

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031233.D
 Acq On : 08 Sep 2022 23:42
 Operator : JC/MD
 Sample : N4360-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20220824RE

Quant Time: Sep 09 01:12:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

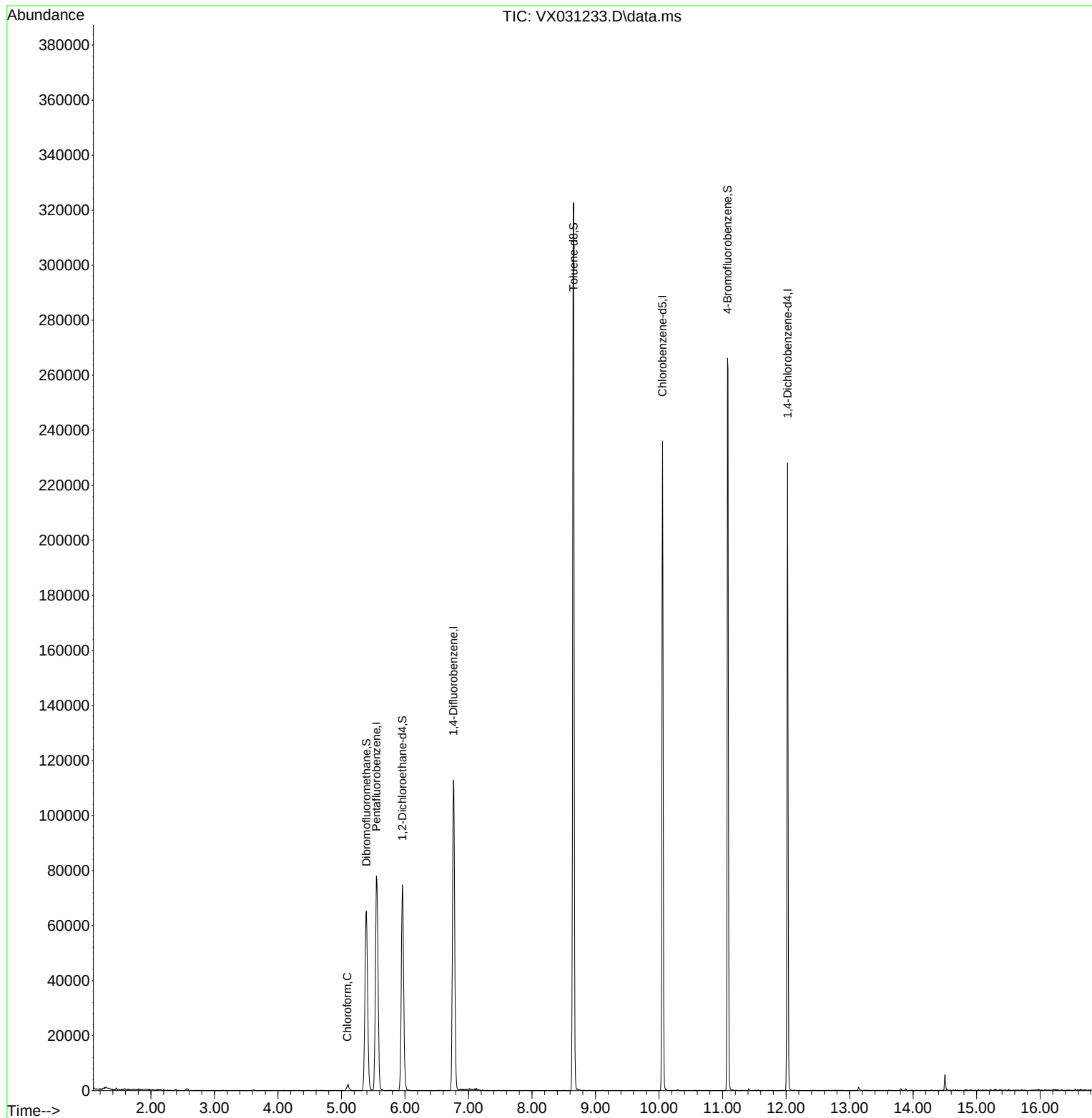
Internal Standards						
1) Pentafluorobenzene	5.550	168	67283	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	111962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80856	50.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.520%
35) Dibromofluoromethane	5.391	113	57726	47.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.653	98	192972	43.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.060%
62) 4-Bromofluorobenzene	11.079	95	73679	45.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
						Qvalue
30) Chloroform	5.092	83	2654	1.056	ug/l	# 83

