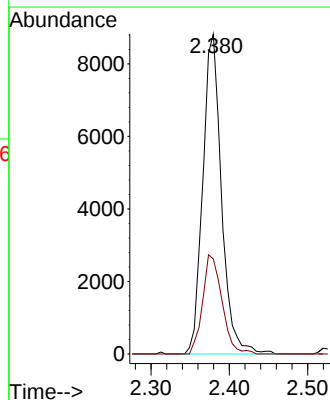
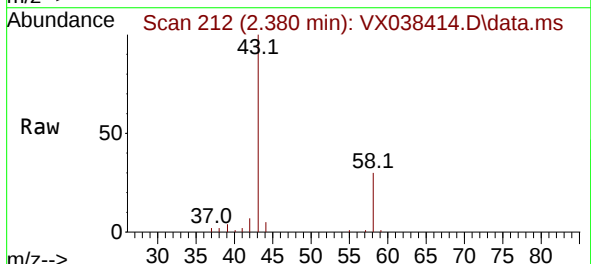
Instrument :
MSVOA_X
ClientSampleId :
1025

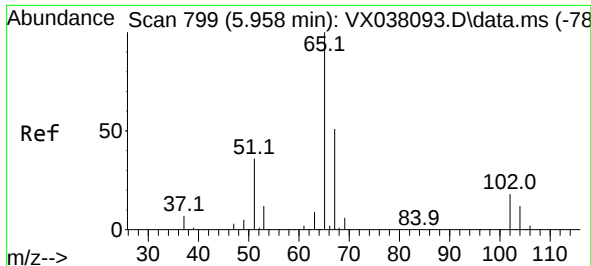
Tgt Ion:168 Resp: 126849
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#16
Acetone
Concen: 17.172 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 43 Resp: 14622
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.108 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038414.D

Acq: 20 Oct 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

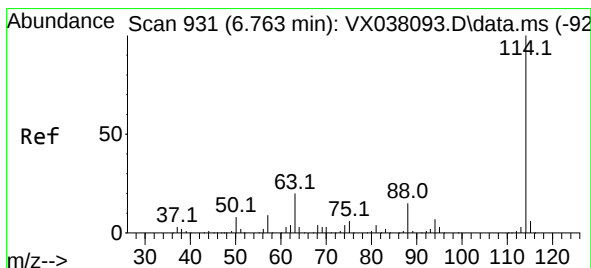
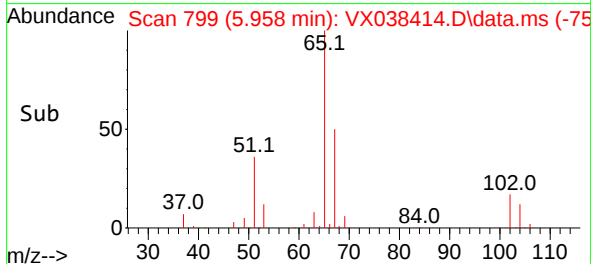
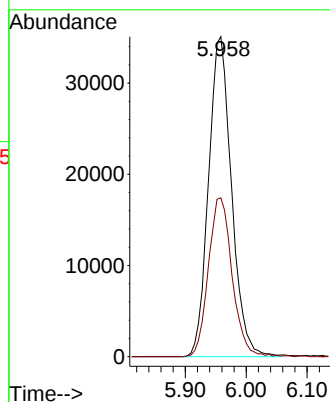
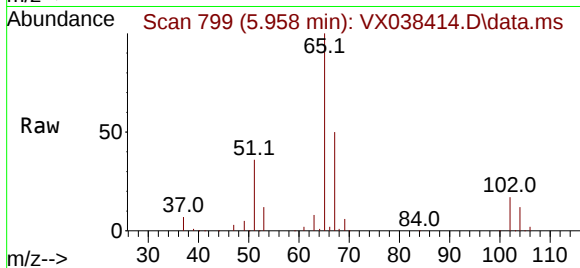
1025

