

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032854.D
 Acq On : 16 Nov 2022 08:30
 Operator : JC/MD
 Sample : N5640-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Nov 16 09:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

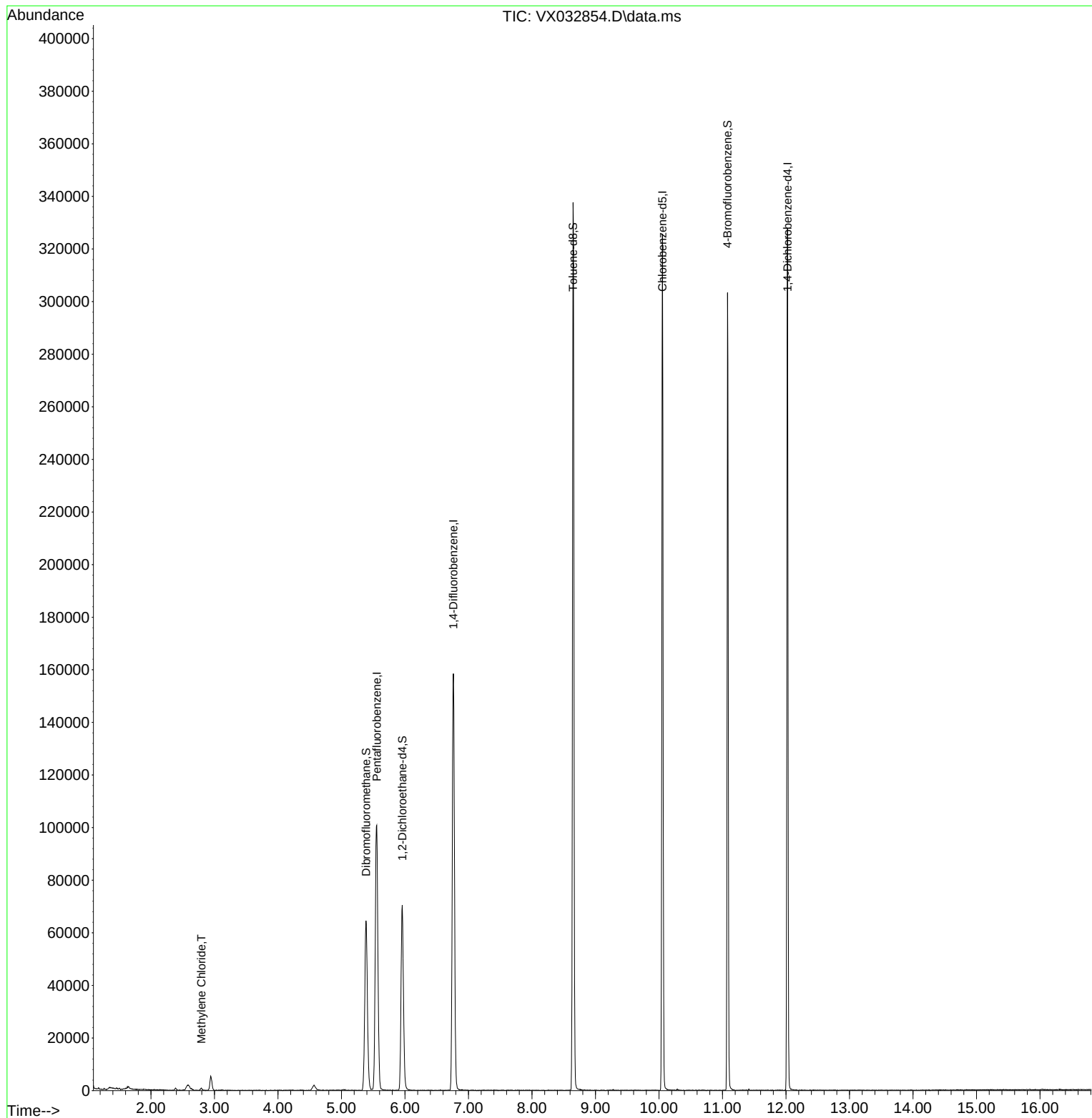
Internal Standards						
1) Pentafluorobenzene	5.556	168	97938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70013	51.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.900%
35) Dibromofluoromethane	5.385	113	56117	48.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.646	98	201318	49.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	75689	47.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	404	0.356	ug/l	87

