

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038757.D
 Acq On : 11 Nov 2023 04:23
 Operator : JC/MD
 Sample : 05350-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20231107

Quant Time: Nov 11 05:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

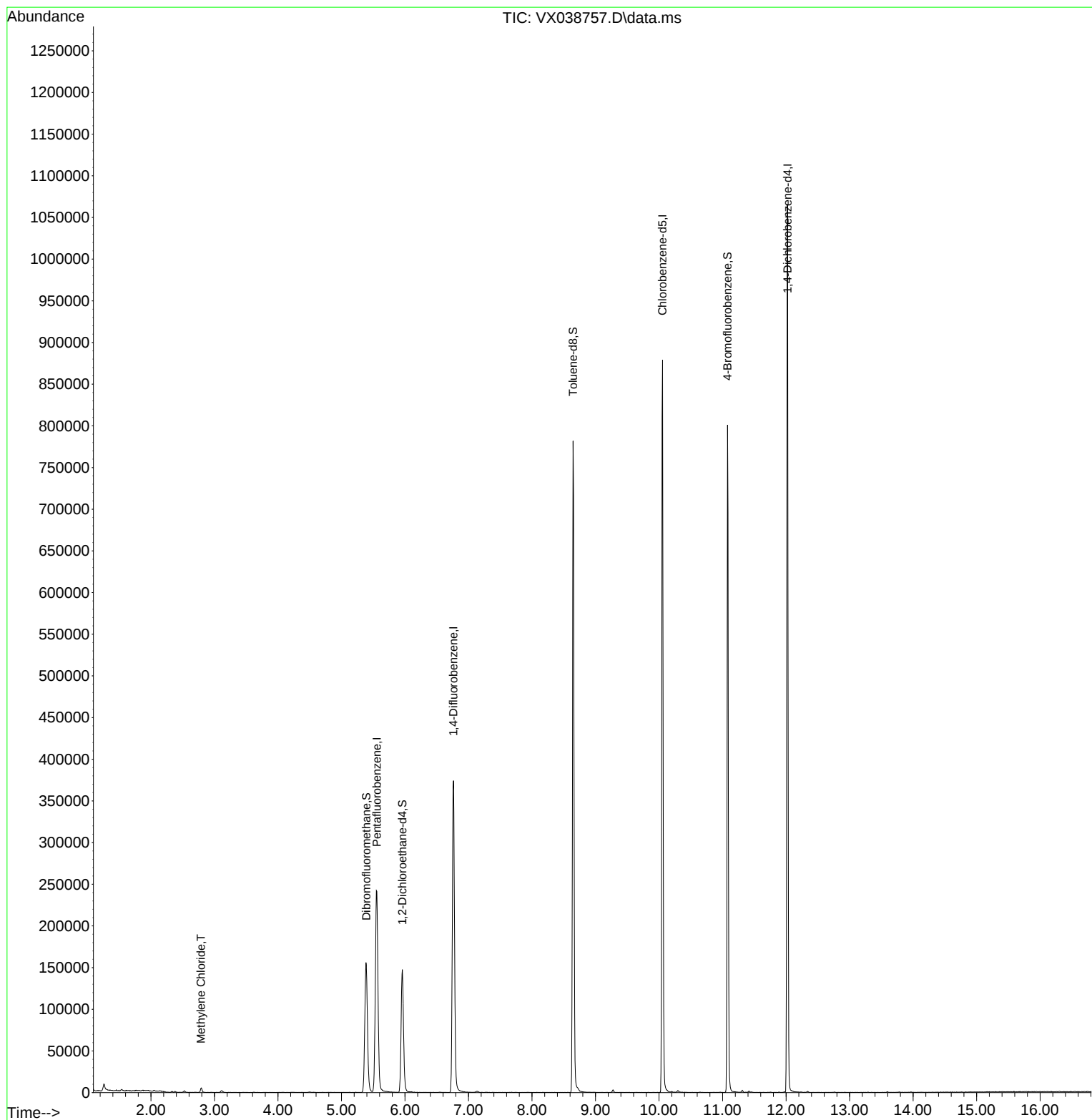
Internal Standards						
1) Pentafluorobenzene	5.556	168	254123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	423675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147487	46.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.240%
35) Dibromofluoromethane	5.391	113	139585	45.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	504942	46.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	217218	51.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.620%
Target Compounds						
20) Methylene Chloride	2.788	84	2823	1.051	ug/l	# 75

