

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031215.D
 Acq On : 08 Sep 2022 16:40
 Operator : JC/MD
 Sample : N4505-01ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31181ME

Quant Time: Sep 08 18:40:41 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)

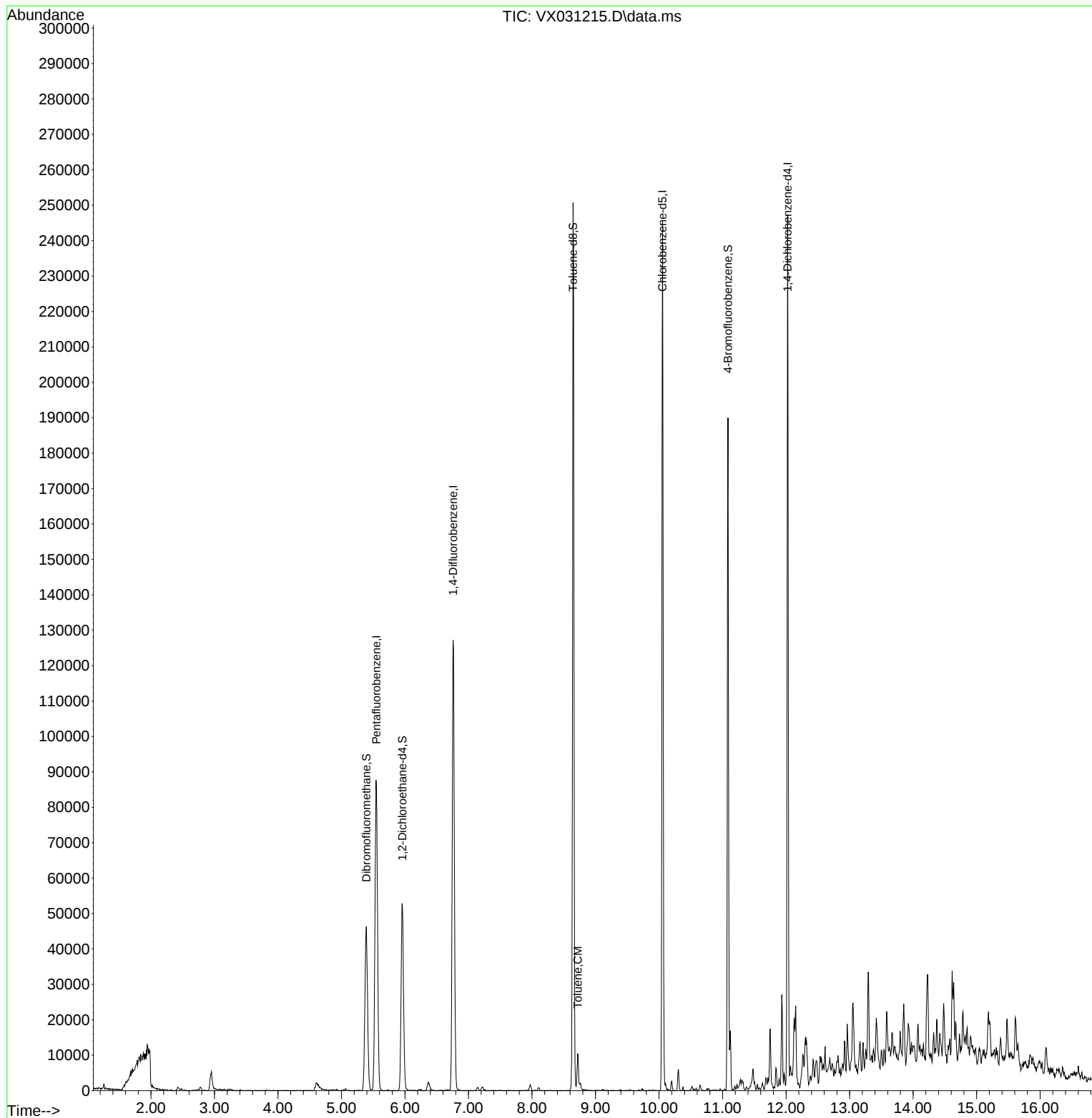
Internal Standards						
1) Pentafluorobenzene	5.550	168	73196	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	125141	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	107193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59021	34.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	68.120%#
35) Dibromofluoromethane	5.391	113	40126	29.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	58.840%#
50) Toluene-d8	8.647	98	141794	28.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	57.240%#
62) 4-Bromofluorobenzene	11.085	95	54456	29.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	59.980%#
Target Compounds						
52) Toluene	8.720	92	4054	1.108	ug/l	Qvalue 96