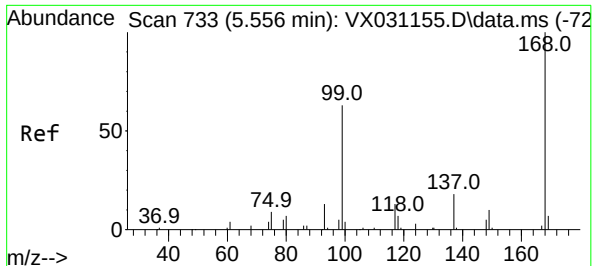
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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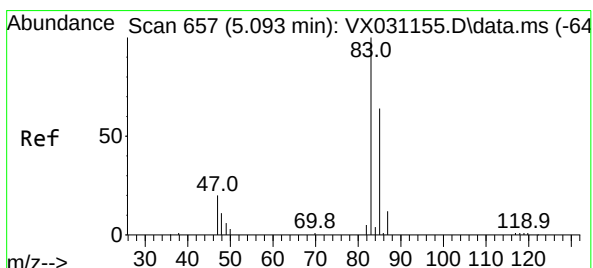
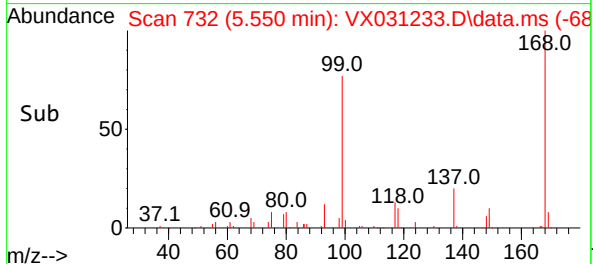
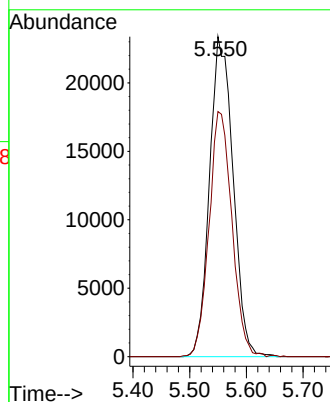
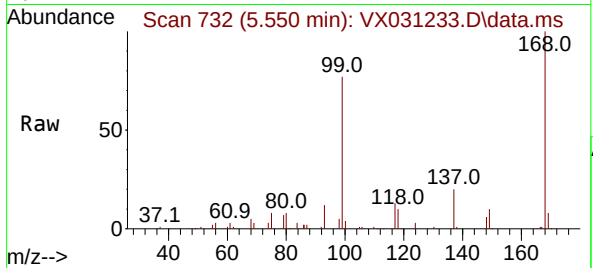




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031233.D
Acq: 08 Sep 2022 23:42

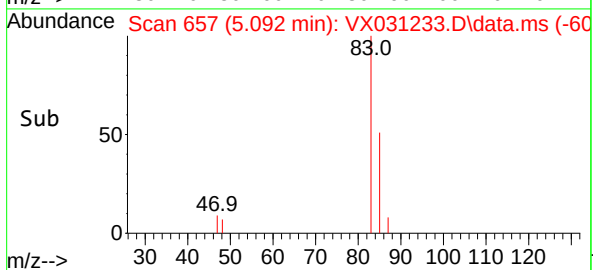
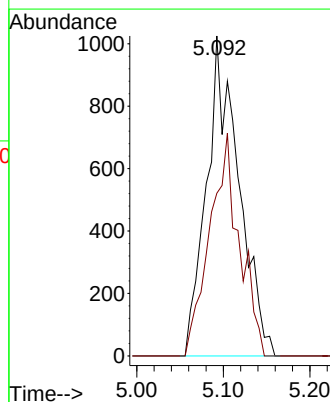
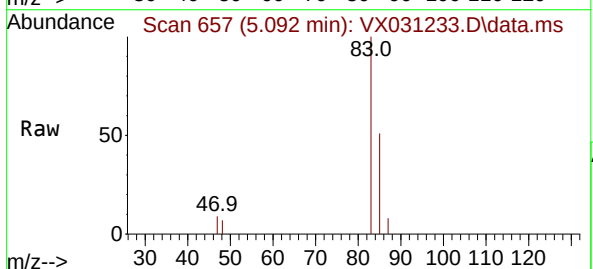
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20220824RE

