

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031174.D
 Acq On : 07 Sep 2022 21:09
 Operator : JC/MD
 Sample : N4357-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220822RE

Quant Time: Sep 07 23:27:21 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)

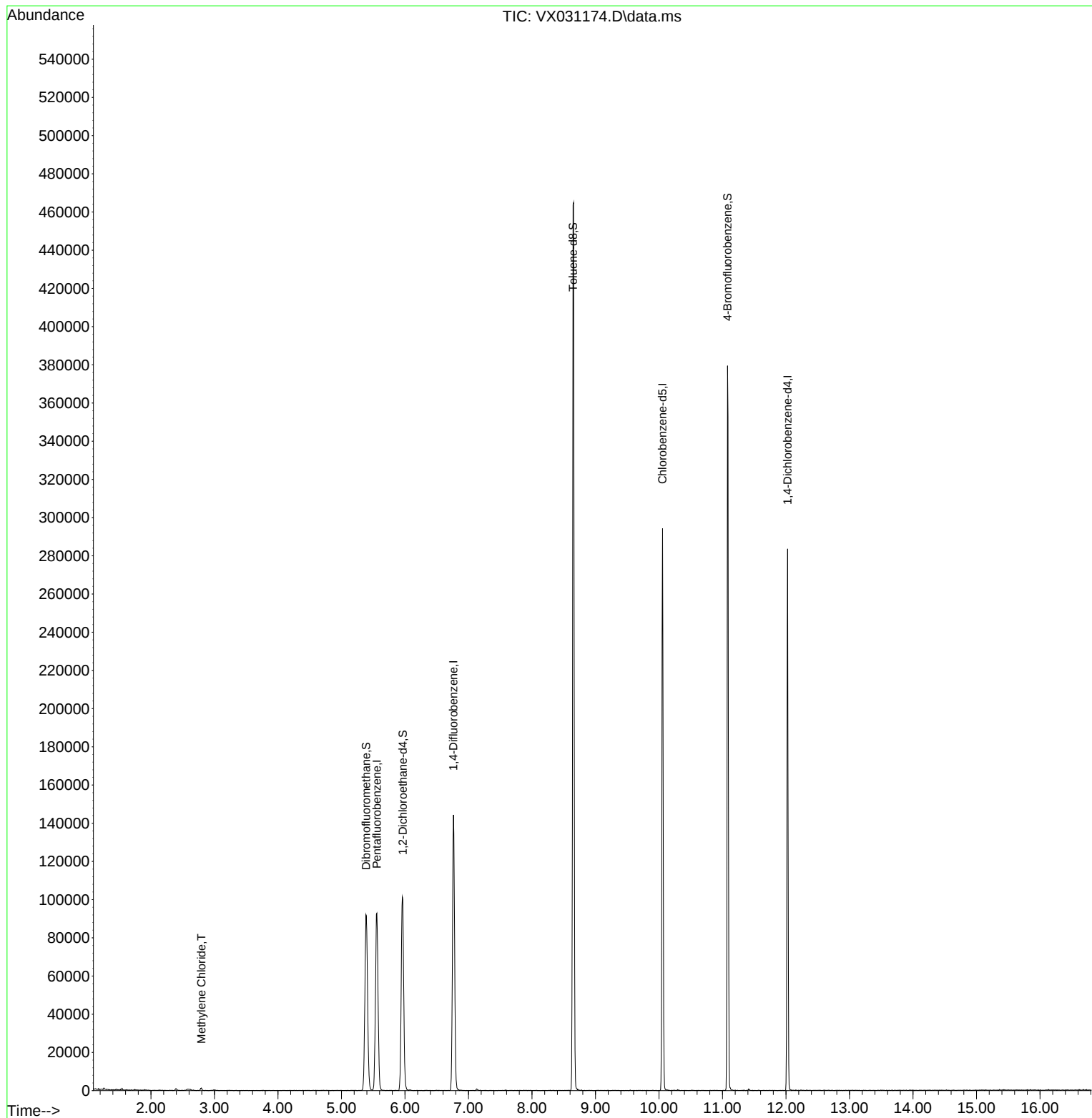
Internal Standards						
1) Pentafluorobenzene	5.556	168	82175	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109246	56.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.300%
35) Dibromofluoromethane	5.385	113	83861	52.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.480%
50) Toluene-d8	8.647	98	279455	48.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	106091	50.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%
Target Compounds						
20) Methylene Chloride	2.794	84	682	0.431	ug/l	# 71