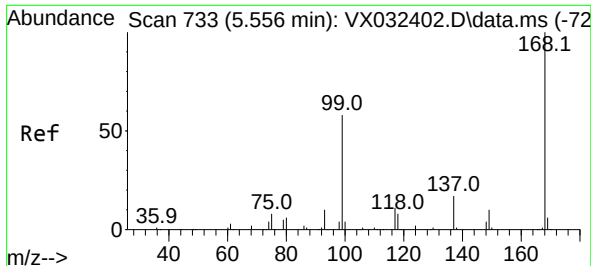
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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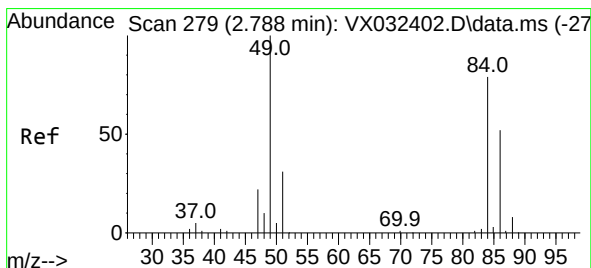
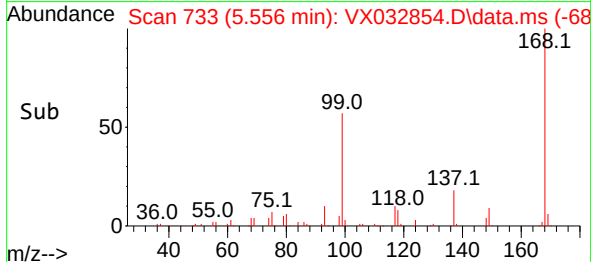
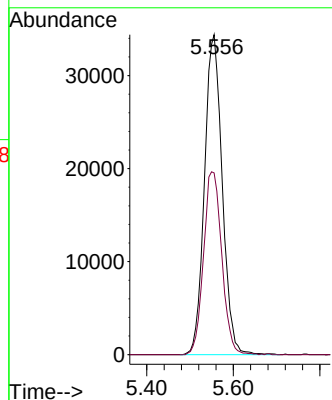
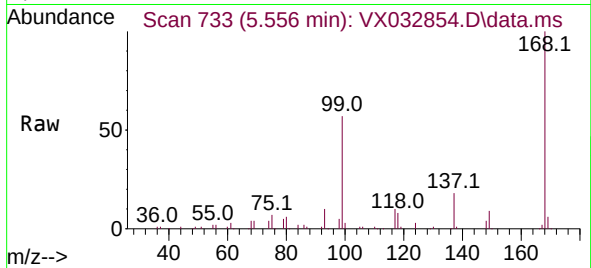




