

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039901.D
 Acq On : 23 Jan 2024 11:47
 Operator : JC/MD
 Sample : P1196-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-B-20240118

Quant Time: Jan 24 02:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

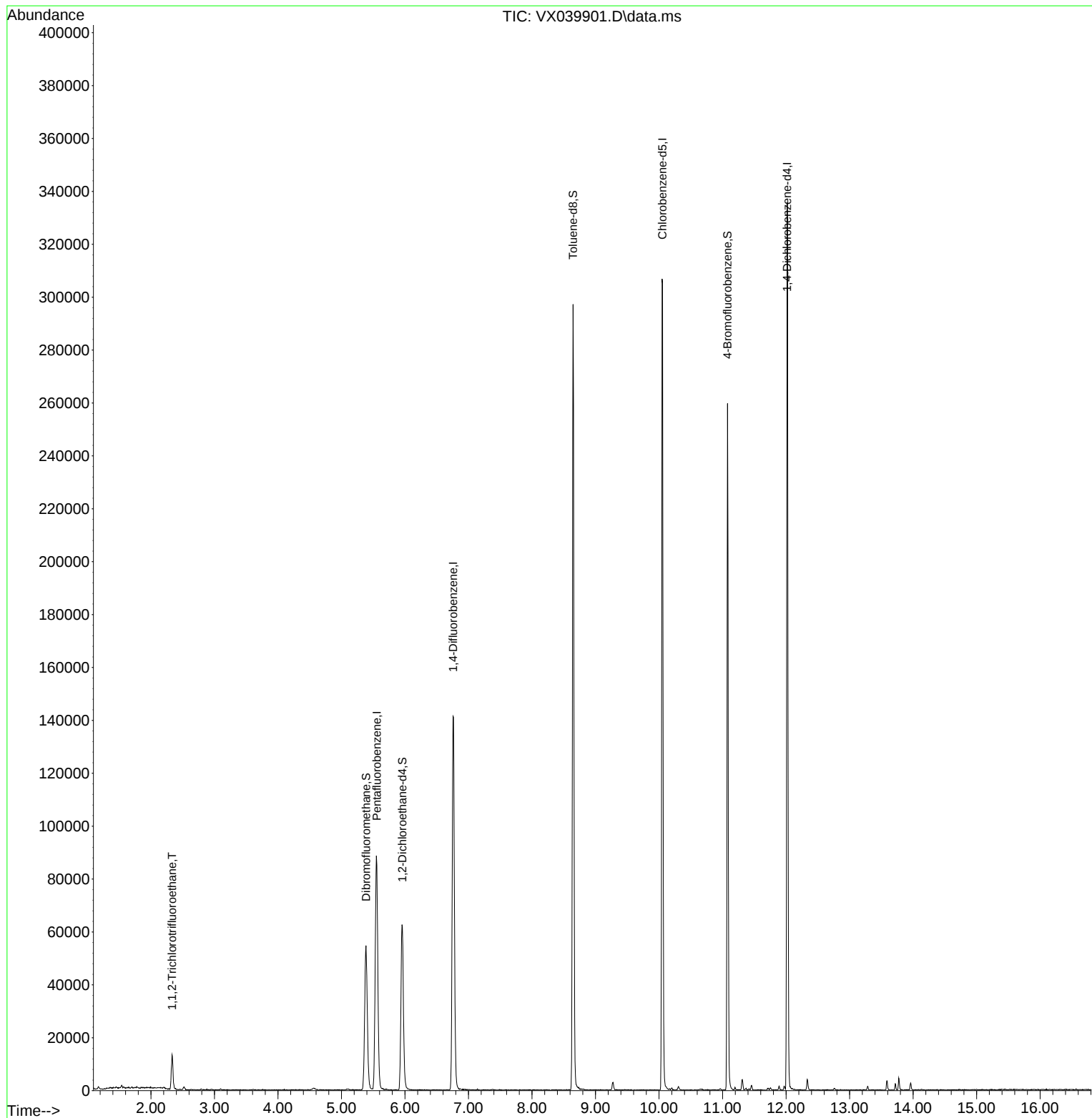
Internal Standards						
1) Pentafluorobenzene	5.556	168	77976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61436	47.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	46786	49.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	8.647	98	171639	47.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	66601	47.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	5290	5.440	ug/l	Qvalue 98

