

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017387.D
 Acq On : 16 Jul 2020 13:26
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 17 01:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	446595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	176914	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	5.47	113	157710	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.70	98	560190	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.12	95	220739	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

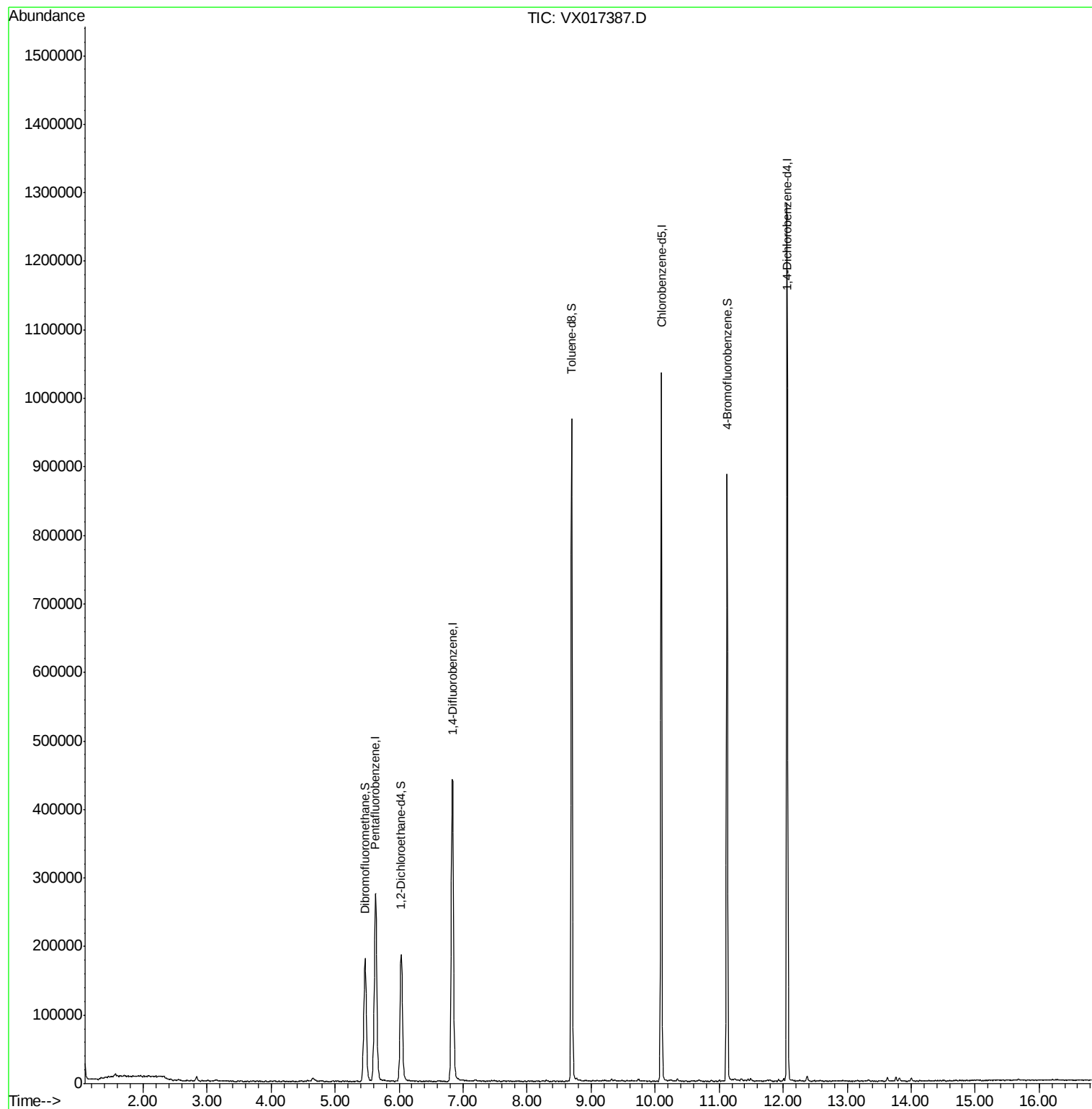
Target Compounds	Qvalue

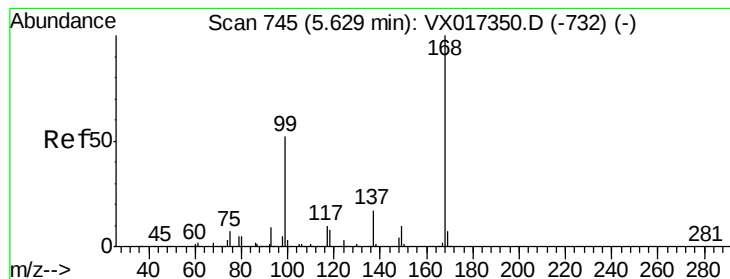
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017387.D