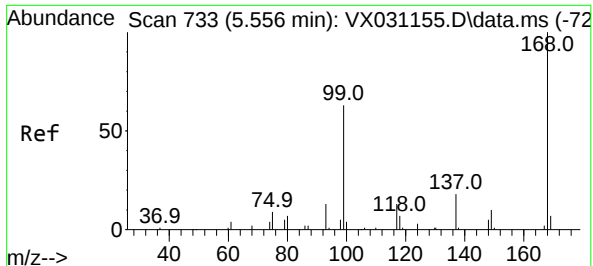
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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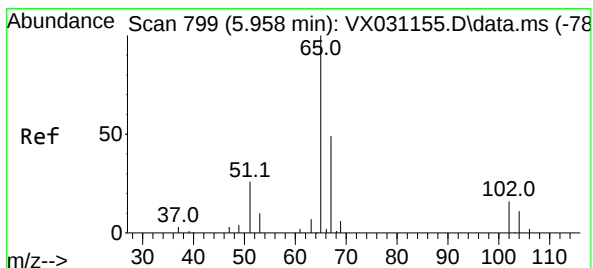
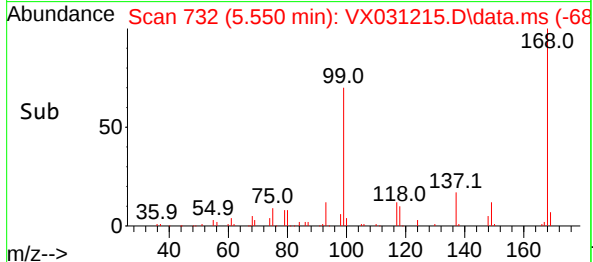
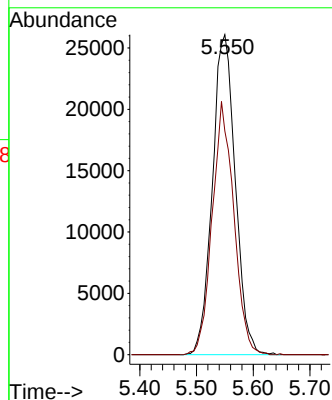
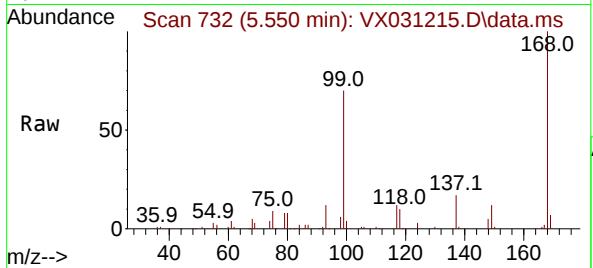




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX031215.D
Acq: 08 Sep 2022 16:40

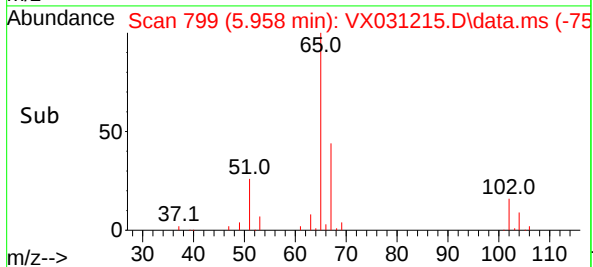
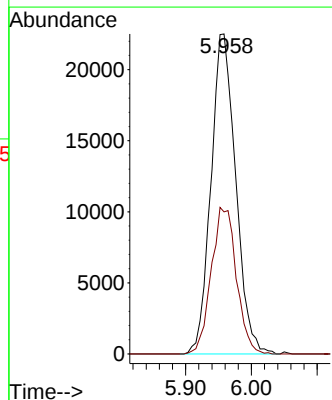
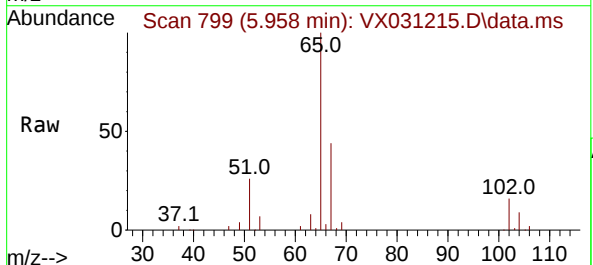
Instrument :
MSVOA_X
ClientSampleId :
31181ME

