

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031767.D
 Acq On : 29 Sep 2022 12:50
 Operator : JC/MD
 Sample : N4863-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Sep 30 04:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

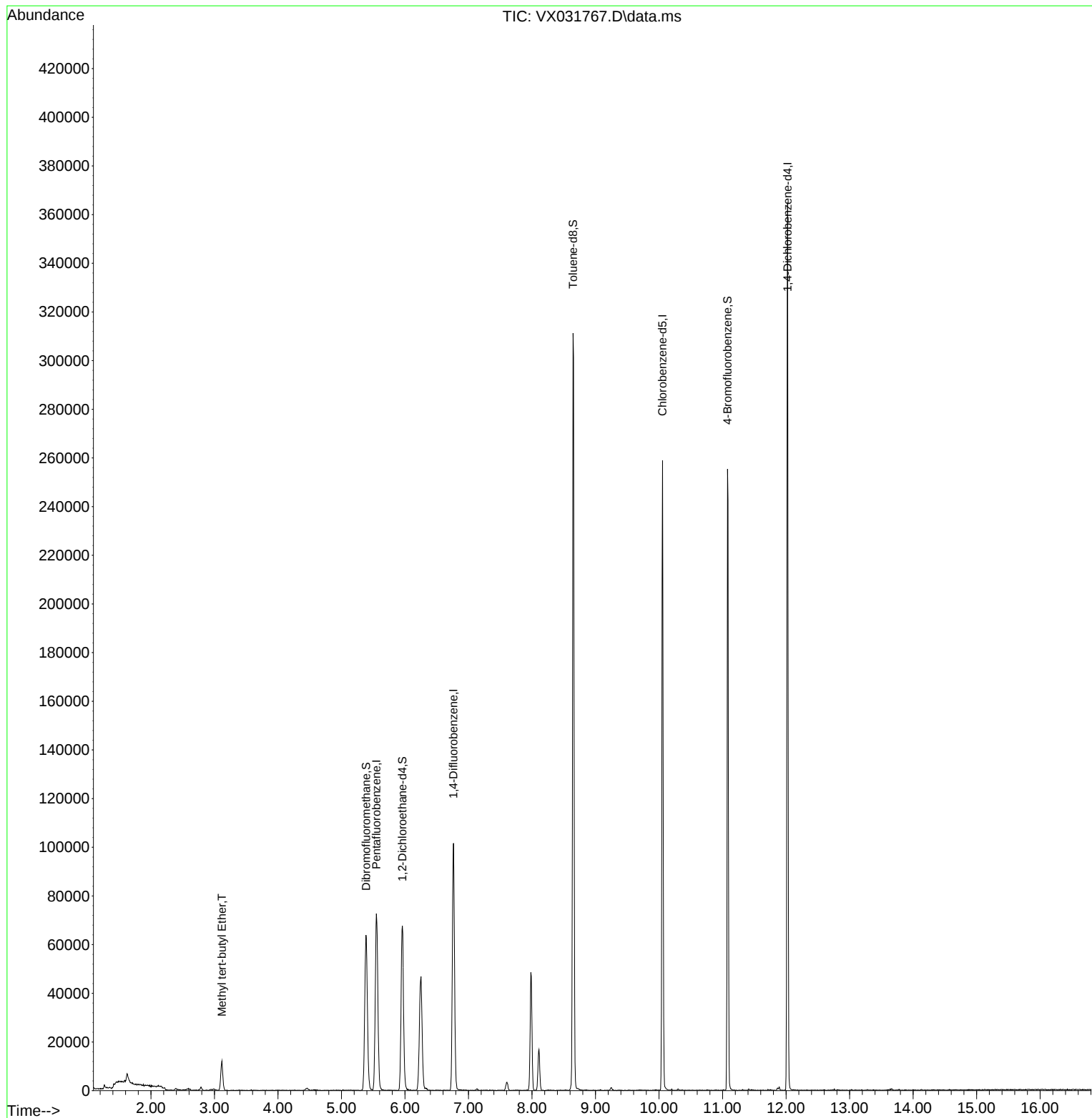
Internal Standards						
1) Pentafluorobenzene	5.549	168	68898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65139	44.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.100%
35) Dibromofluoromethane	5.385	113	54754	43.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.000%
50) Toluene-d8	8.646	98	190939	41.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.720%#
62) 4-Bromofluorobenzene	11.079	95	64801	38.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.600%#
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	12965	3.986	ug/l	99