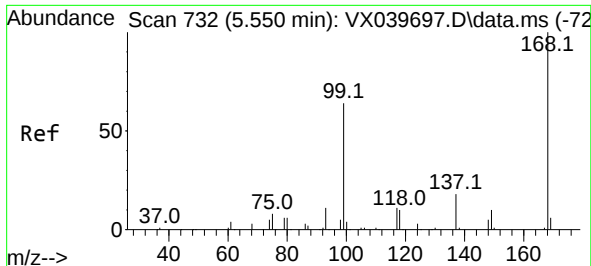
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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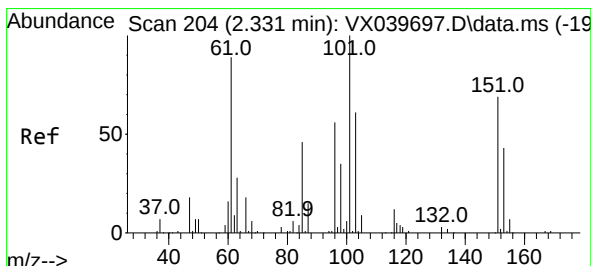
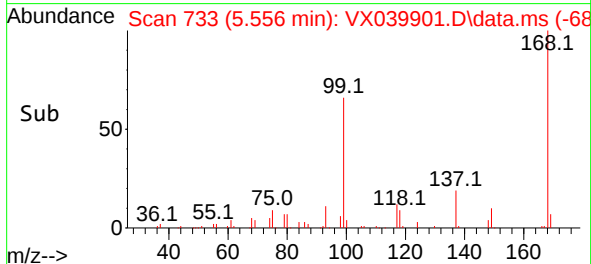
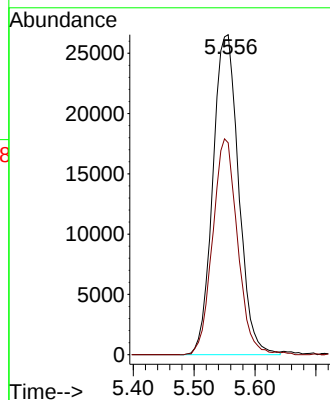
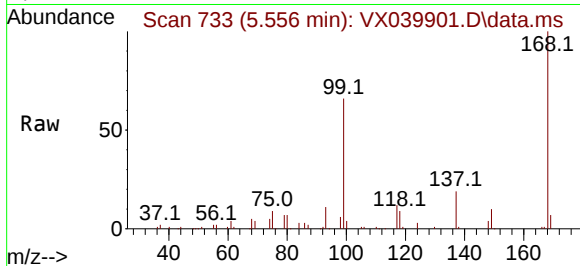




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039901.D
Acq: 23 Jan 2024 11:47

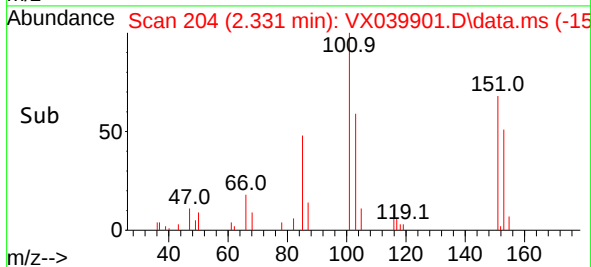
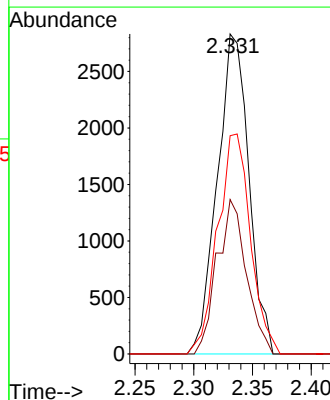
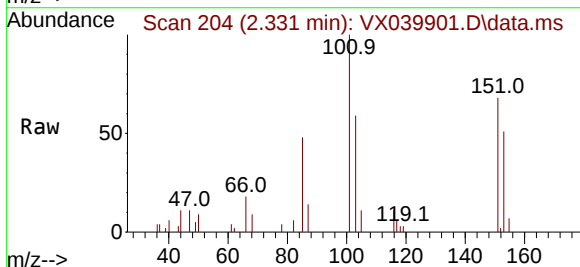
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240118