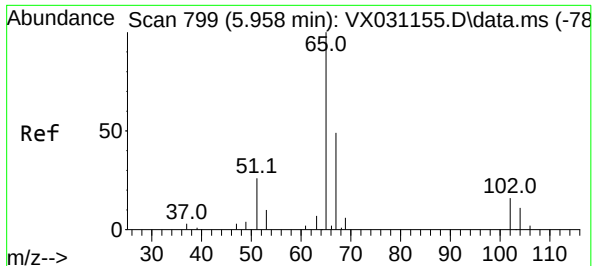
Tgt Ion:168 Resp: 67283
Ion Ratio Lower Upper
168 100
99 76.6 44.0 66.0#



#30
Chloroform
Concen: 1.056 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX031233.D
Acq: 08 Sep 2022 23:42

Tgt Ion: 83 Resp: 2654
Ion Ratio Lower Upper
83 100
85 50.8 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 50.758 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031233.D

Acq: 08 Sep 2022 23:42

Instrument :

MSVOA_X

ClientSampleId :

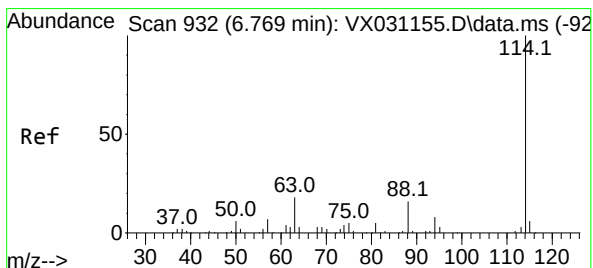
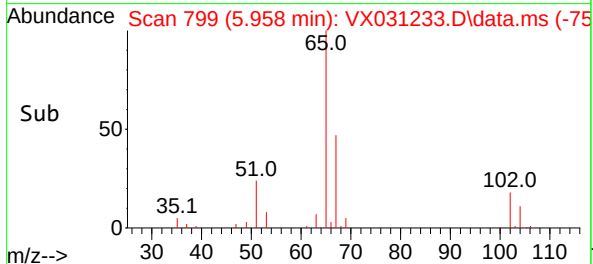
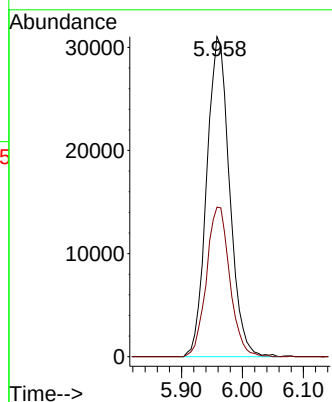
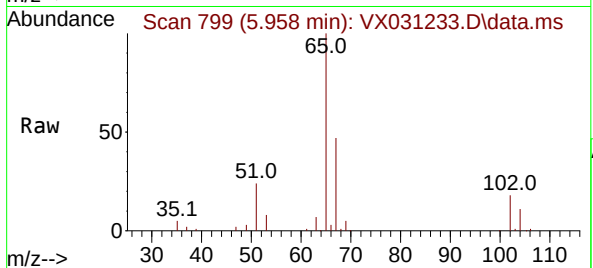
RE135D1-20220824RE