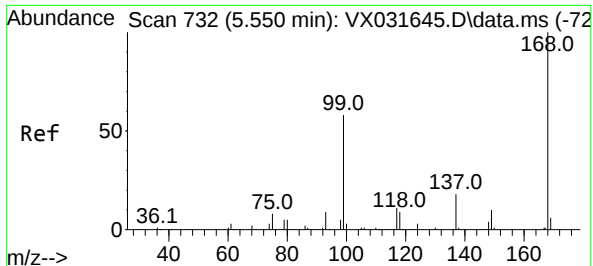
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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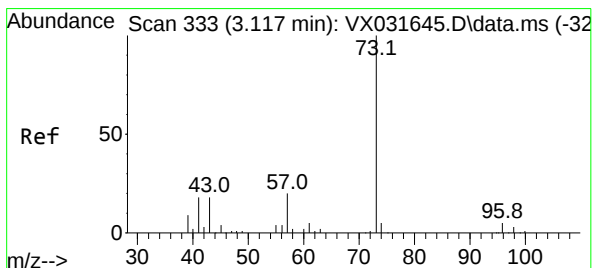
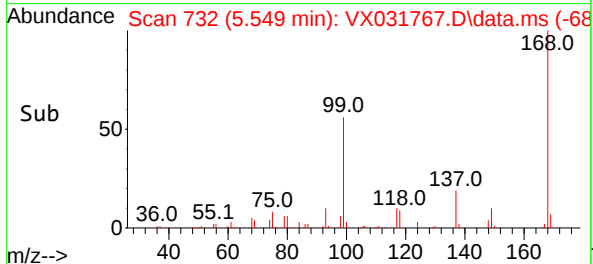
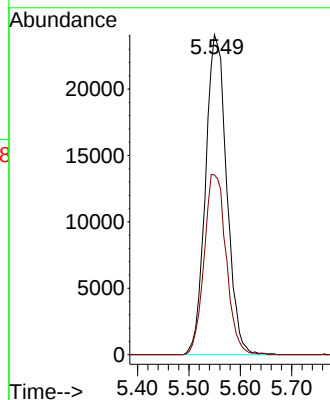
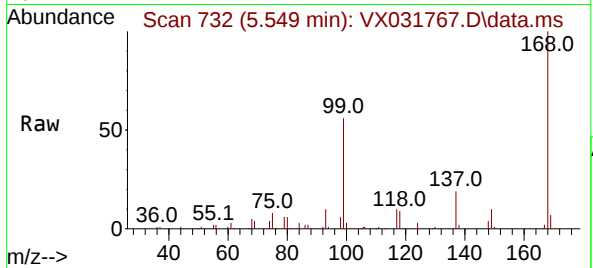




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.007 min
Lab File: VX031767.D
Acq: 29 Sep 2022 12:50

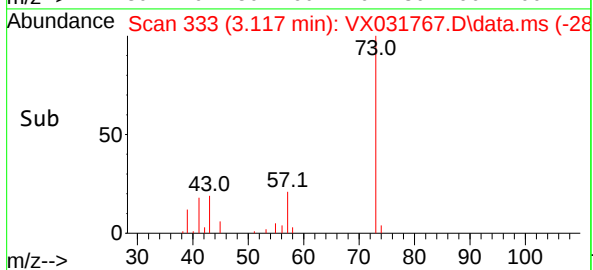
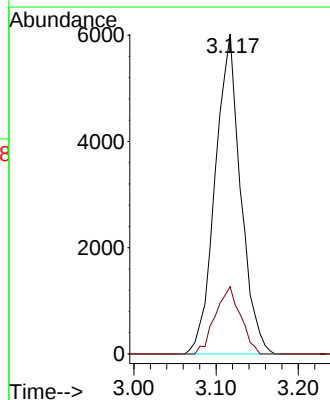
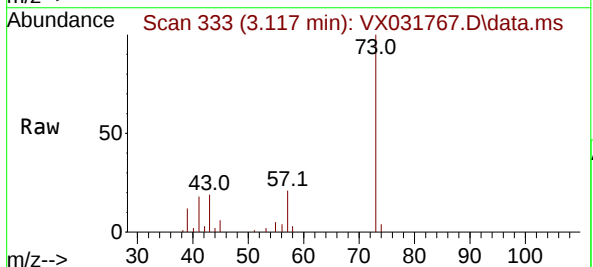
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