Tgt Ion: 65 Resp: 92033

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: VX038414.D

Acq: 20 Oct 2023 19:45

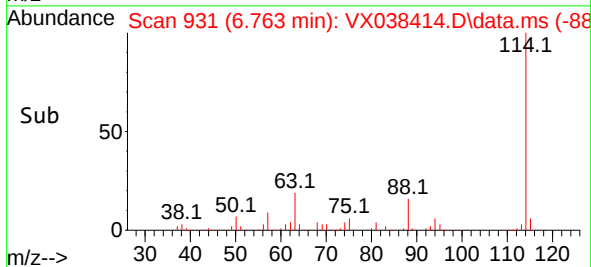
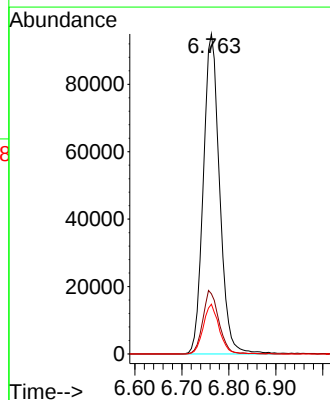
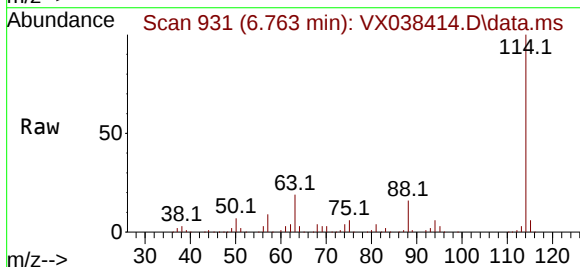
Tgt Ion: 114 Resp: 228342

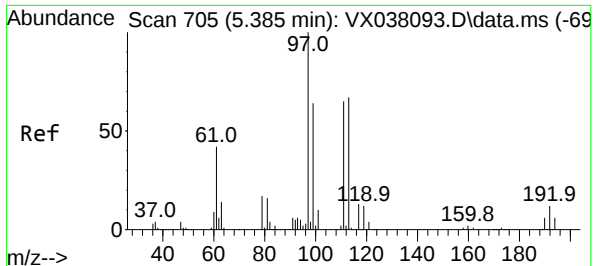
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.367 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038414.D

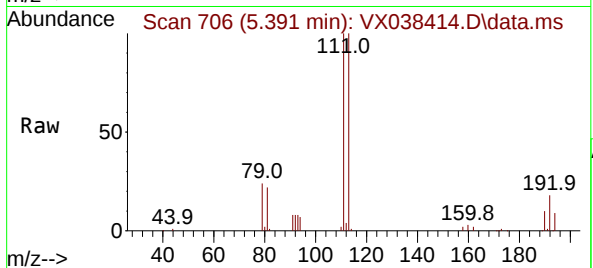
Acq: 20 Oct 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

1025



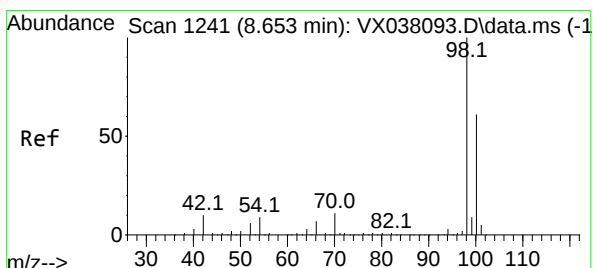
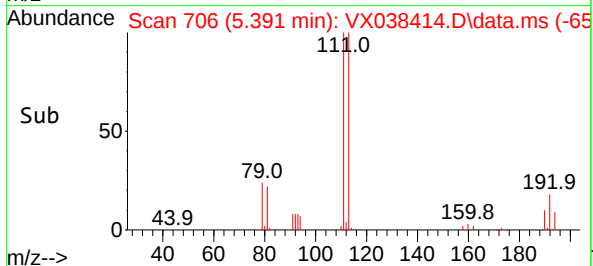
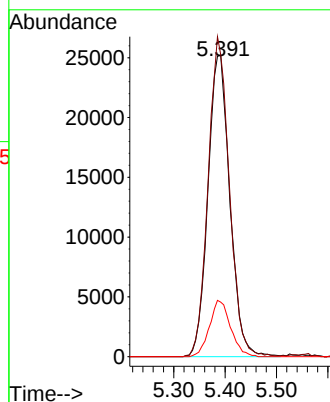
Tgt Ion:113 Resp: 74644