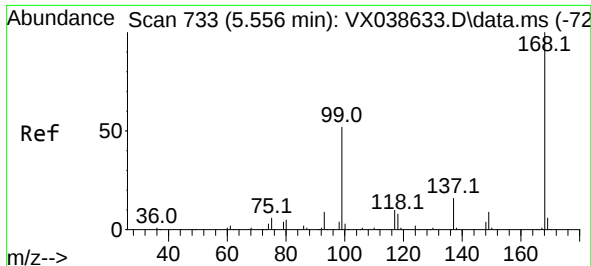
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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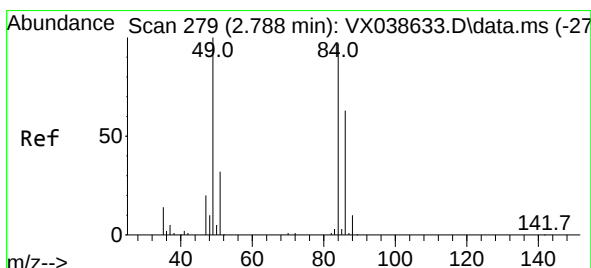
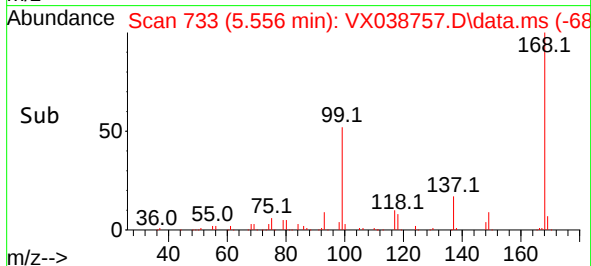
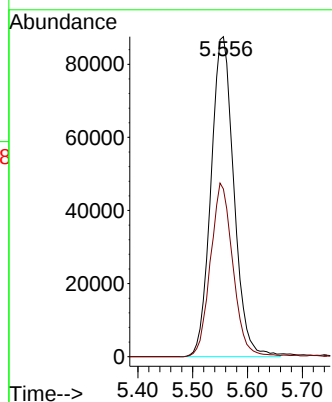
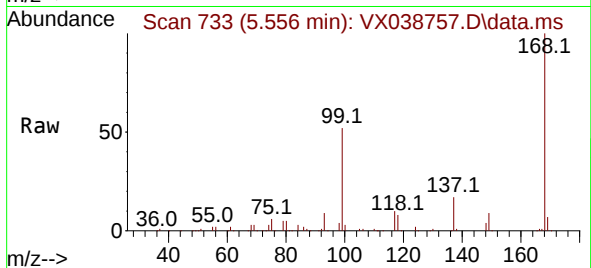




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038757.D
Acq: 11 Nov 2023 04:23

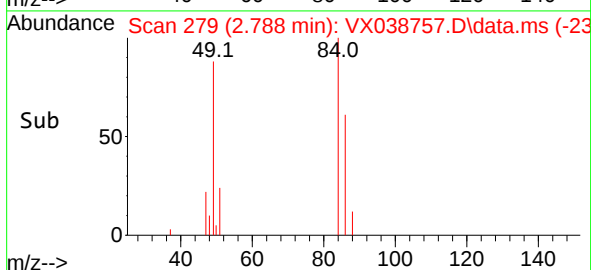
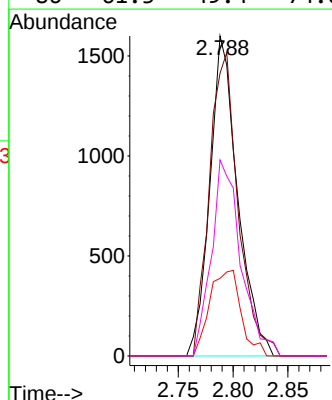
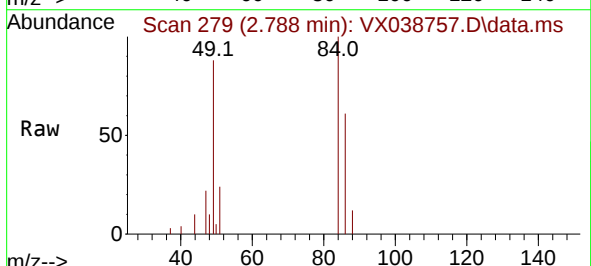
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20231107