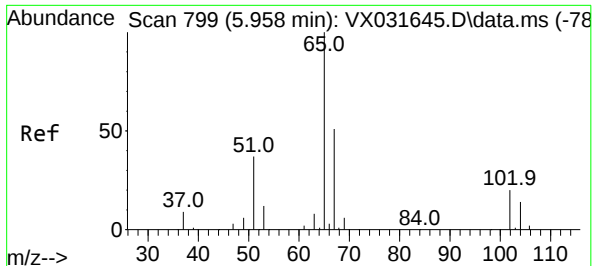
Tgt Ion:168 Resp: 68898
Ion Ratio Lower Upper
168 100
99 56.2 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 3.986 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031767.D
Acq: 29 Sep 2022 12:50

Tgt Ion: 73 Resp: 12965
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 44.546 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031767.D

Acq: 29 Sep 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

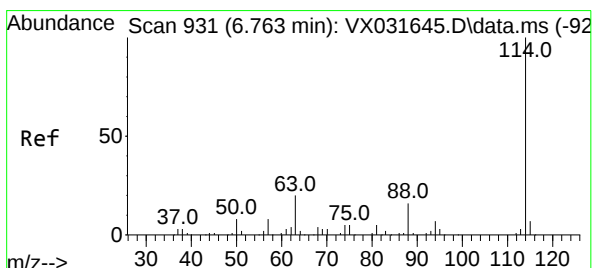
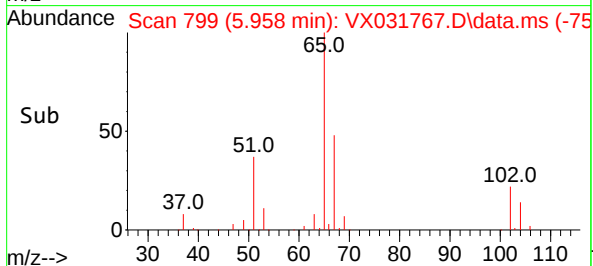
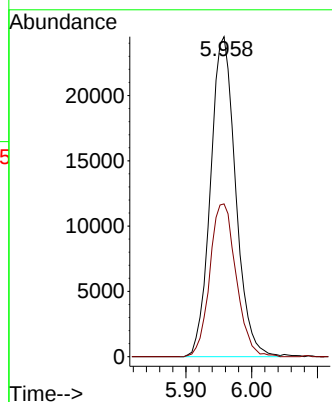
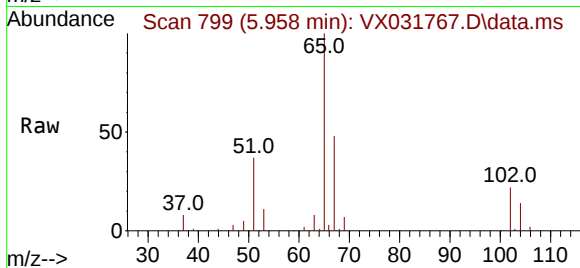
MW-2R