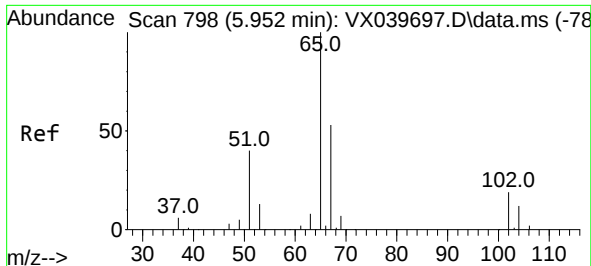
Tgt Ion:168 Resp: 77976
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.440 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039901.D
Acq: 23 Jan 2024 11:47

Tgt Ion:101 Resp: 5290
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 71.4 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 47.034 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039901.D

Acq: 23 Jan 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

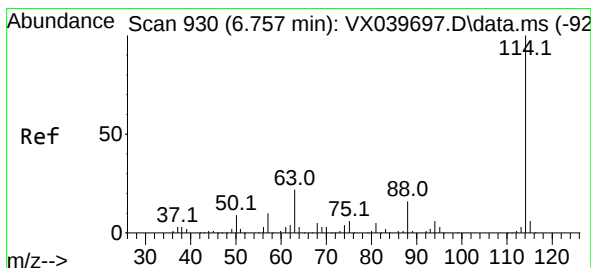
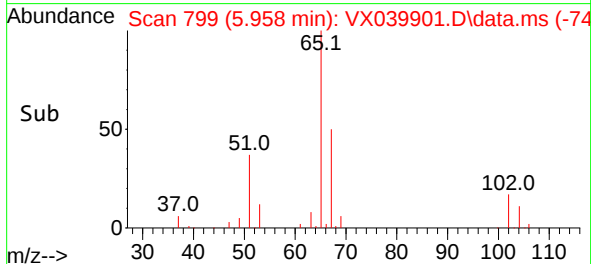
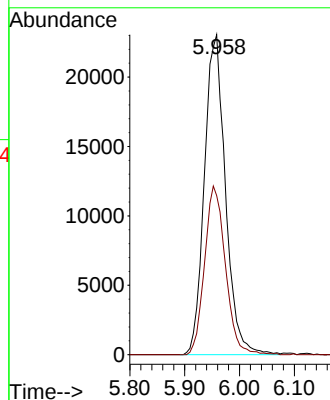
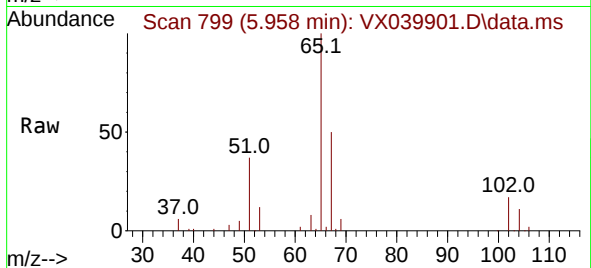
RE137-SP302-B-20240118