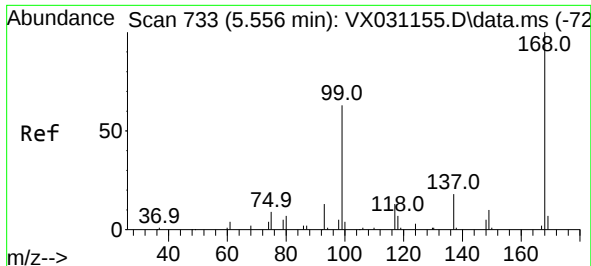
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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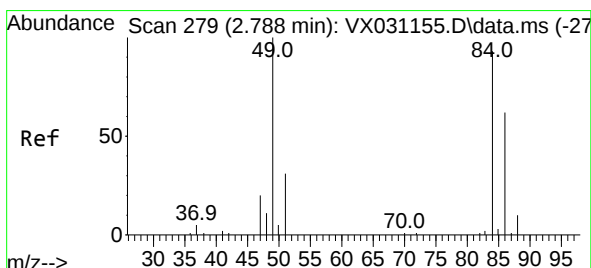
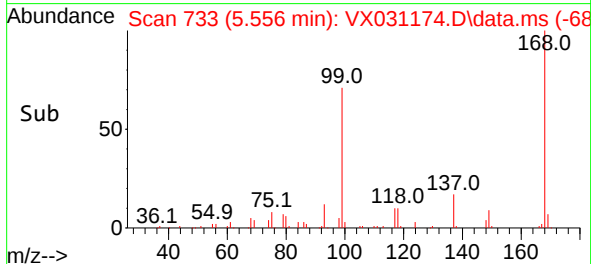
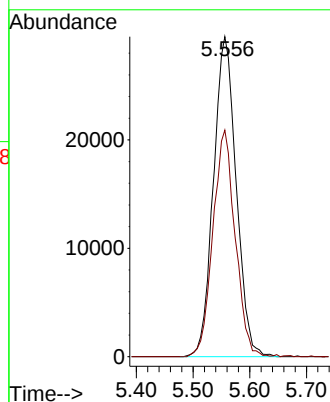
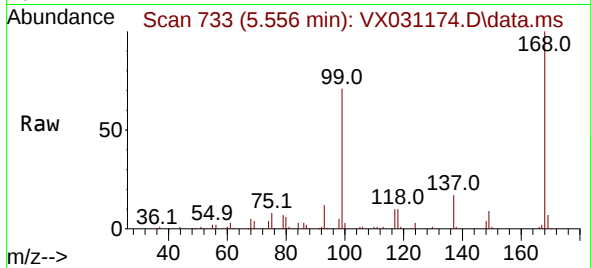




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031174.D
Acq: 07 Sep 2022 21:09

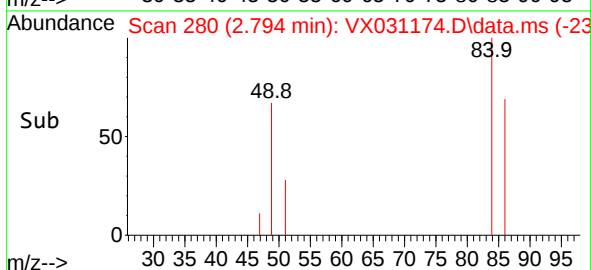
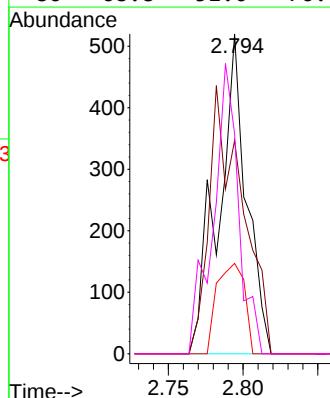
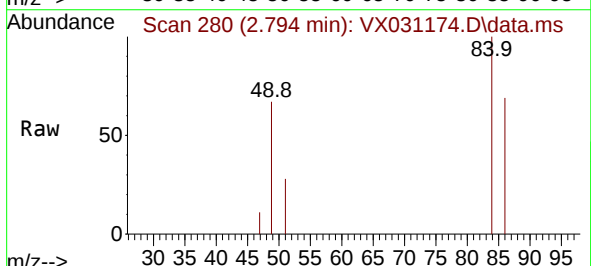
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822RE