Tgt Ion: 65 Resp: 80856

Ion Ratio Lower Upper

65 100

67 47.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031233.D

Acq: 08 Sep 2022 23:42

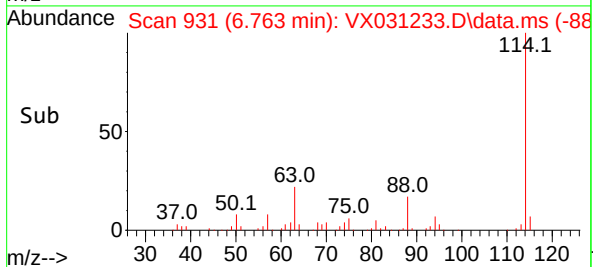
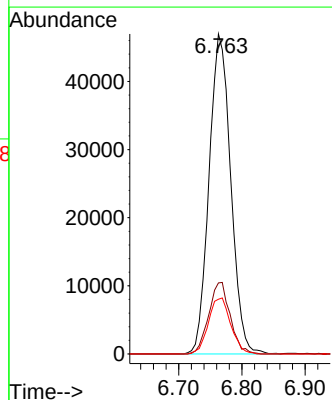
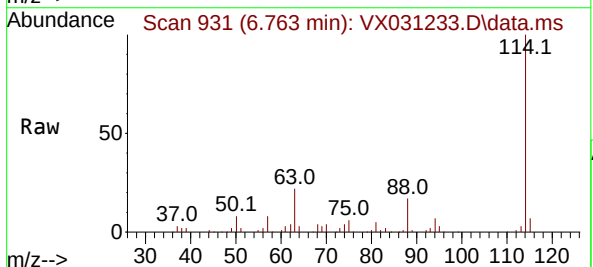
Tgt Ion: 114 Resp: 111962

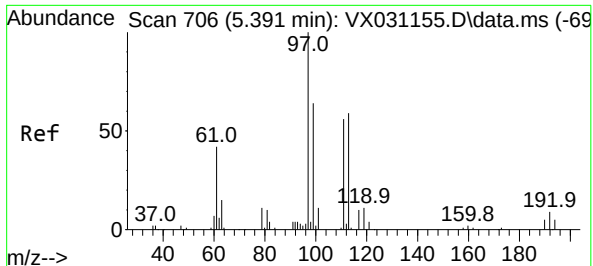
Ion Ratio Lower Upper

114 100

63 22.2 0.0 38.4

88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.313 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031233.D

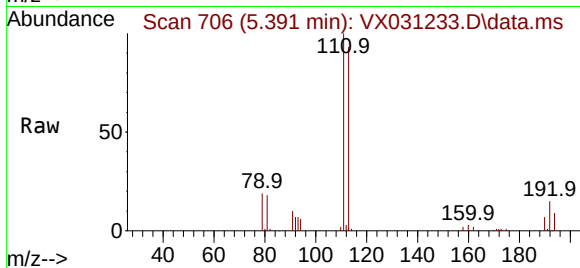
Acq: 08 Sep 2022 23:42

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20220824RE



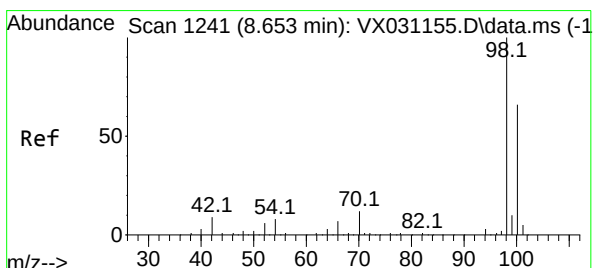
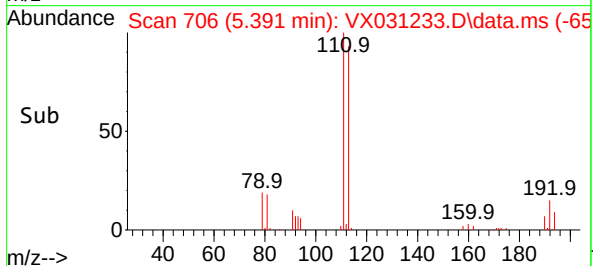
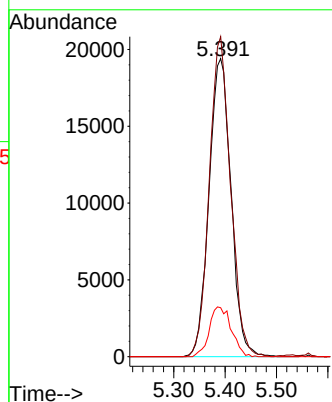
Tgt Ion:113 Resp: 57726