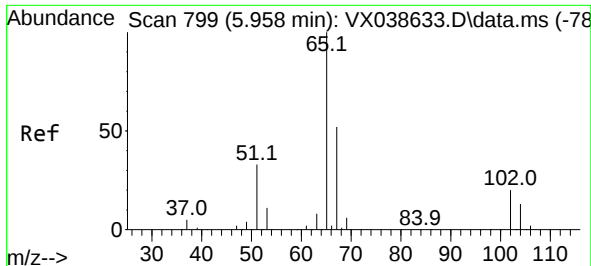
Tgt Ion:168 Resp: 254123
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#20
Methylene Chloride
Concen: 1.051 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038757.D
Acq: 11 Nov 2023 04:23

Tgt Ion: 84 Resp: 2823
Ion Ratio Lower Upper
84 100
49 88.4 103.6 155.4#
51 24.3 33.8 50.6#
86 61.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.618 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038757.D

Acq: 11 Nov 2023 04:23

Instrument :

MSVOA_X

ClientSampleId :

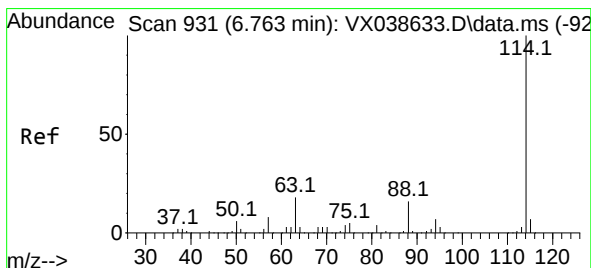
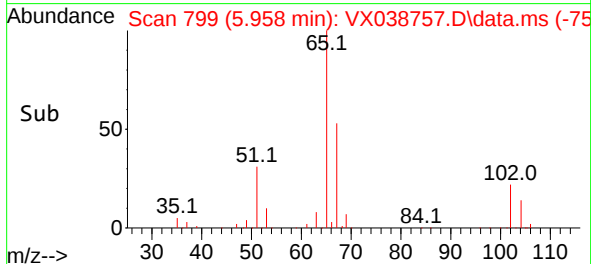
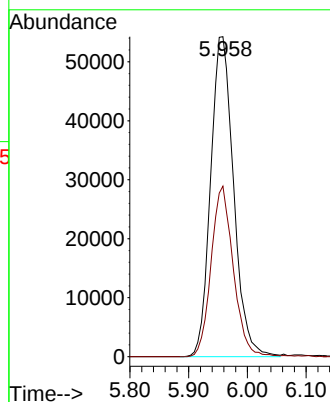
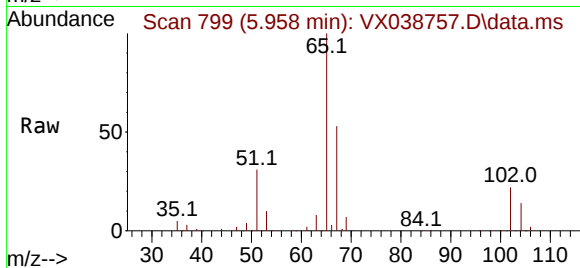
TT14911-20231107

