

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032013.D
 Acq On : 10 Oct 2022 15:31
 Operator : JC/MD
 Sample : N5052-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 551B-1

Quant Time: Oct 11 05:11:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

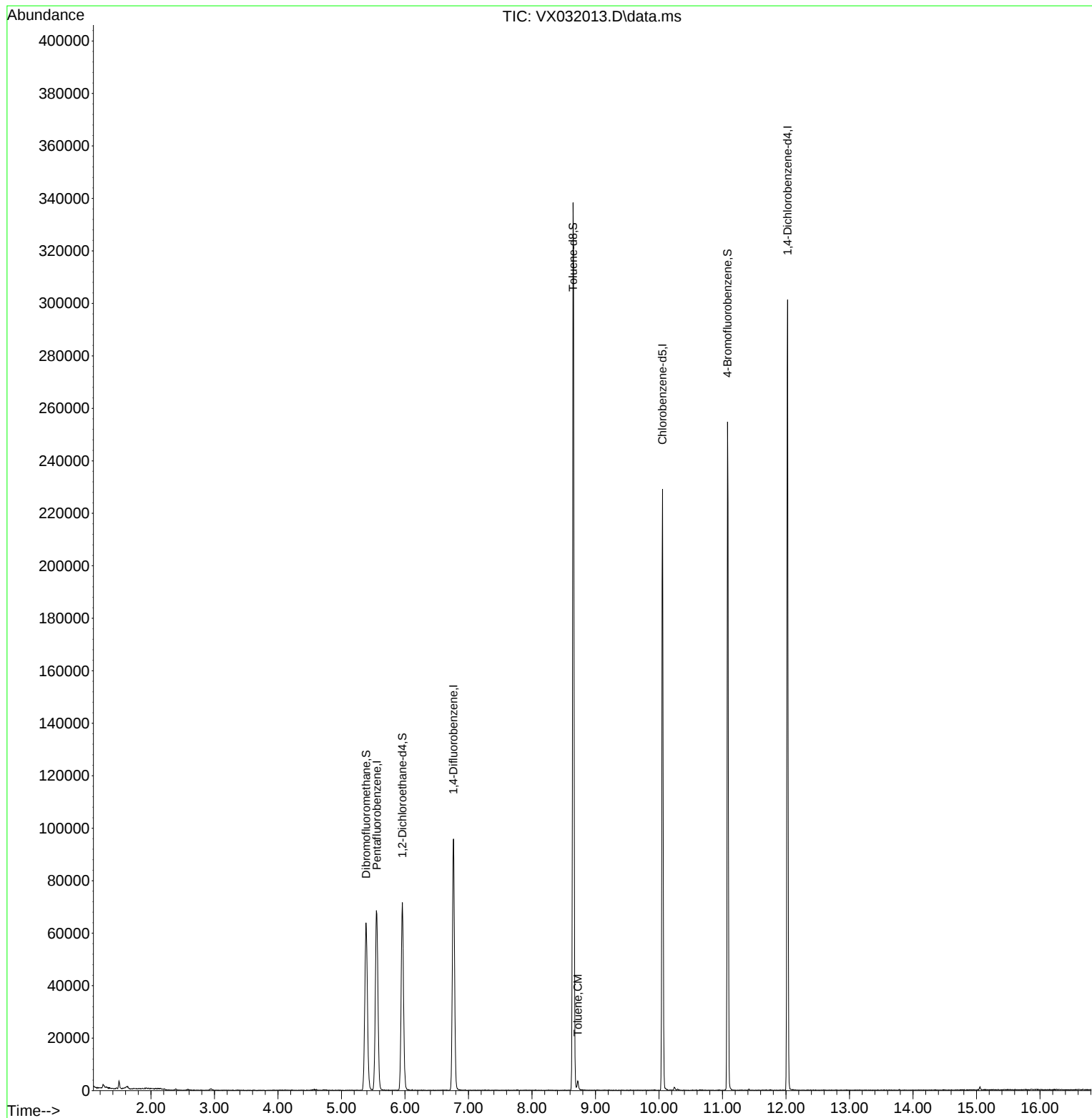
Internal Standards						
1) Pentafluorobenzene	5.556	168	64657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65198	48.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	5.385	113	53690	49.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	196284	50.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	63894	46.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
52) Toluene	8.720	92	1223	0.445	ug/l	Qvalue 82