Tgt Ion: 65 Resp: 65139

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031767.D

Acq: 29 Sep 2022 12:50

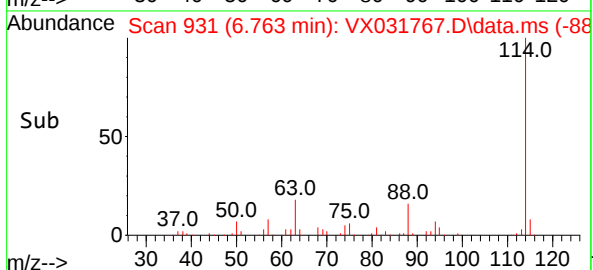
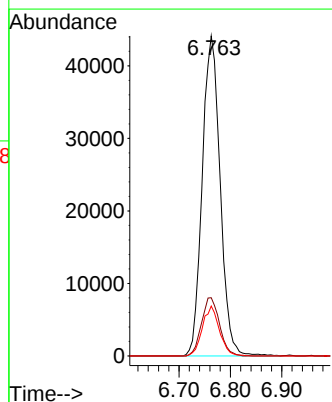
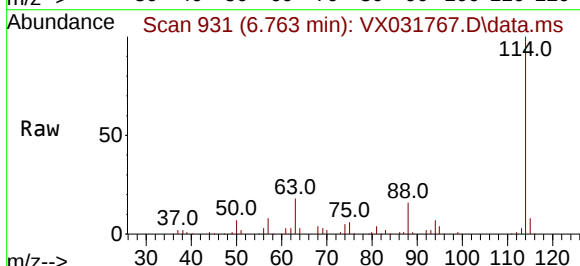
Tgt Ion: 114 Resp: 106862

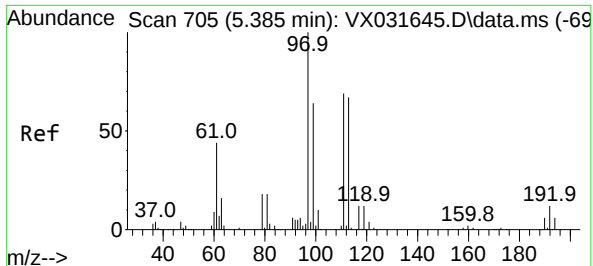
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 15.6 0.0 33.0

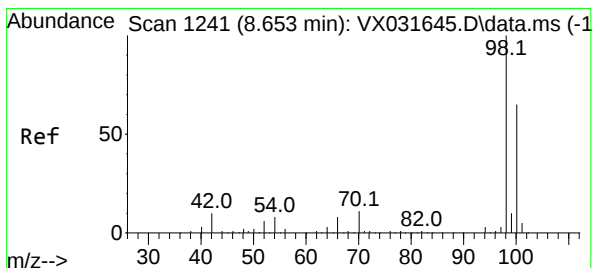
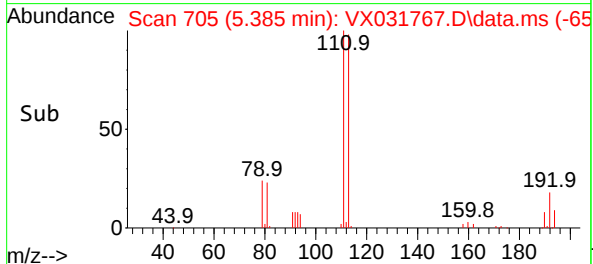
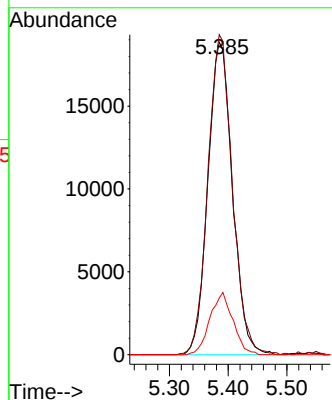
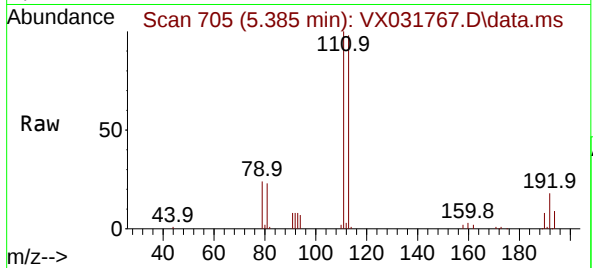