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.0 13.3 19.9



#50

Toluene-d8

Concen: 45.485 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038414.D

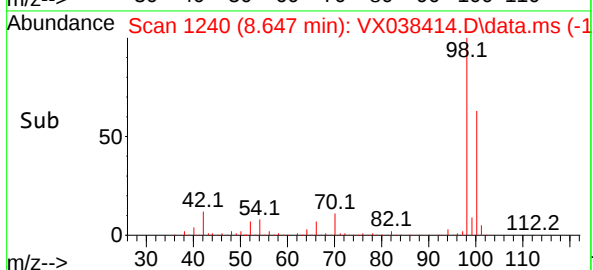
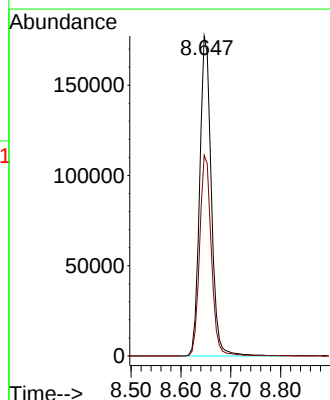
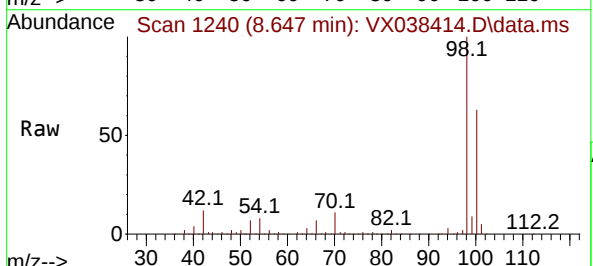
Acq: 20 Oct 2023 19:45

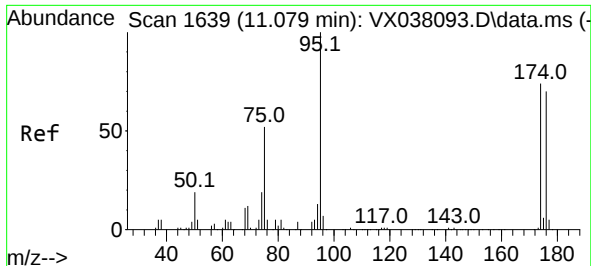
Tgt Ion: 98 Resp: 285976

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.857 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038414.D

Acq: 20 Oct 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

1025

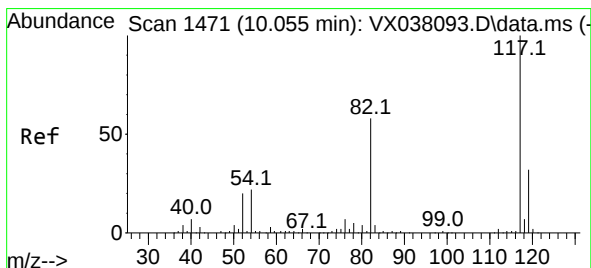
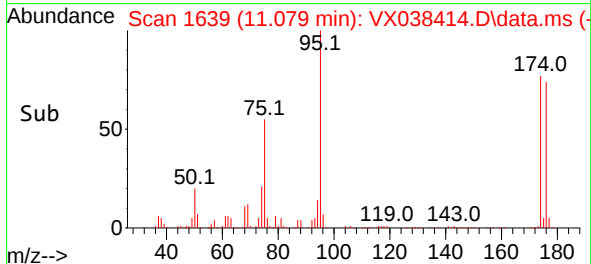
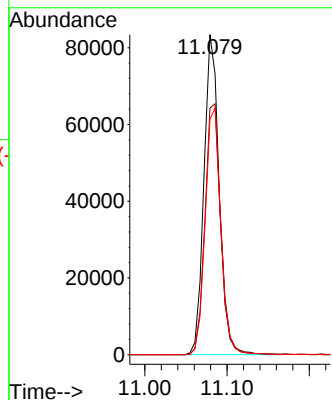
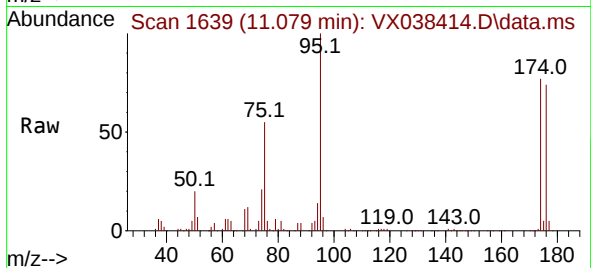
Tgt Ion: 95 Resp: 106921