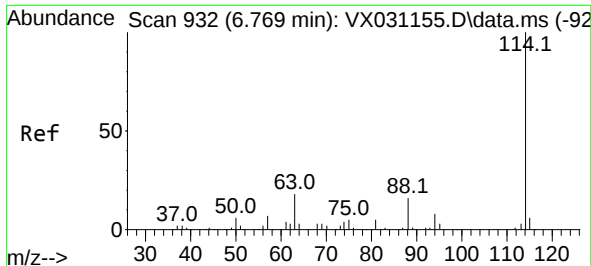
Tgt Ion:168 Resp: 73196
Ion Ratio Lower Upper
168 100
99 69.9 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 34.058 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031215.D
Acq: 08 Sep 2022 16:40

Tgt Ion: 65 Resp: 59021
Ion Ratio Lower Upper
65 100
67 46.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.012 min

Lab File: VX031215.D

Acq: 08 Sep 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

31181ME

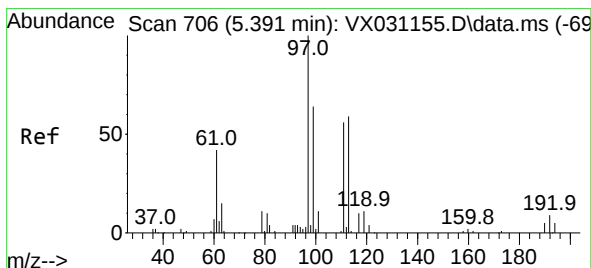
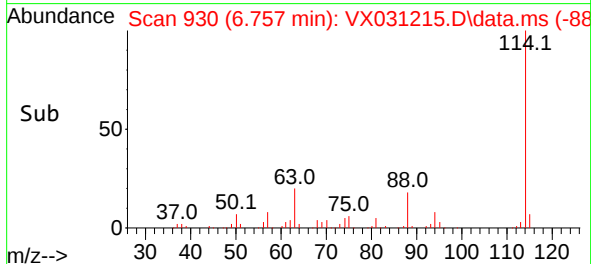
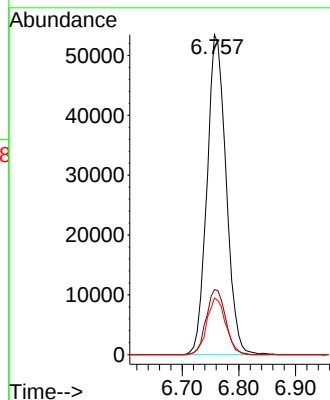
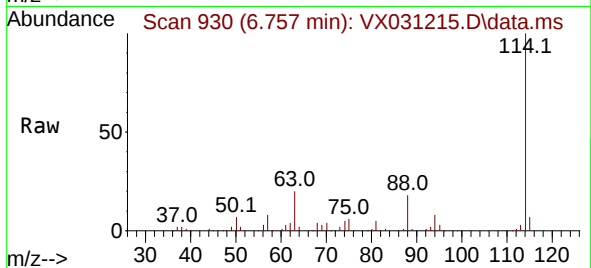
Tgt Ion:114 Resp: 125141

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 17.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 29.424 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031215.D