Acq: 16 Jul 2020 13:26

Instrument :

MSVOA_X

ClientSampled :

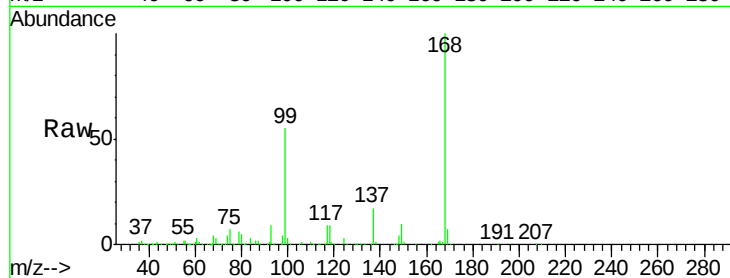
IBLK

Tot Ion:168 Resp: 256528

Ion Ratio Lower Upper

168 100

99 54.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

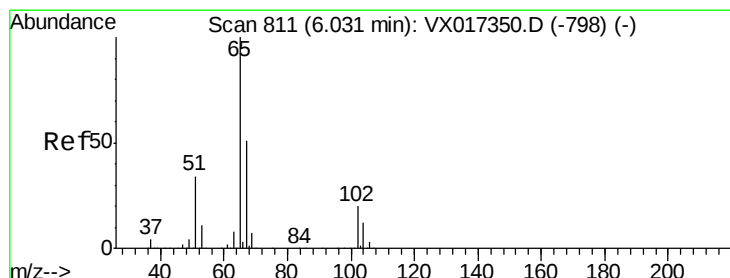
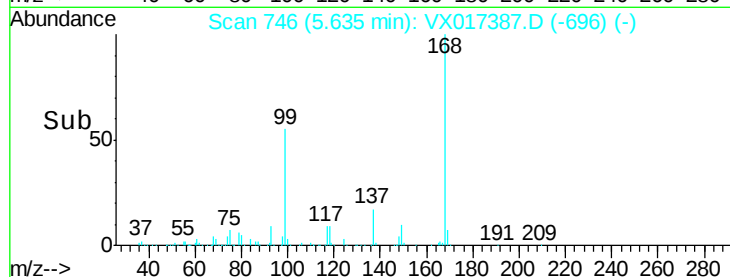
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 54.948 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017387.D