Tgt Ion: 65 Resp: 147487

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: VX038757.D

Acq: 11 Nov 2023 04:23

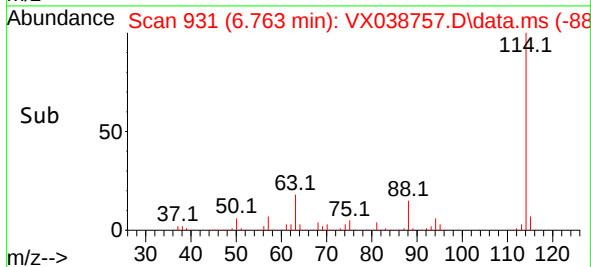
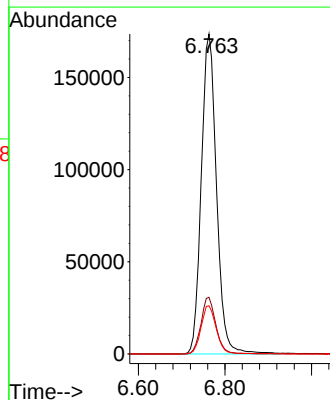
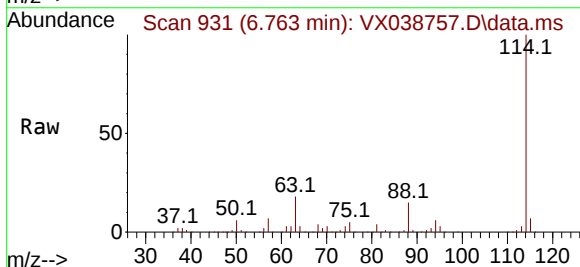
Tgt Ion: 114 Resp: 423675

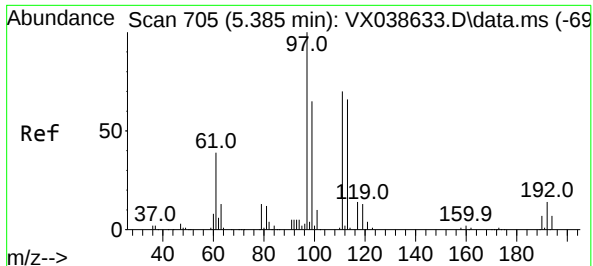
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.744 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038757.D

Acq: 11 Nov 2023 04:23

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20231107

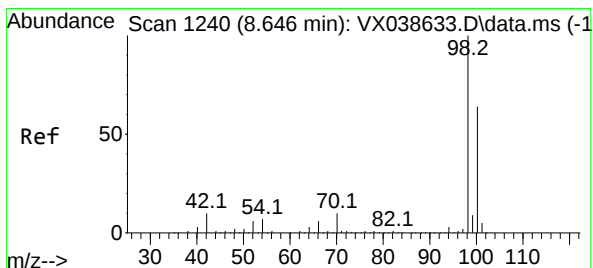
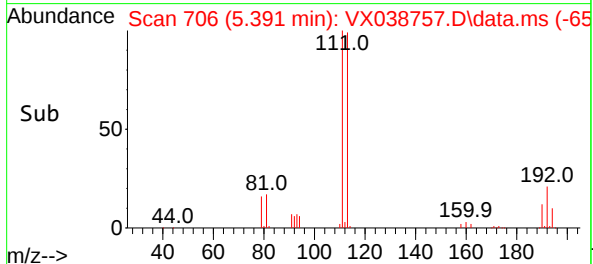
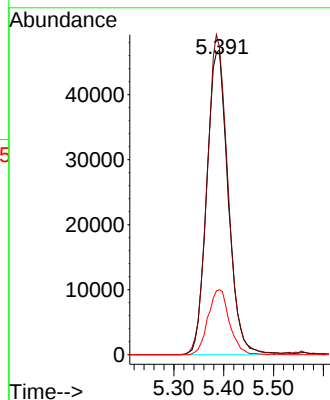
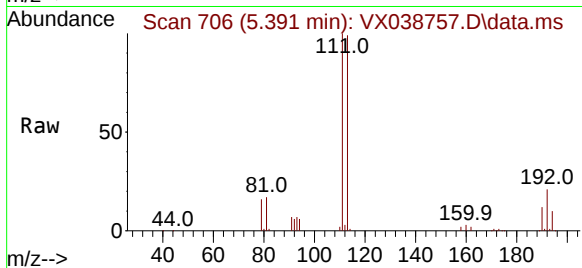
Tgt Ion:113 Resp: 139585