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

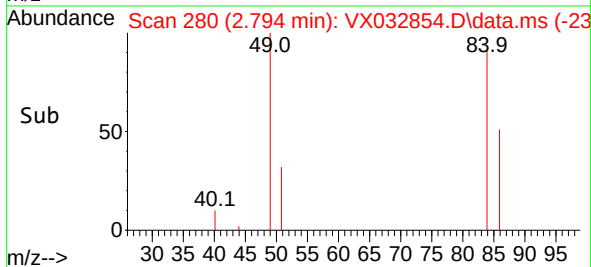
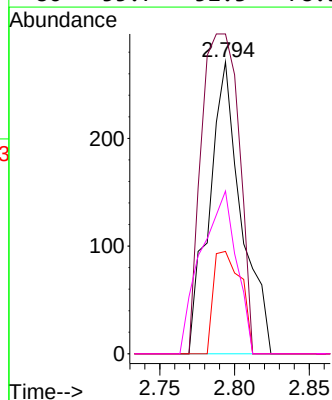
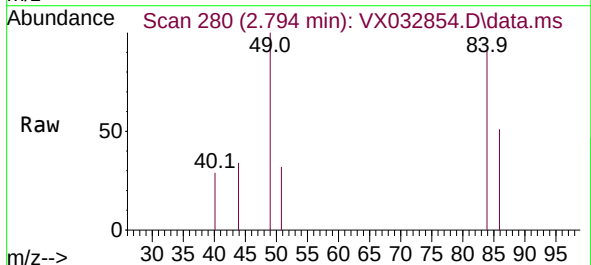
Instrument :
MSVOA_X
ClientSampleId :
MW-1

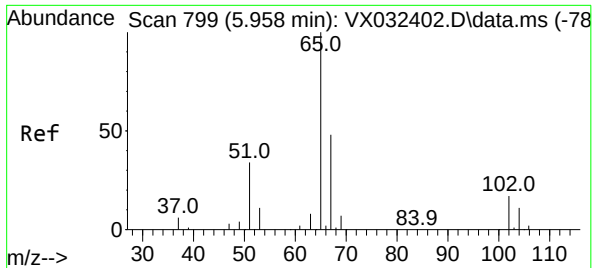
Tgt Ion:168 Resp: 97938
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion: 84 Resp: 404
Ion Ratio Lower Upper
84 100
49 109.6 101.0 151.6
51 35.1 31.1 46.7
86 55.7 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 51.449 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

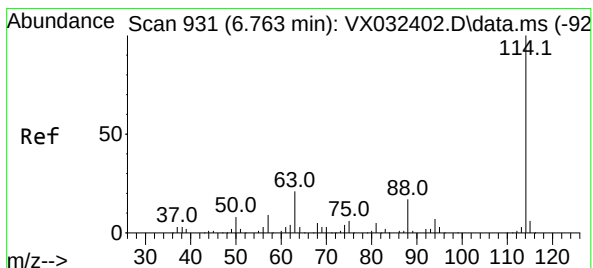
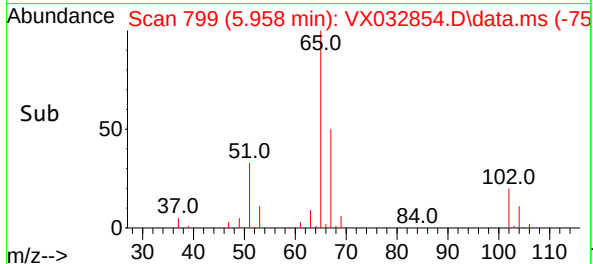
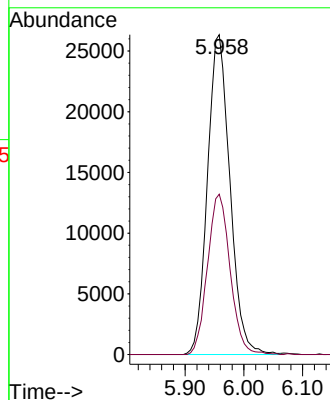
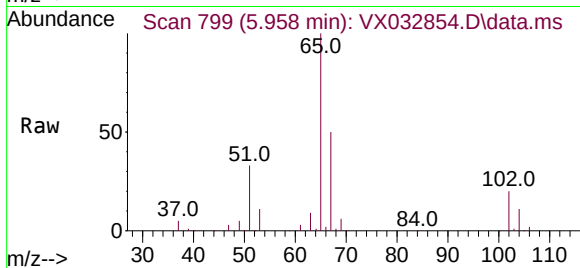
MW-1