#35
Dibromofluoromethane
Concen: 43.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031767.D
Acq: 29 Sep 2022 12:50

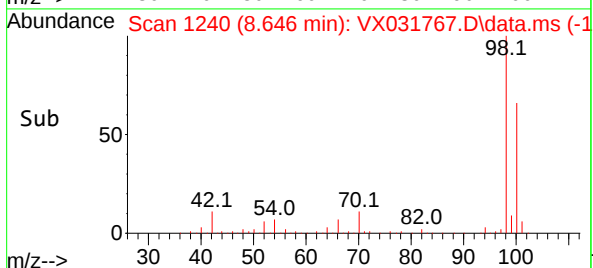
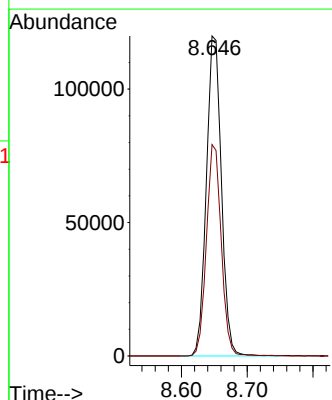
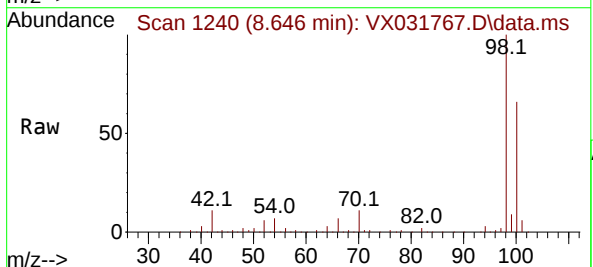
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

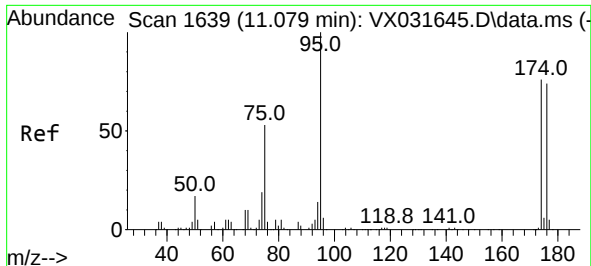
Tgt Ion:113 Resp: 54754
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.7 14.1 21.1



#50
Toluene-d8
Concen: 41.363 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX031767.D
Acq: 29 Sep 2022 12:50

Tgt Ion: 98 Resp: 190939
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 38.300 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031767.D

Acq: 29 Sep 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

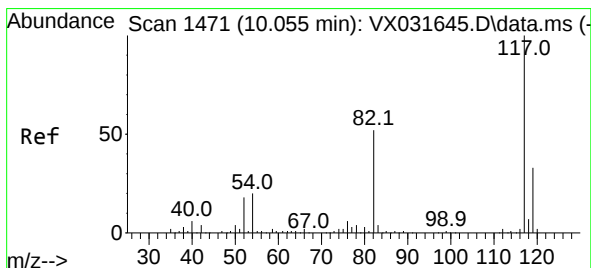
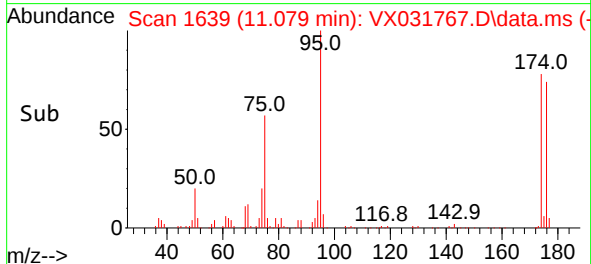
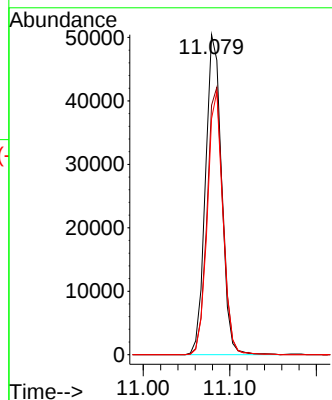
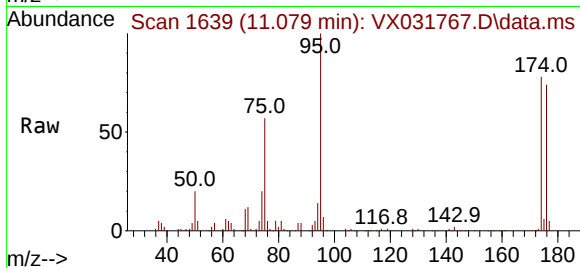
Tgt Ion: 95 Resp: 64801