Acq: 08 Sep 2022 16:40

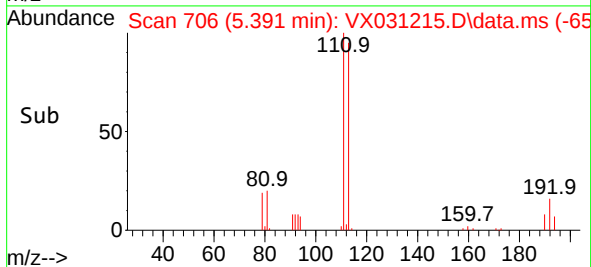
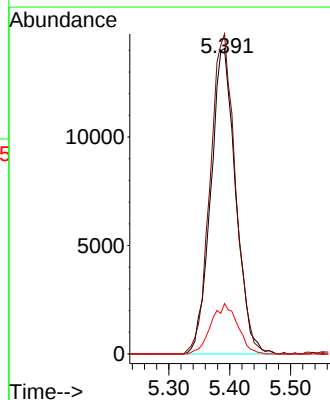
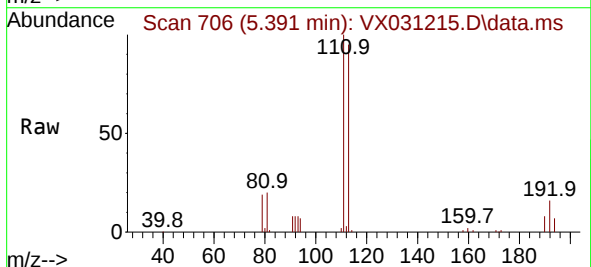
Tgt Ion:113 Resp: 40126

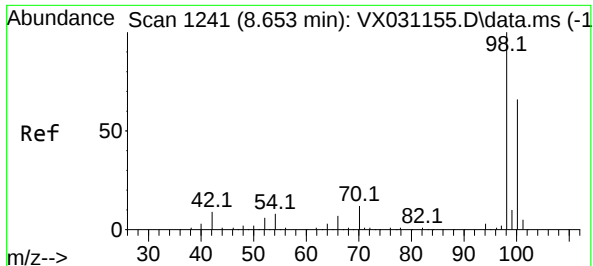
Ion Ratio Lower Upper

113 100

111 105.8 83.2 124.8

192 17.5 14.8 22.2





#50

Toluene-d8

Concen: 28.619 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031215.D

Acq: 08 Sep 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

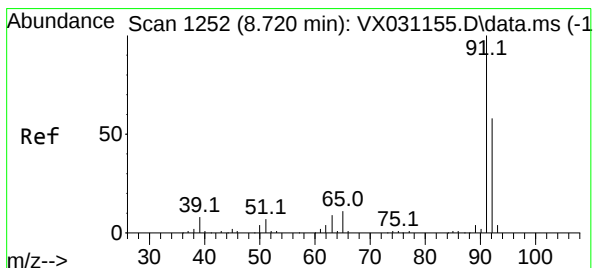
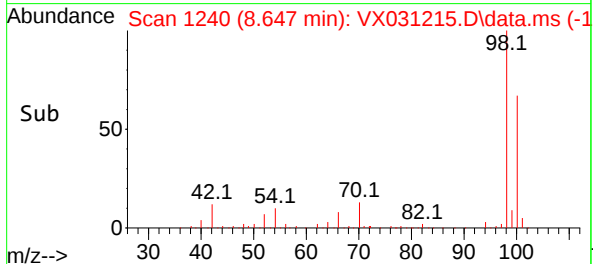
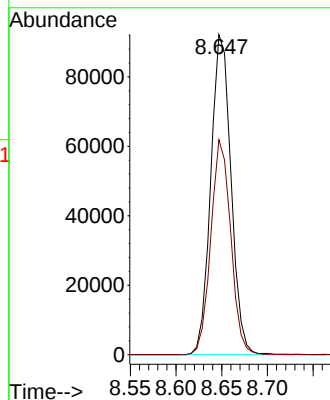
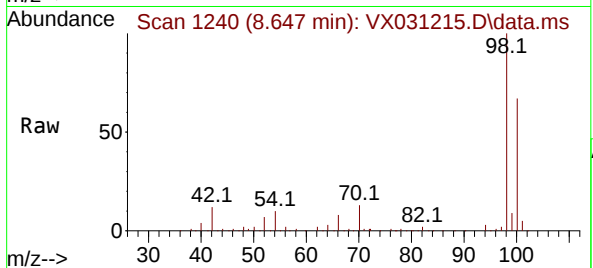
31181ME