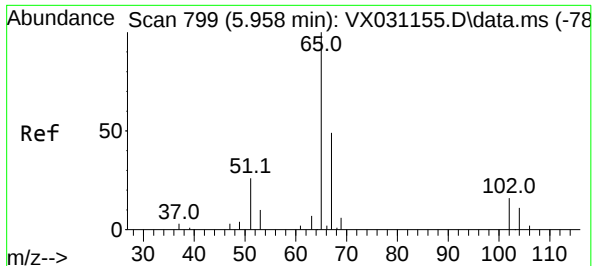
Tgt Ion:168 Resp: 82175
Ion Ratio Lower Upper
168 100
99 70.8 44.0 66.0#



#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031174.D
Acq: 07 Sep 2022 21:09

Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 66.7 93.8 140.6#
51 28.3 29.4 44.0#
86 68.8 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 56.152 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031174.D

Acq: 07 Sep 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

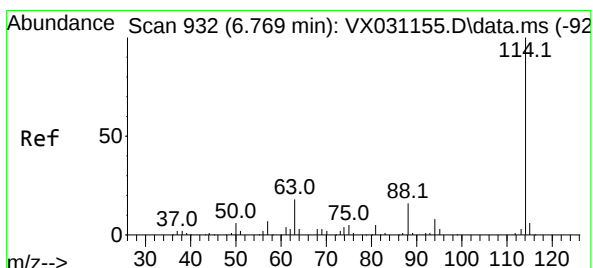
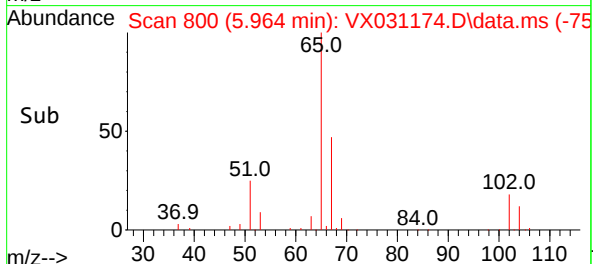
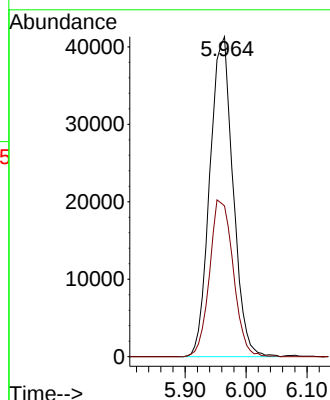
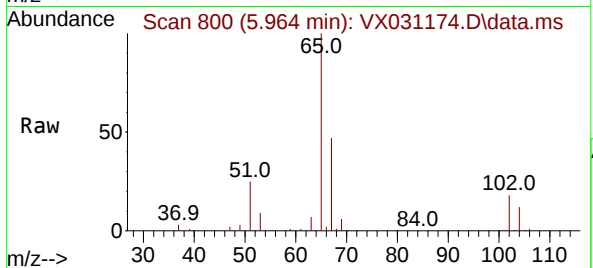
TB04-20220822RE