Ion Ratio Lower Upper

95 100

174 83.4 0.0 153.2

176 79.7 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: VX031767.D

Acq: 29 Sep 2022 12:50

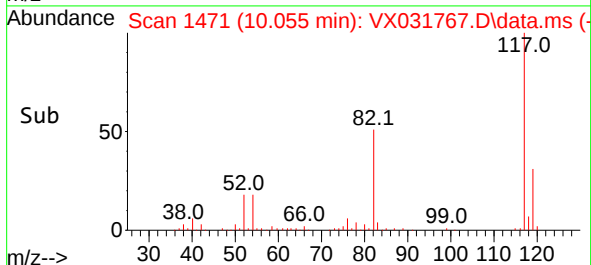
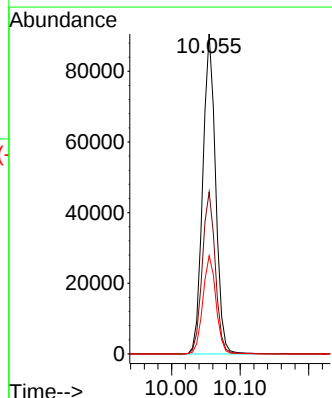
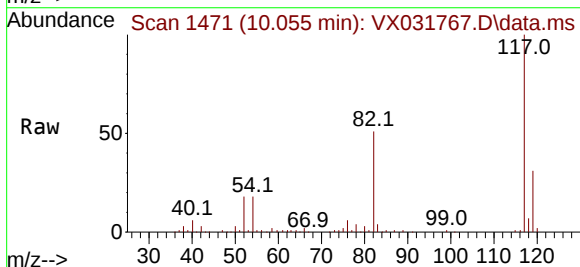
Tgt Ion: 117 Resp: 118471

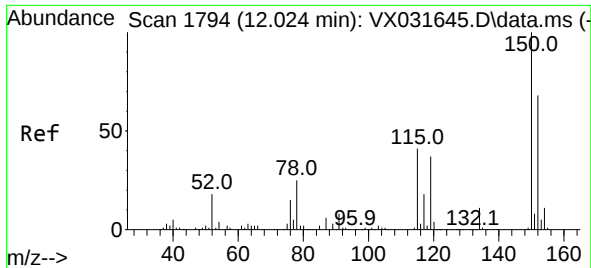
Ion Ratio Lower Upper

117 100

82 50.7 46.8 70.2

119 30.7 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: VX031767.D

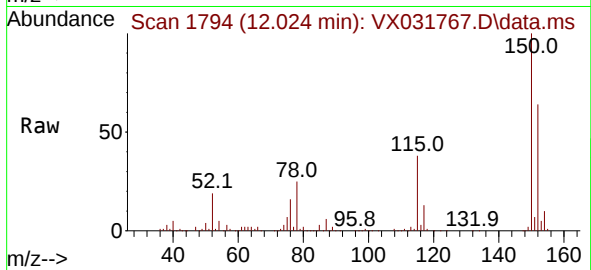
Acq: 29 Sep 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

MW-2R



Tgt Ion:152 Resp: 72499

Ion Ratio Lower Upper

152 100

115 61.7 43.4 130.1

150 159.9 0.0 346.8