Tgt Ion: 65 Resp: 61436

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039901.D

Acq: 23 Jan 2024 11:47

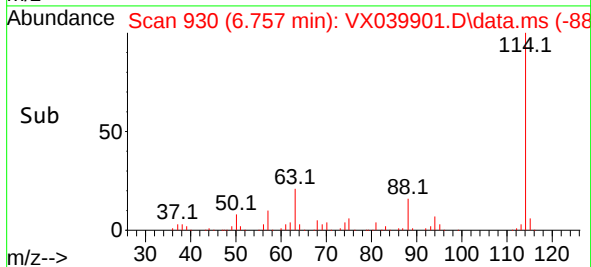
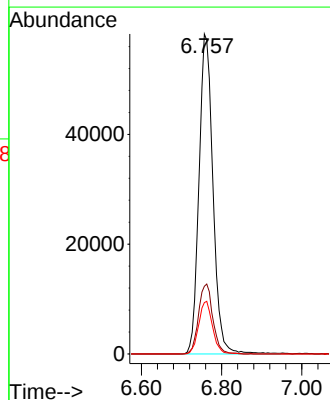
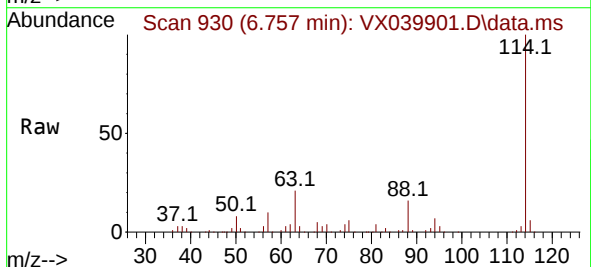
Tgt Ion: 114 Resp: 141223

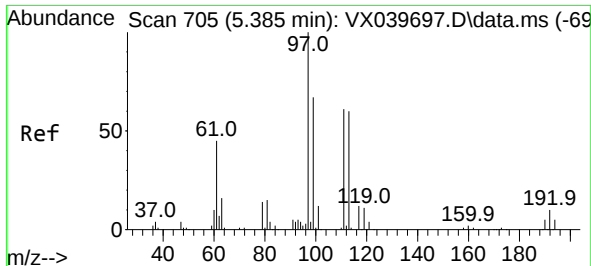
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

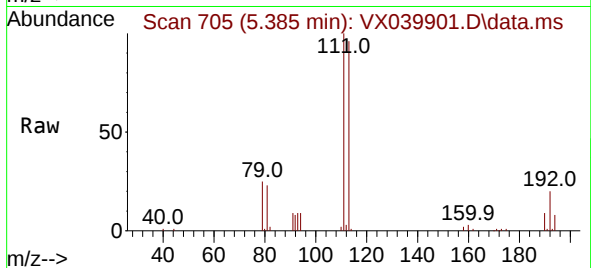
88 16.0 0.0 36.6





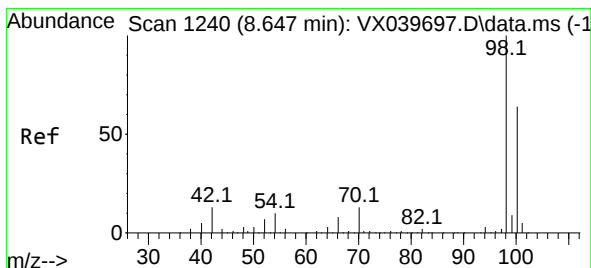
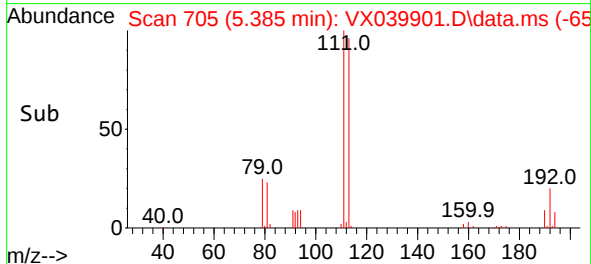
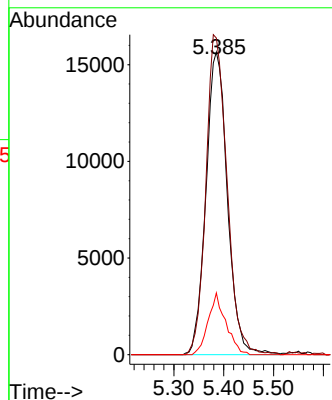
#35
Dibromofluoromethane
Concen: 49.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039901.D
Acq: 23 Jan 2024 11:47