Tgt Ion: 65 Resp: 109246

Ion Ratio Lower Upper

65 100

67 50.1 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: VX031174.D

Acq: 07 Sep 2022 21:09

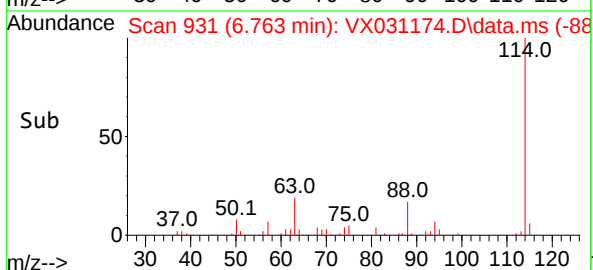
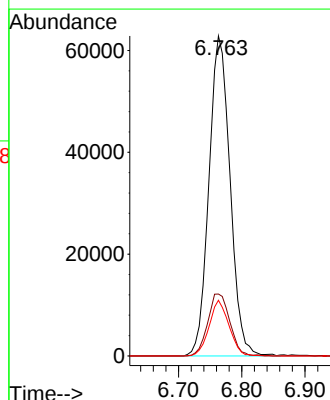
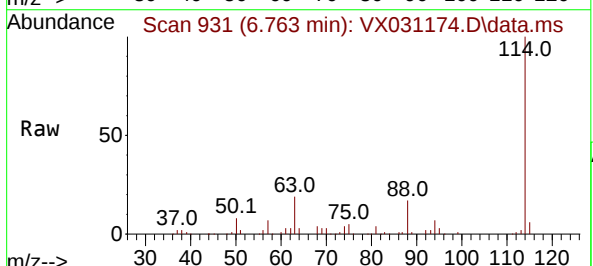
Tgt Ion: 114 Resp: 145927

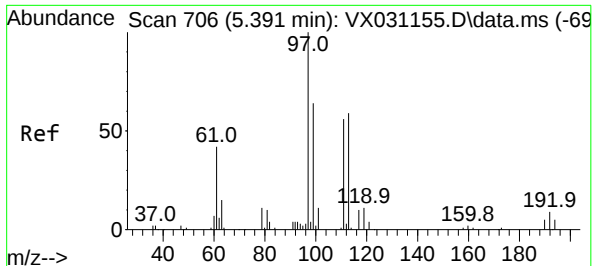
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 17.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.736 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031174.D

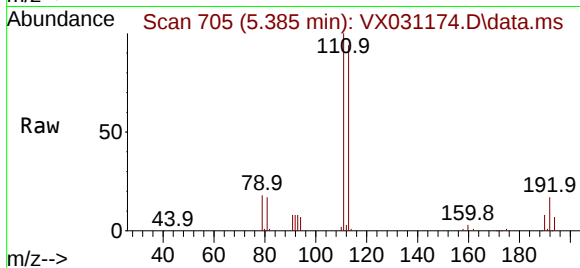
Acq: 07 Sep 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

TB04-20220822RE



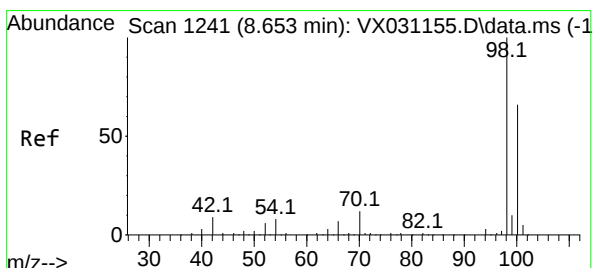
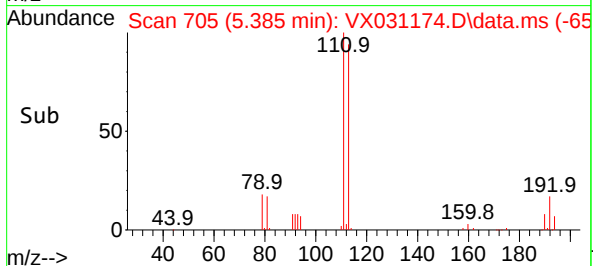
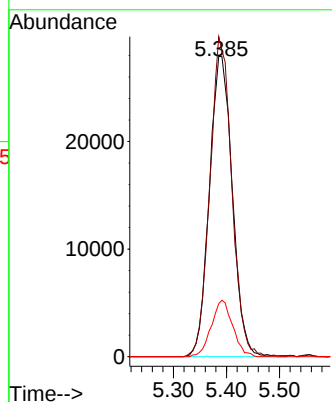
Tgt Ion:113 Resp: 83861