Tgt Ion: 65 Resp: 70013

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

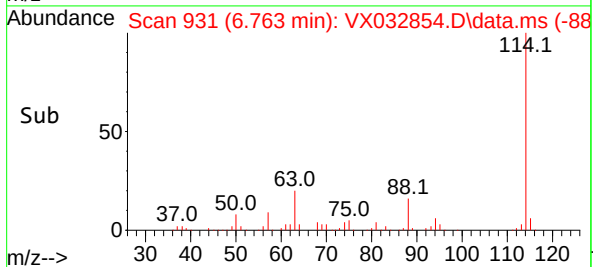
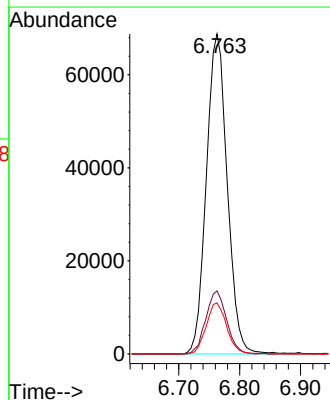
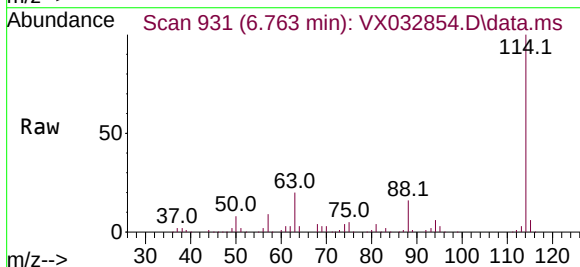
Tgt Ion: 114 Resp: 163618

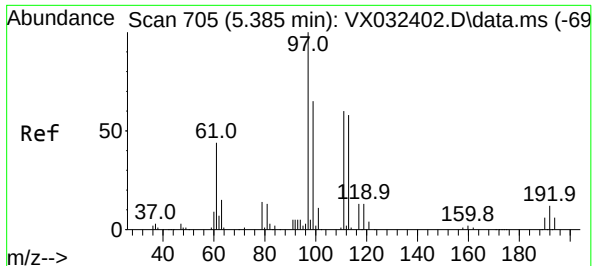
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.082 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

MW-1

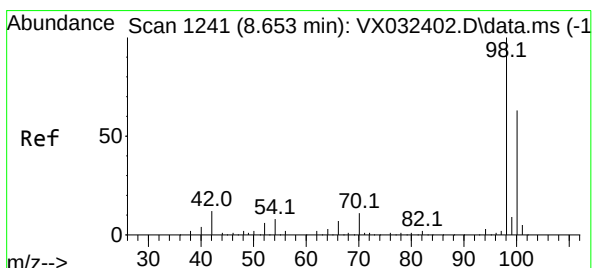
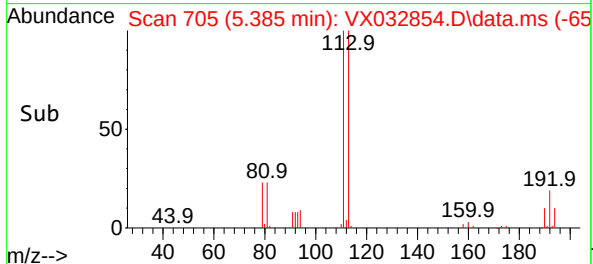
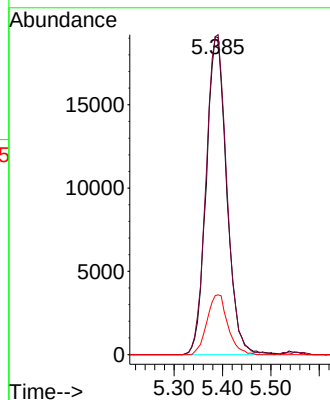
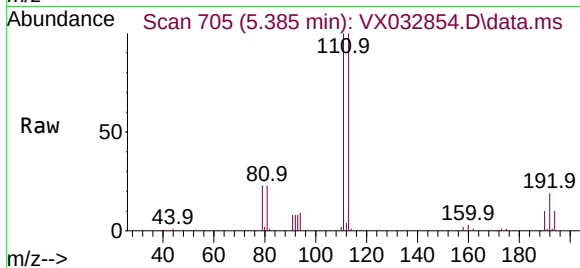
Tgt Ion:113 Resp: 56117