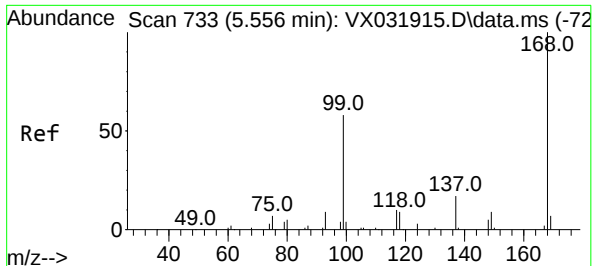
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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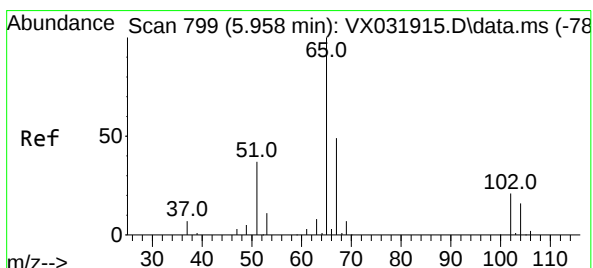
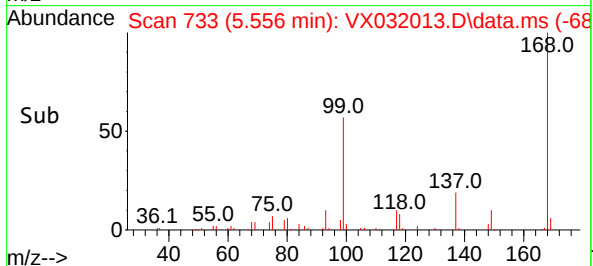
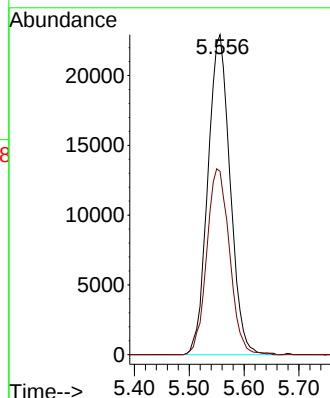
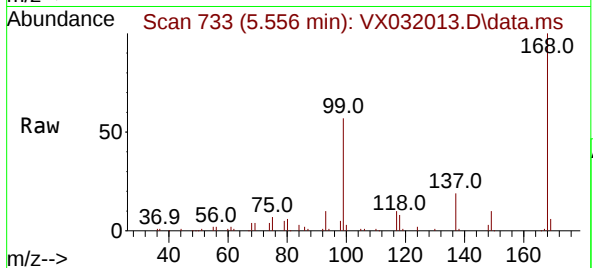




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

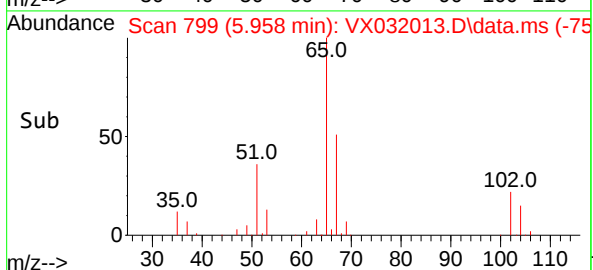
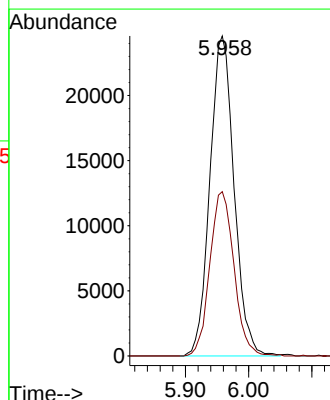
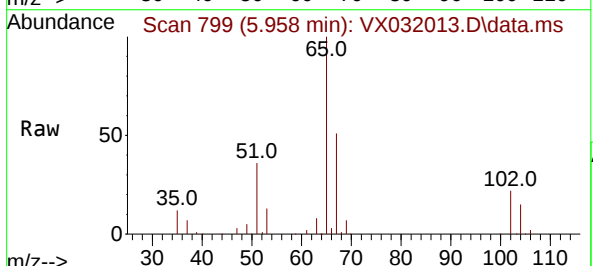
Instrument :
MSVOA_X
ClientSampleId :
551B-1