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 16.7 14.8 22.2



#50

Toluene-d8

Concen: 43.532 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031233.D

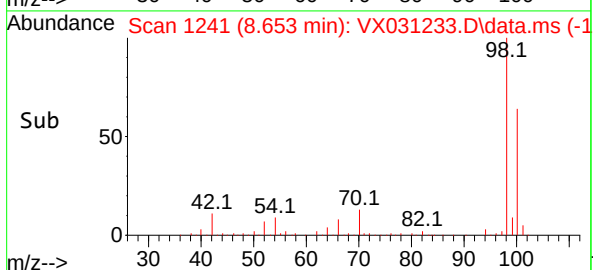
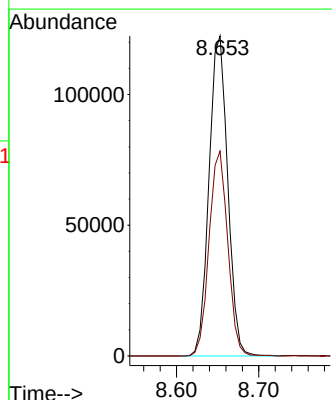
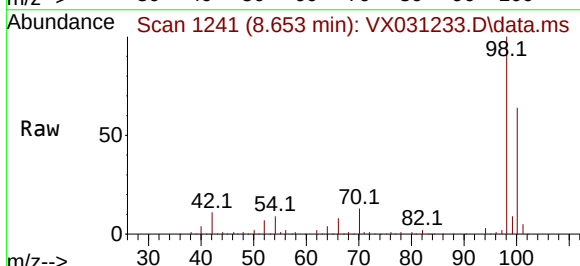
Acq: 08 Sep 2022 23:42

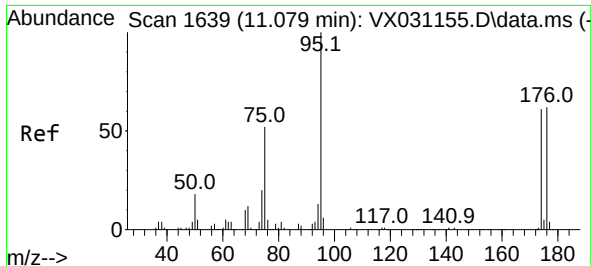
Tgt Ion: 98 Resp: 192972

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.355 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031233.D

Acq: 08 Sep 2022 23:42

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20220824RE

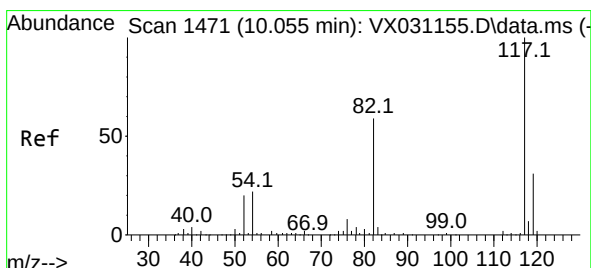
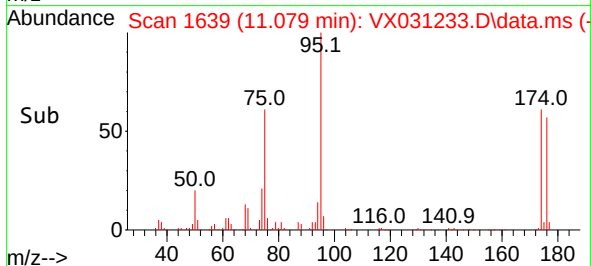
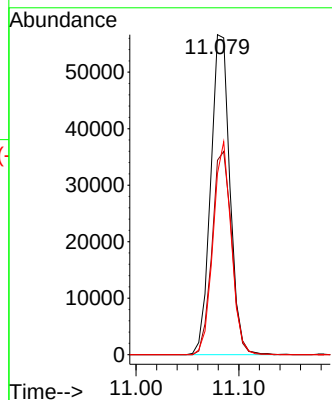
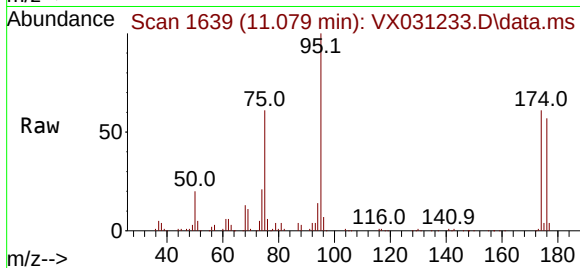
Tgt Ion: 95 Resp: 73679