Tgt Ion: 98 Resp: 141794

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5



#52

Toluene

Concen: 1.108 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031215.D

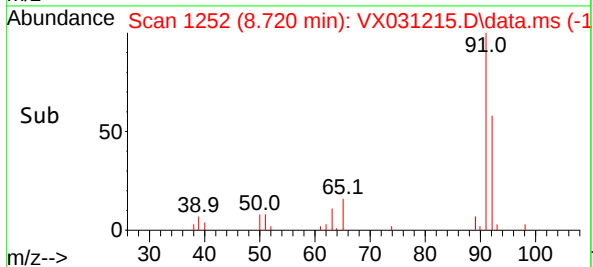
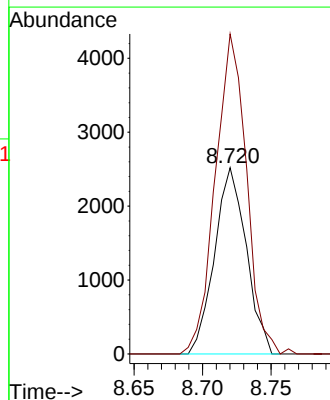
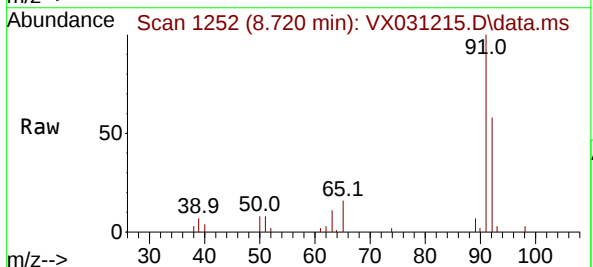
Acq: 08 Sep 2022 16:40

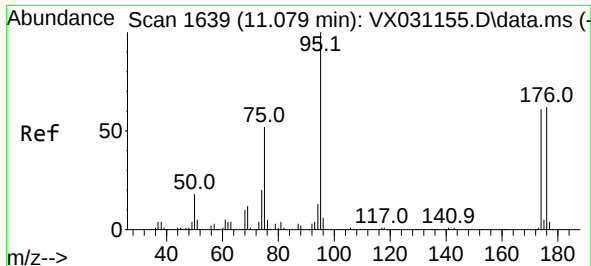
Tgt Ion: 92 Resp: 4054

Ion Ratio Lower Upper

92 100

91 168.9 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 29.992 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031215.D

Acq: 08 Sep 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

31181ME

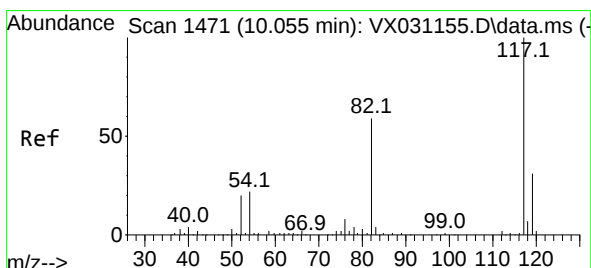
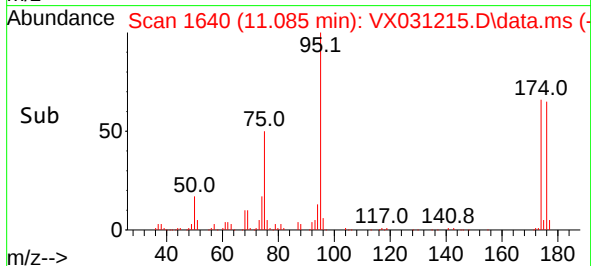
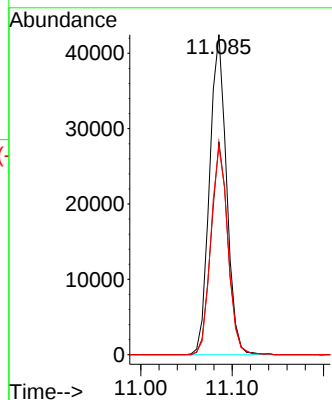
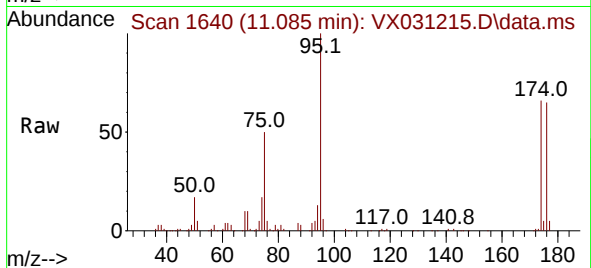
Tgt Ion: 95 Resp: 54456