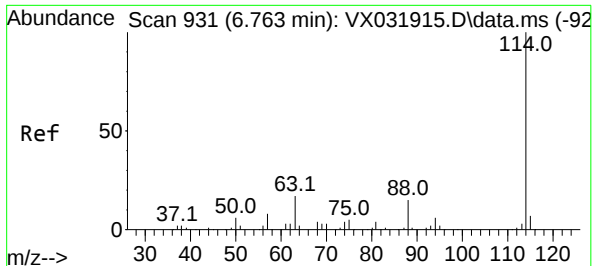
Tgt Ion:168 Resp: 64657
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 48.826 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 65 Resp: 65198
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

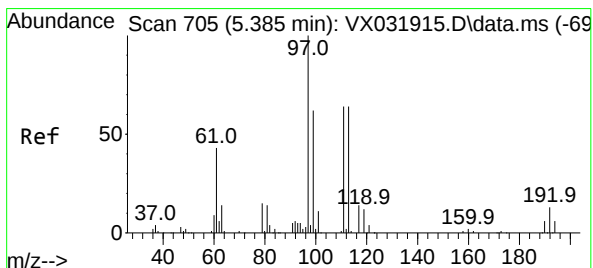
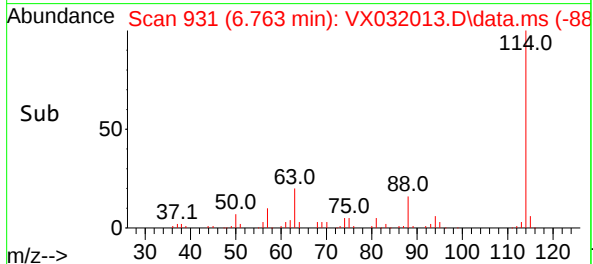
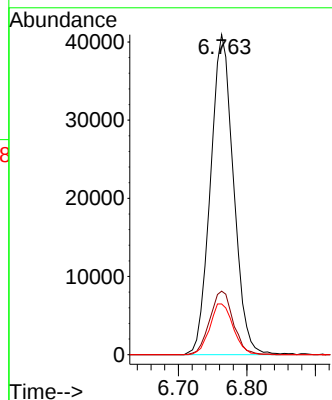
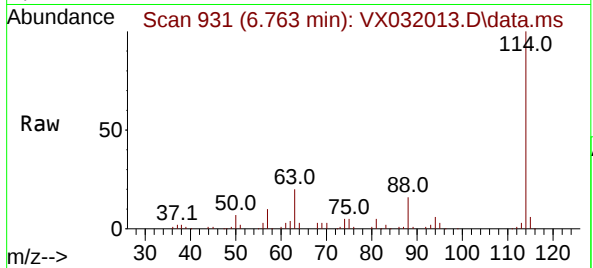