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 17.5 14.8 22.2



#50

Toluene-d8

Concen: 48.369 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031174.D

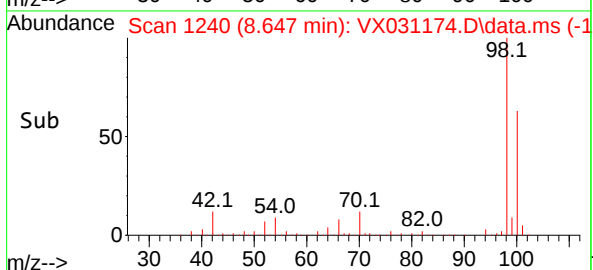
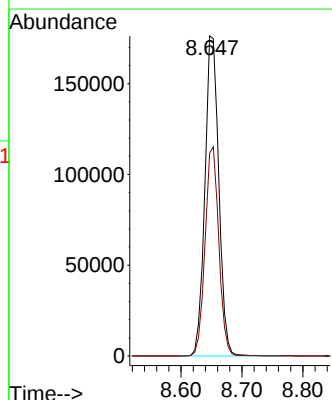
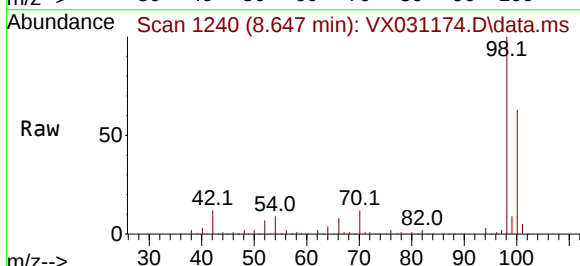
Acq: 07 Sep 2022 21:09

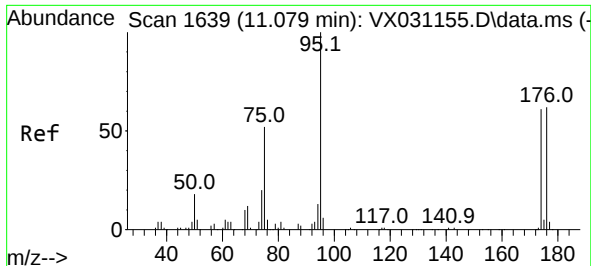
Tgt Ion: 98 Resp: 279455

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 50.107 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031174.D

Acq: 07 Sep 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

TB04-20220822RE

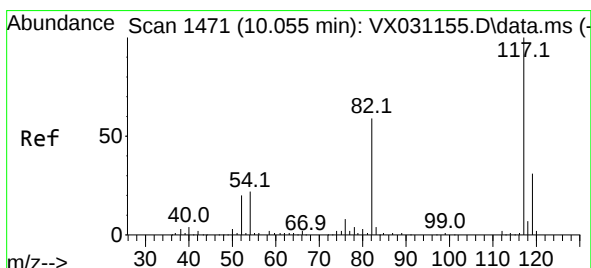
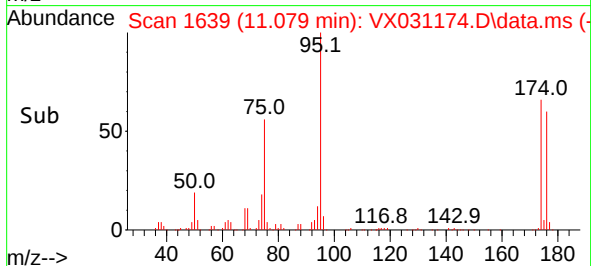
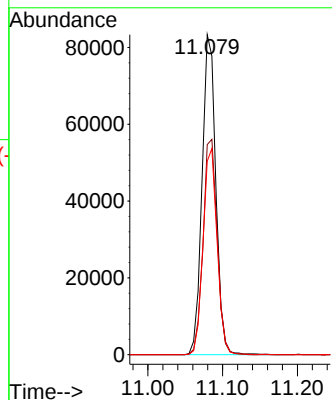
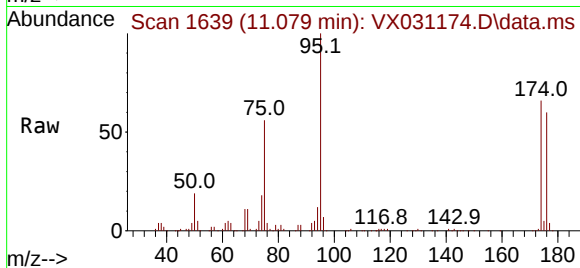
Tgt Ion: 95 Resp: 106091