Ion Ratio Lower Upper

95 100

174 66.1 0.0 149.0

176 65.6 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: VX031215.D

Acq: 08 Sep 2022 16:40

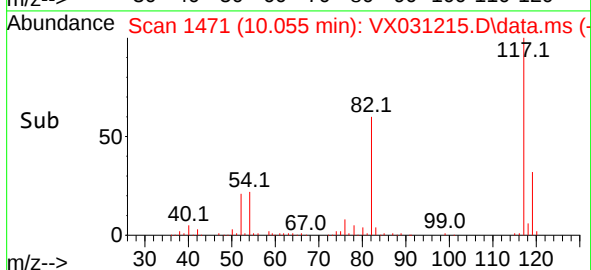
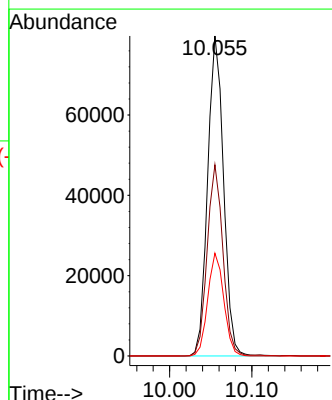
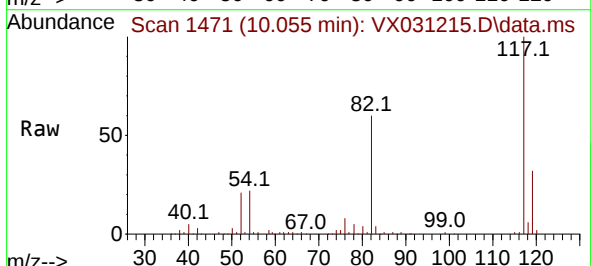
Tgt Ion: 117 Resp: 107193

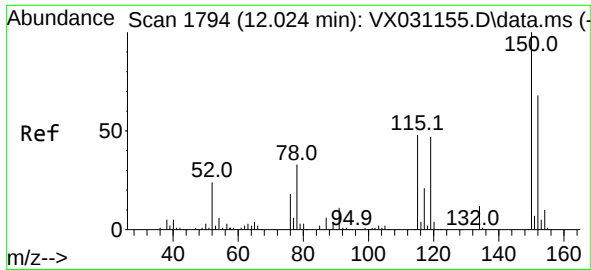
Ion Ratio Lower Upper

117 100

82 59.8 42.7 64.1

119 32.1 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: VX031215.D

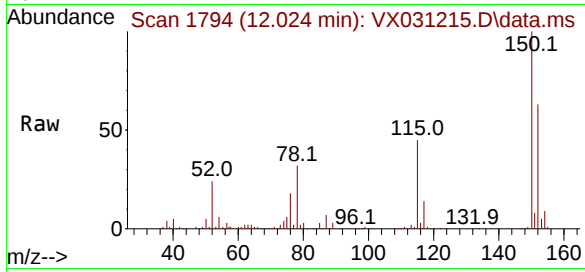
Acq: 08 Sep 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

31181ME



Tgt Ion:152 Resp: 48244

Ion Ratio Lower Upper

152 100

115 66.6 40.5 121.5

150 154.8 0.0 347.0