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

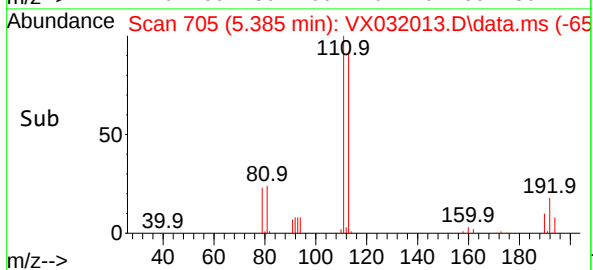
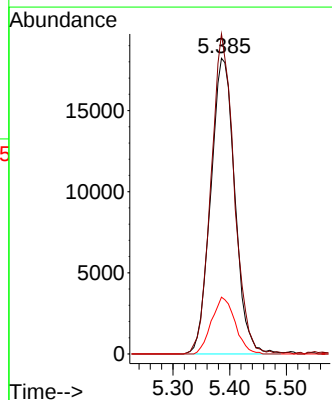
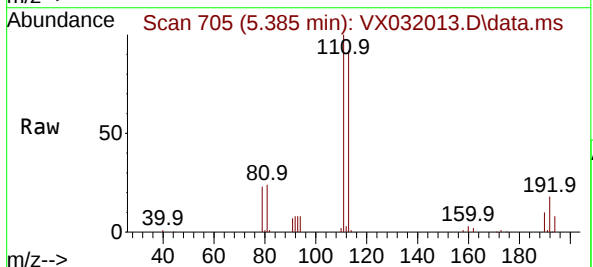
Instrument :
MSVOA_X
ClientSampleId :
551B-1

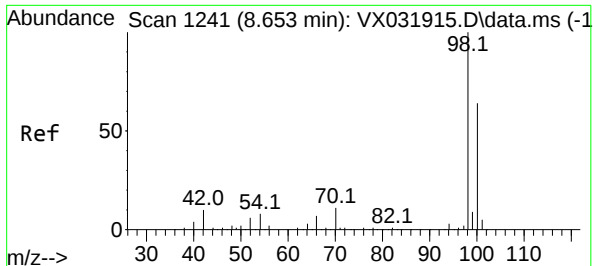
Tgt Ion:114 Resp: 95546
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.643 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

Tgt Ion:113 Resp: 53690
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.8 14.1 21.1

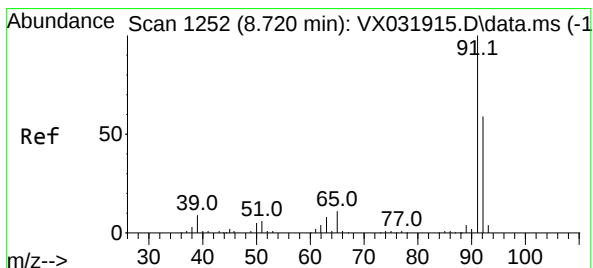
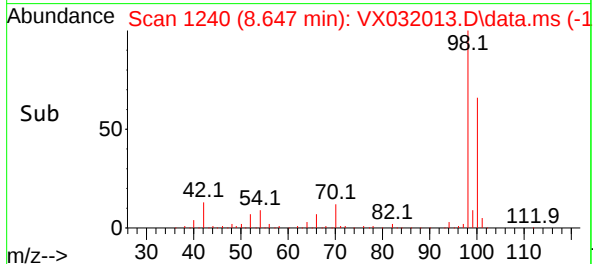
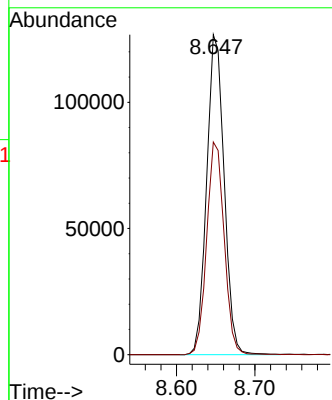
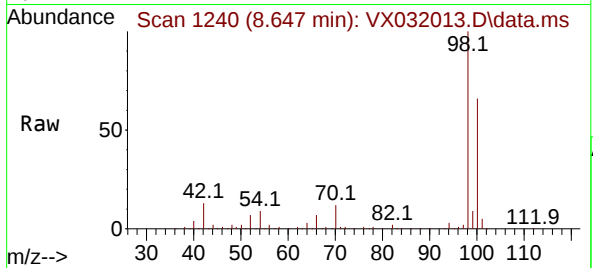