Ion Ratio Lower Upper

95 100

174 82.5 0.0 135.6

176 79.2 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: VX038414.D

Acq: 20 Oct 2023 19:45

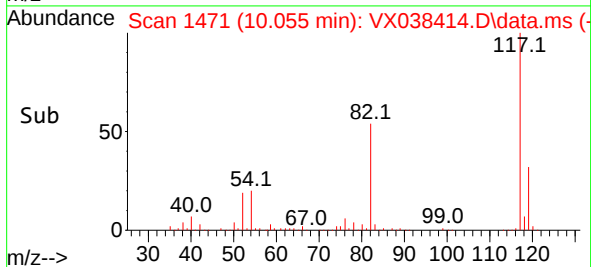
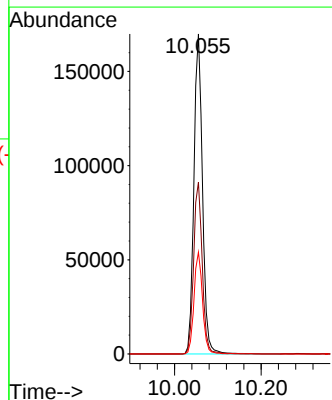
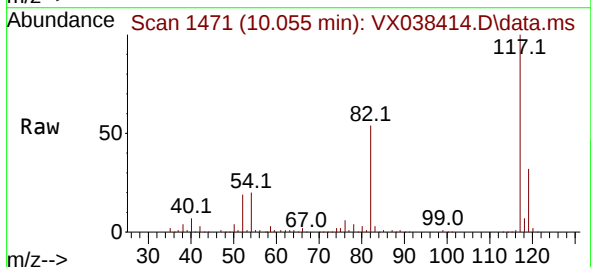
Tgt Ion: 117 Resp: 233539

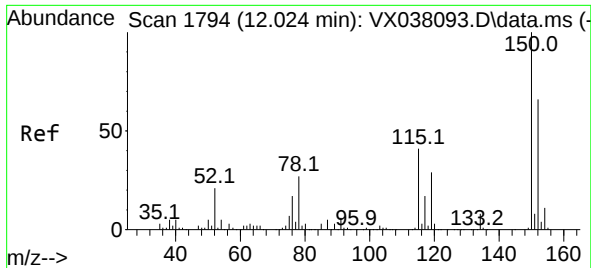
Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 31.8 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: VX038414.D

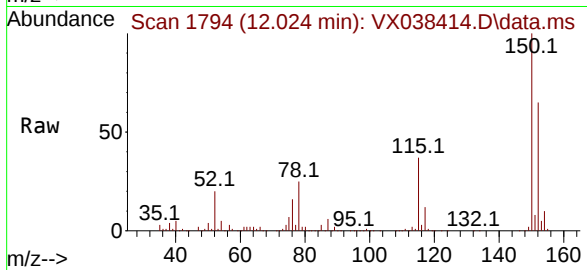
Acq: 20 Oct 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

1025



Tgt Ion:152 Resp: 120164

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.2 0.0 345.0