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240118



Tgt Ion:113 Resp: 46786

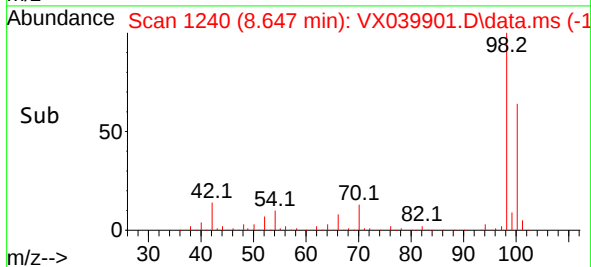
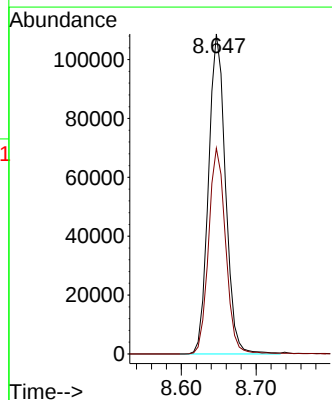
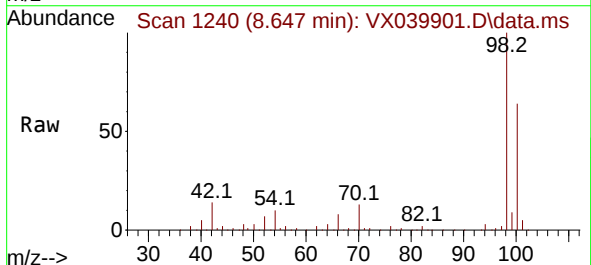
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	16.8	13.3	19.9

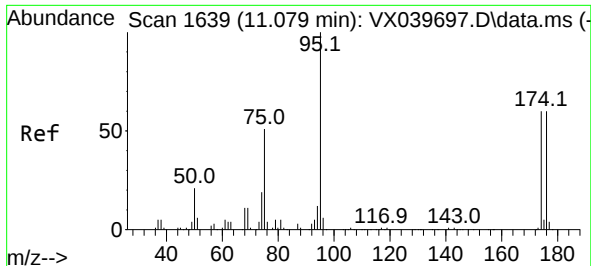


#50
Toluene-d8
Concen: 47.844 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039901.D
Acq: 23 Jan 2024 11:47

Tgt Ion: 98 Resp: 171639

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 47.474 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039901.D

Acq: 23 Jan 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-B-20240118

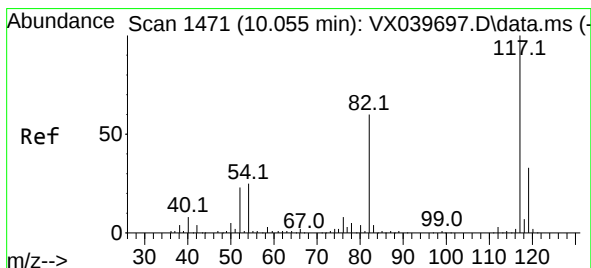
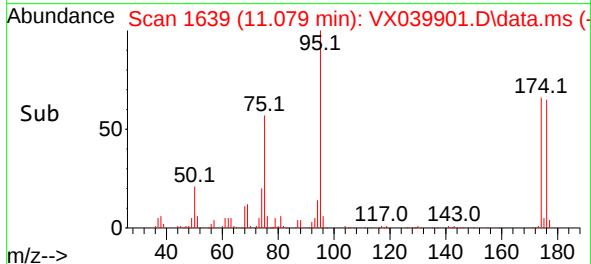
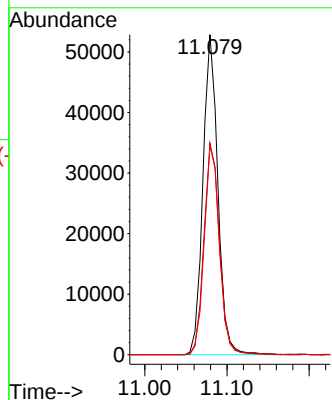
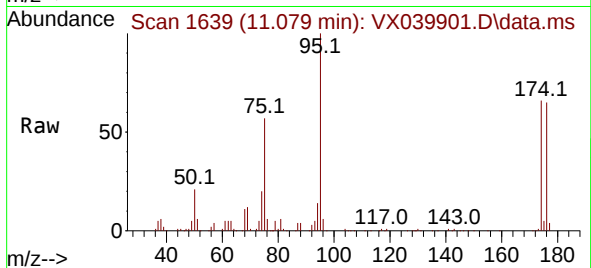
Tgt Ion: 95 Resp: 66601