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 21.3 13.3 19.9#



#50

Toluene-d8

Concen: 46.243 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038757.D

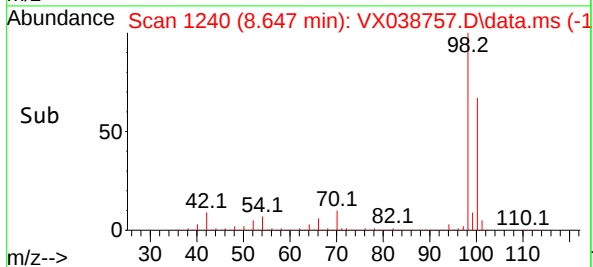
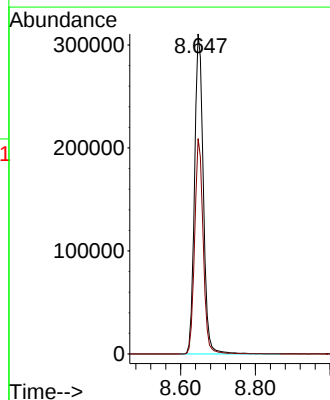
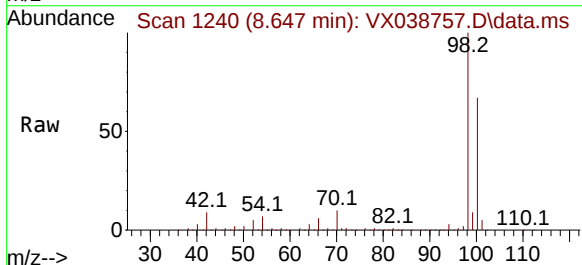
Acq: 11 Nov 2023 04:23

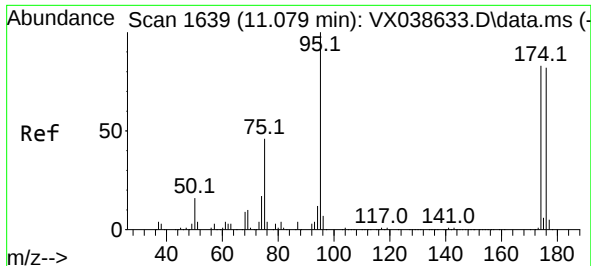
Tgt Ion: 98 Resp: 504942

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7

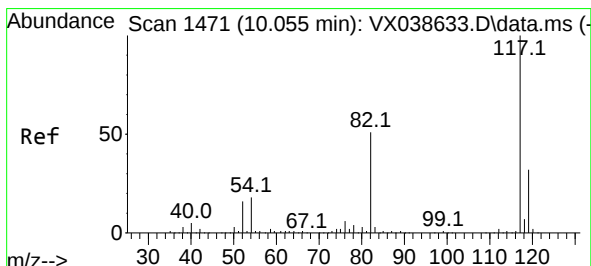
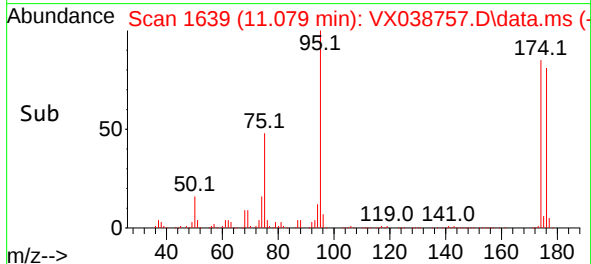
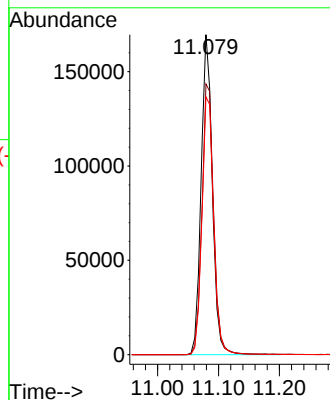
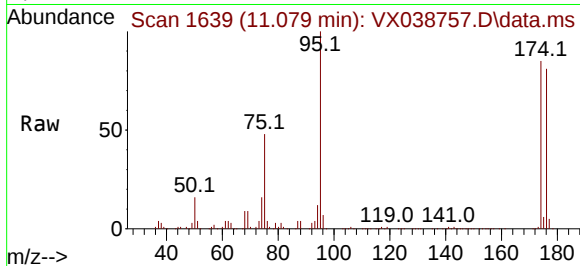