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 19.0 15.4 23.2



#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032854.D

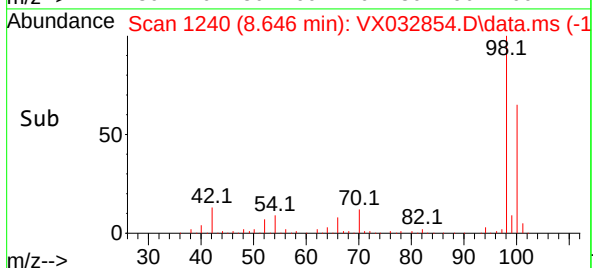
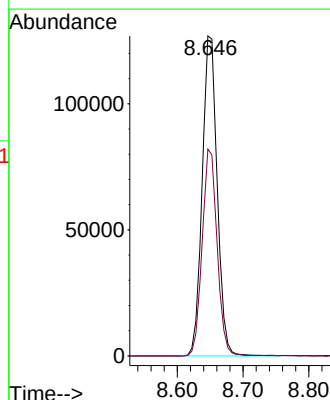
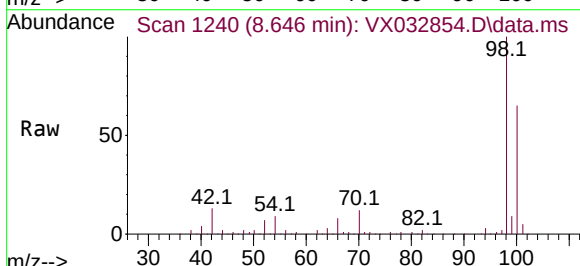
Acq: 16 Nov 2022 08:30

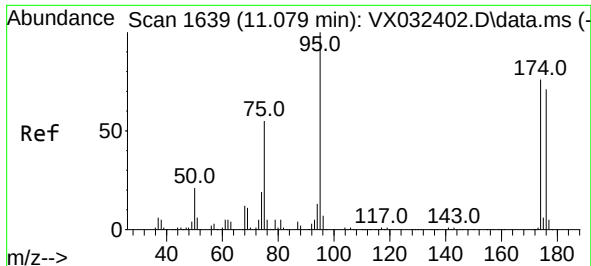
Tgt Ion: 98 Resp: 201318

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.746 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

MW-1

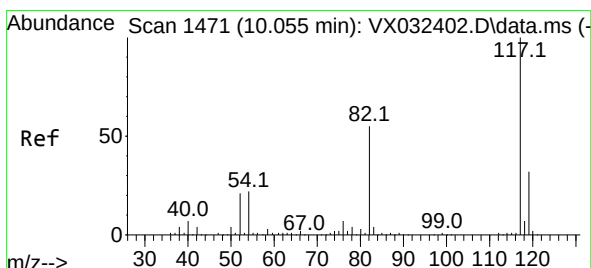
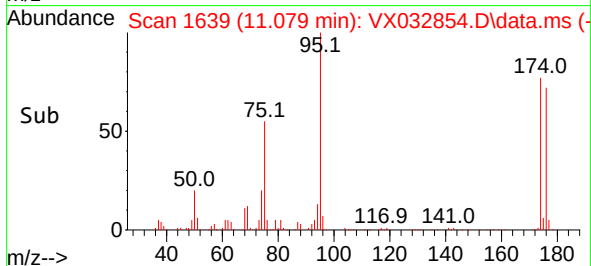
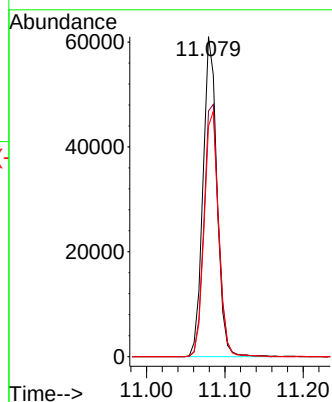
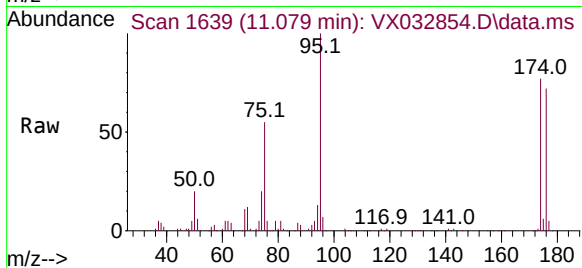
Tgt Ion: 95 Resp: 75689

Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

176 78.9 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

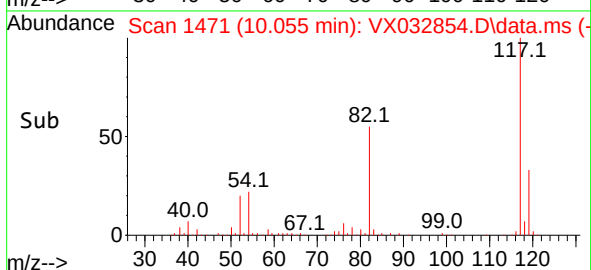
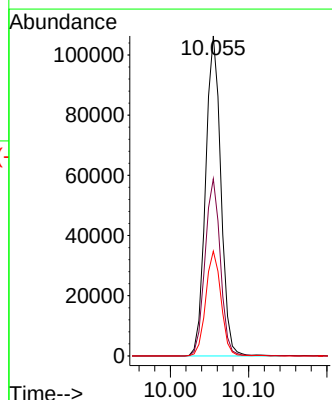
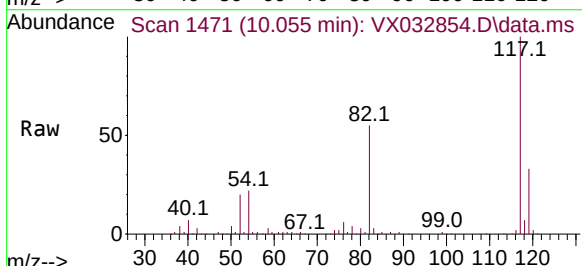
Tgt Ion: 117 Resp: 144342

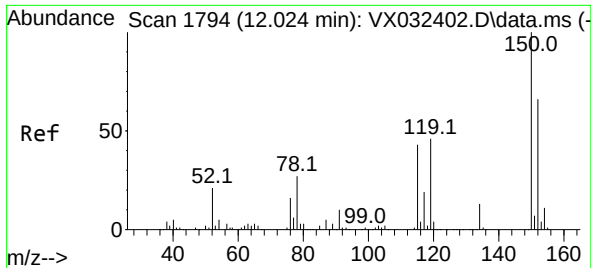
Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

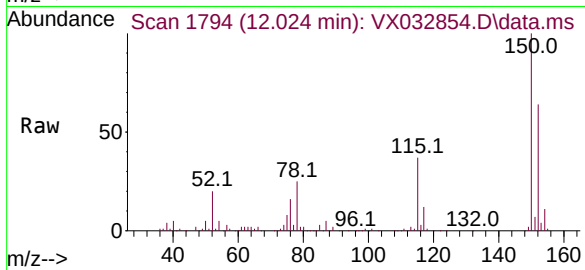
119 32.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032854.D
 Acq: 16 Nov 2022 08:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1



Tgt Ion:152 Resp: 65809
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.0 132.0
 150 156.9 0.0 351.8