Ion Ratio Lower Upper

95 100

174 68.8 0.0 135.6

176 66.6 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: VX039901.D

Acq: 23 Jan 2024 11:47

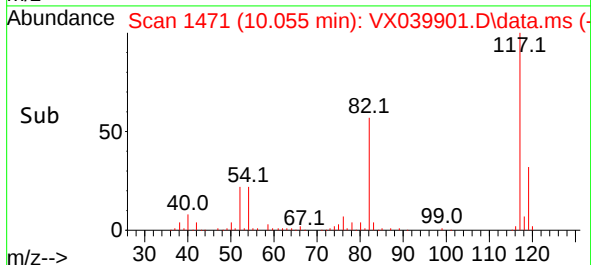
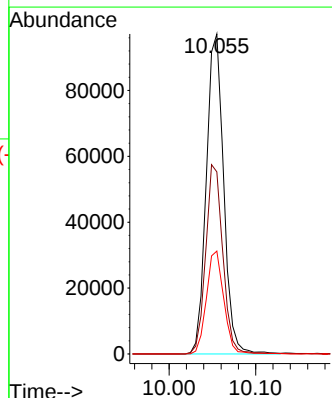
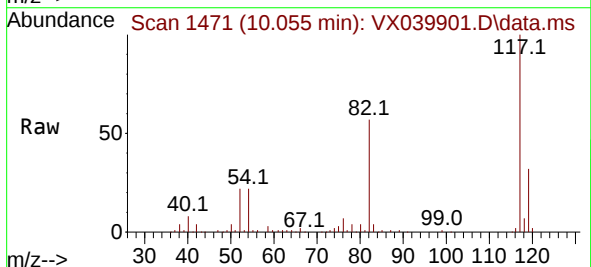
Tgt Ion: 117 Resp: 135197

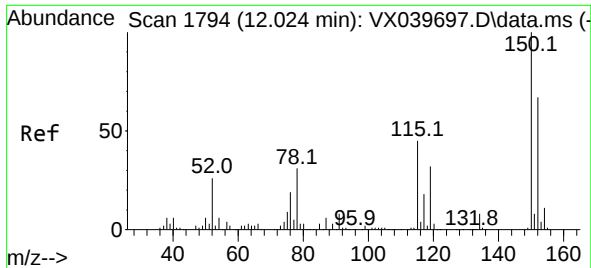
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039901.D

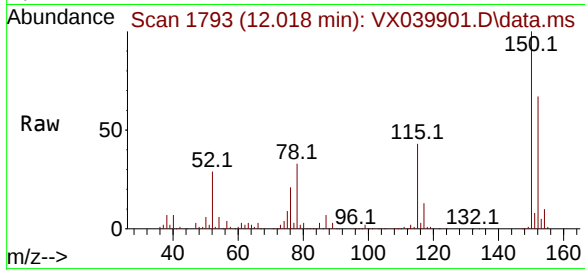
Acq: 23 Jan 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 64917

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 153.6 0.0 345.0