#50
Toluene-d8
Concen: 50.436 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

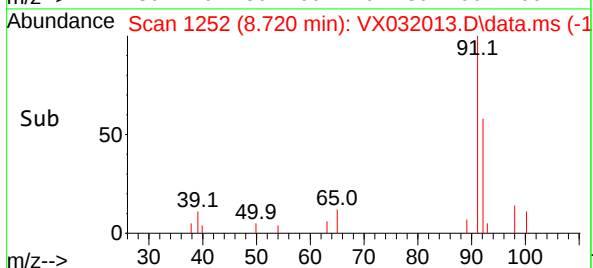
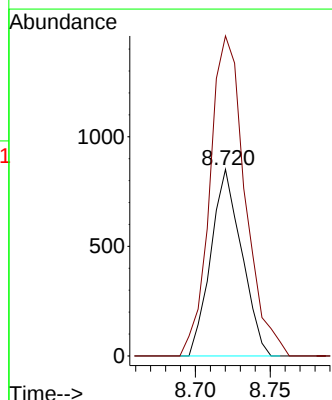
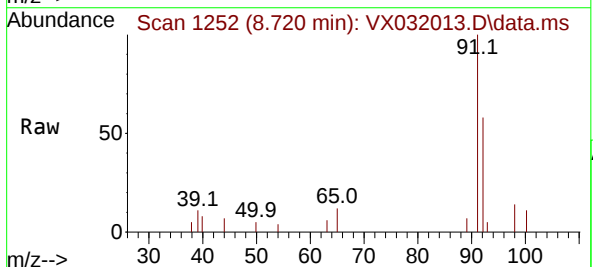
Instrument :
MSVOA_X
ClientSampleId :
551B-1

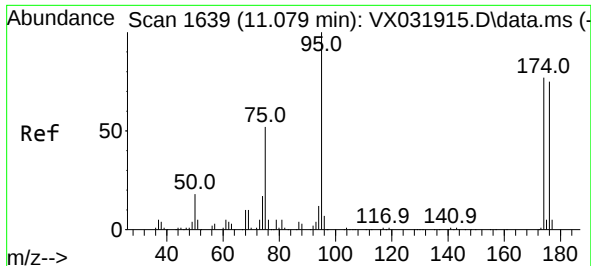
Tgt Ion: 98 Resp: 196284
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#52
Toluene
Concen: 0.445 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032013.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 92 Resp: 1223
Ion Ratio Lower Upper
92 100
91 195.5 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 46.440 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032013.D

Acq: 10 Oct 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

551B-1

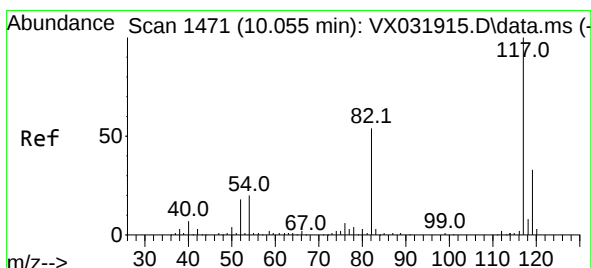
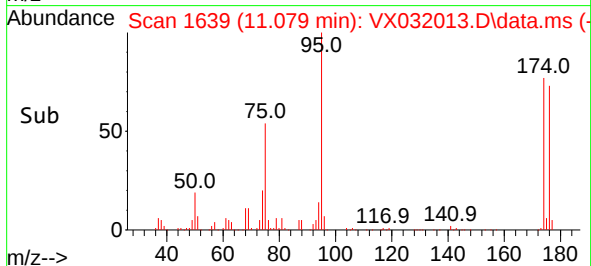
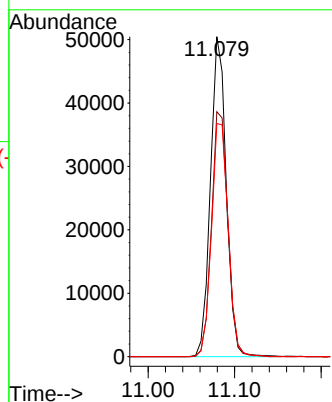
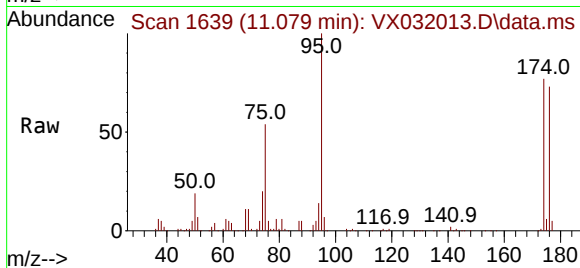
Tgt Ion: 95 Resp: 63894