Ion Ratio Lower Upper

95 100

174 69.5 0.0 149.0

176 65.7 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: VX031174.D

Acq: 07 Sep 2022 21:09

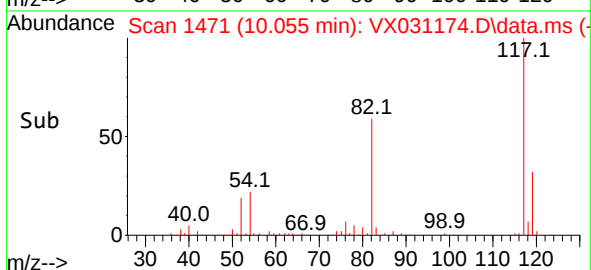
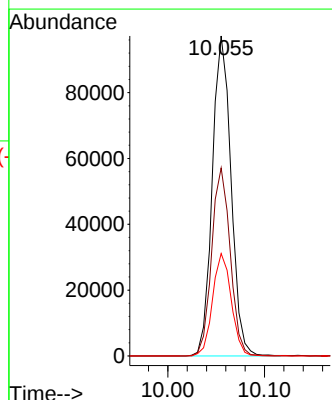
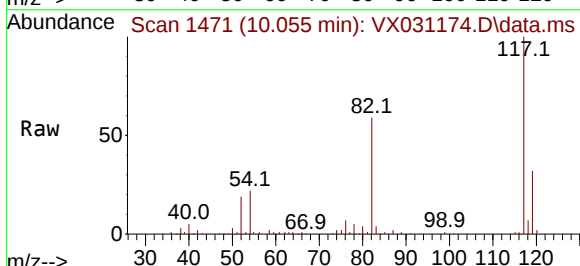
Tgt Ion: 117 Resp: 131087

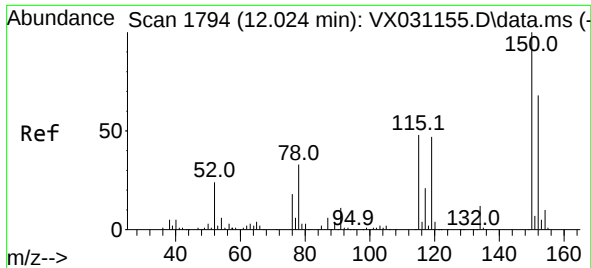
Ion Ratio Lower Upper

117 100

82 58.7 42.7 64.1

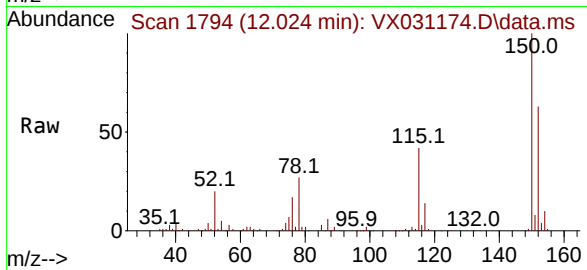
119 32.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031174.D
 Acq: 07 Sep 2022 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220822RE



Tgt Ion:152 Resp: 54408
 Ion Ratio Lower Upper
 152 100
 115 66.0 40.5 121.5
 150 157.2 0.0 347.0