Ion Ratio Lower Upper

95 100

174 64.9 0.0 149.0

176 62.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031233.D

Acq: 08 Sep 2022 23:42

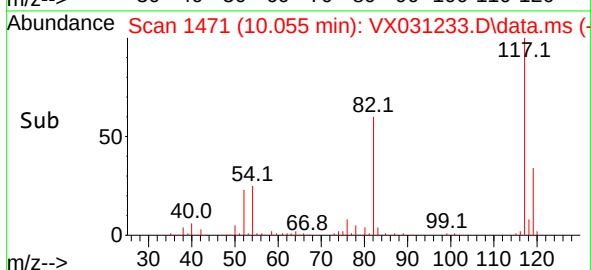
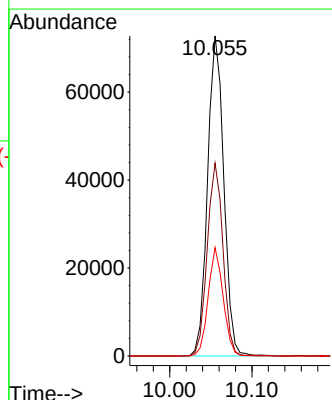
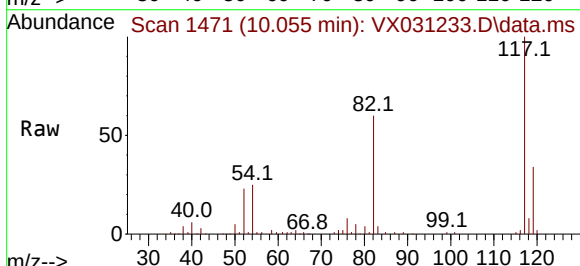
Tgt Ion: 117 Resp: 99653

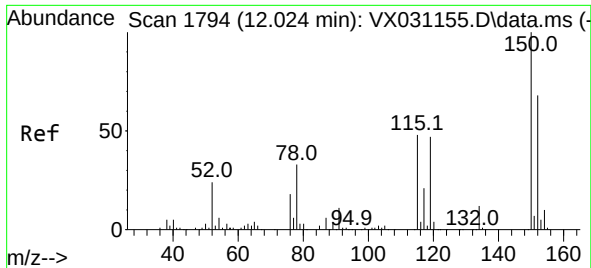
Ion Ratio Lower Upper

117 100

82 60.3 42.7 64.1

119 33.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031233.D

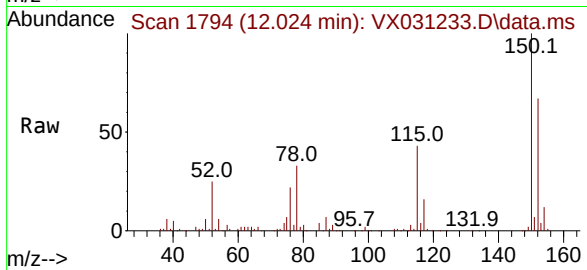
Acq: 08 Sep 2022 23:42

Instrument :

MSVOA_X

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Tgt Ion:152 Resp: 41294

Ion Ratio Lower Upper

152 100

115 67.1 40.5 121.5

150 153.3 0.0 347.0