Ion Ratio Lower Upper

95 100

174 79.5 0.0 153.2

176 77.1 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032013.D

Acq: 10 Oct 2022 15:31

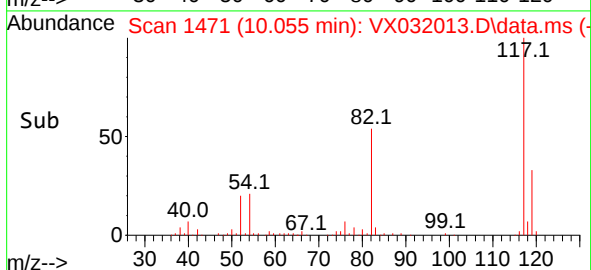
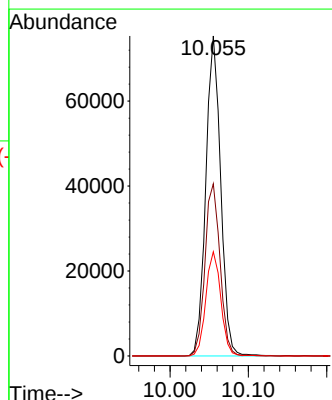
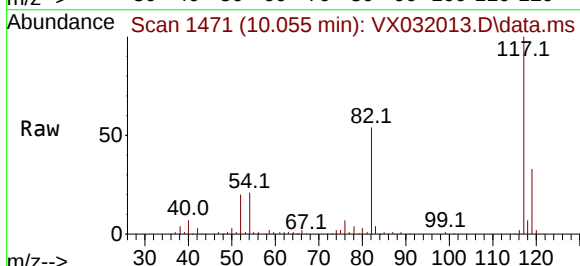
Tgt Ion: 117 Resp: 99006

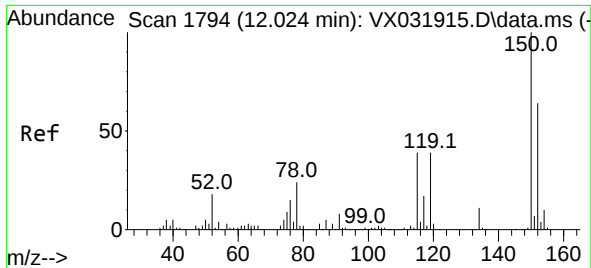
Ion Ratio Lower Upper

117 100

82 53.8 46.8 70.2

119 32.6 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032013.D

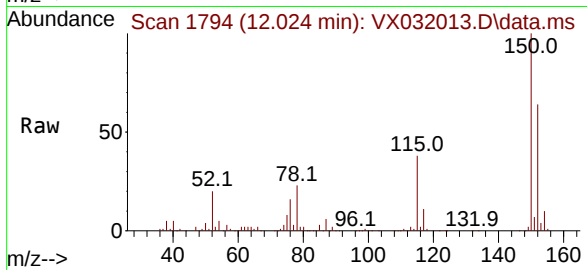
Acq: 10 Oct 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 59640

Ion Ratio Lower Upper

152 100

115 60.4 43.4 130.1

150 159.3 0.0 346.8