#62
4-Bromofluorobenzene
Concen: 51.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038757.D
Acq: 11 Nov 2023 04:23

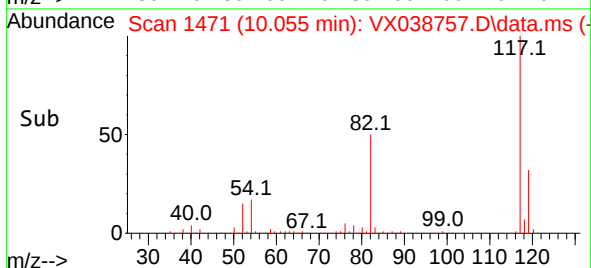
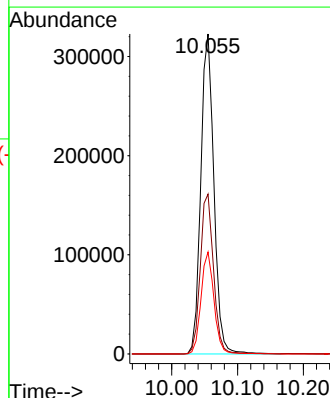
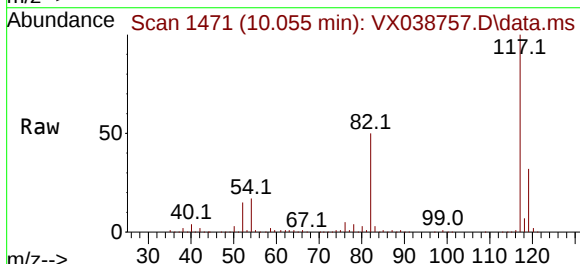
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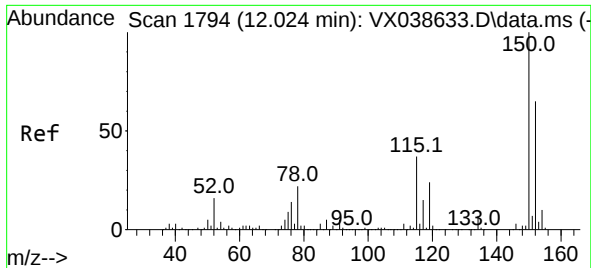
Tgt Ion: 95 Resp: 217218
Ion Ratio Lower Upper
95 100
174 88.9 0.0 135.6
176 84.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038757.D
Acq: 11 Nov 2023 04:23

Tgt Ion: 117 Resp: 447062
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 31.9 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: VX038757.D

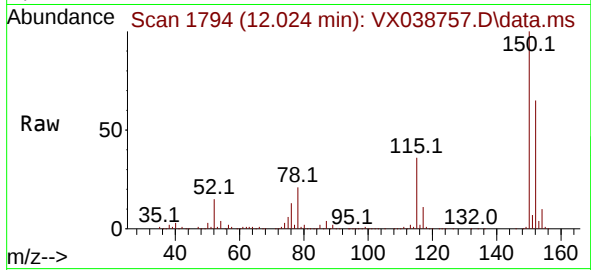
Acq: 11 Nov 2023 04:23

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20231107



Tgt Ion:152 Resp: 259087

Ion Ratio Lower Upper

152 100

115 56.8 43.3 129.9

150 154.2 0.0 345.0