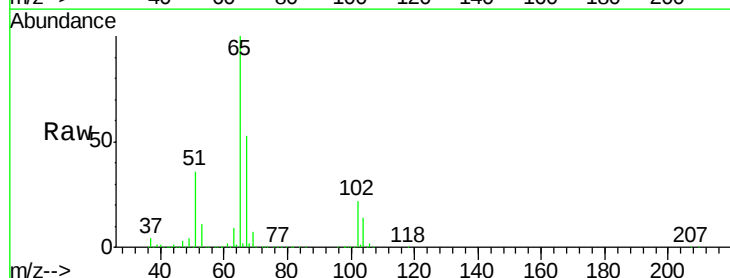
Acq: 16 Jul 2020 13:26

Tgt Ion: 65 Resp: 176914

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

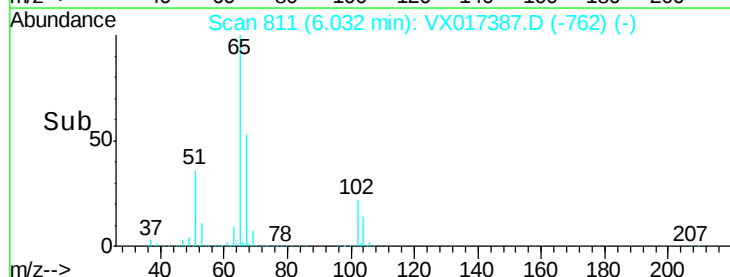
60000

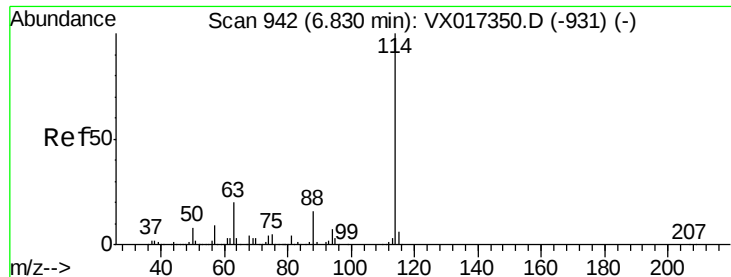
40000

20000

0

Time--> 5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017387.D

Acq: 16 Jul 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

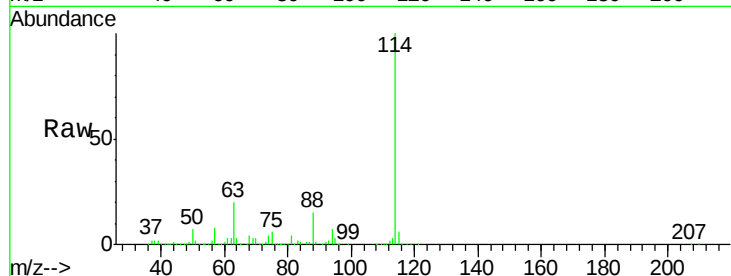
Tot Ion:114 Resp: 446595

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

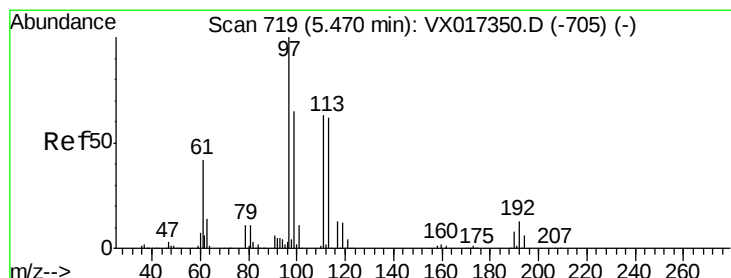
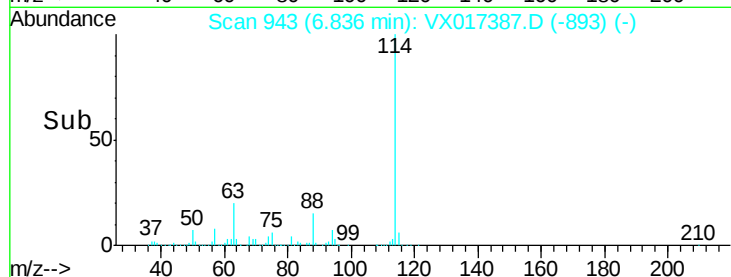
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 52.424 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017387.D

Acq: 16 Jul 2020 13:26

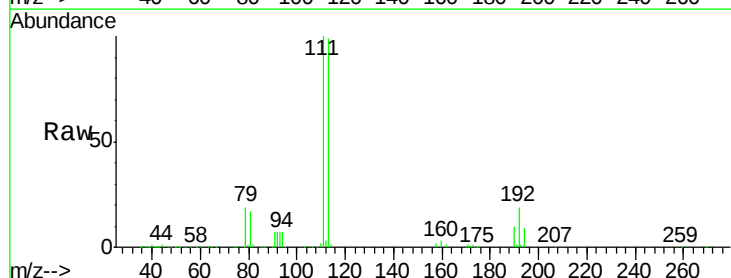
Tgt Ion:113 Resp: 157710

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 20.3 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

60000

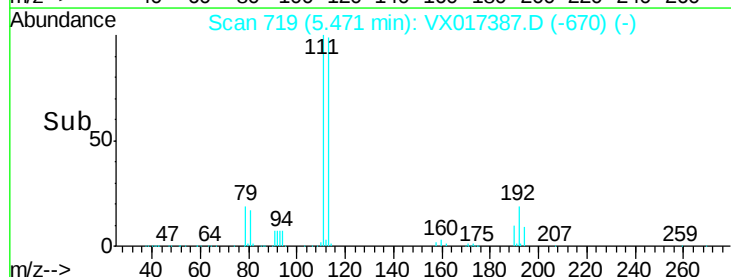
40000

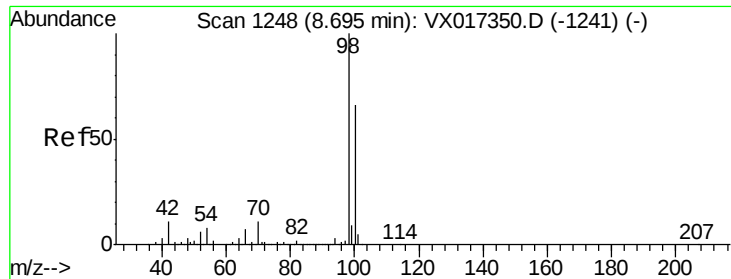
20000

0

5.40 5.50 5.60

Time-->

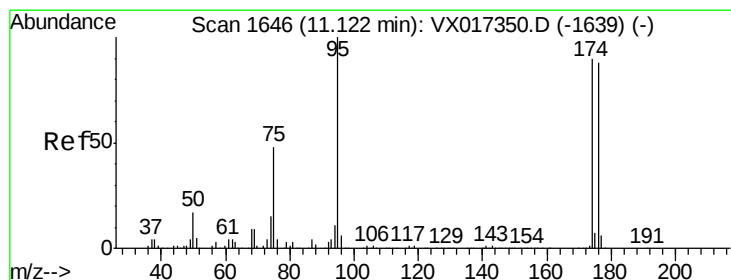
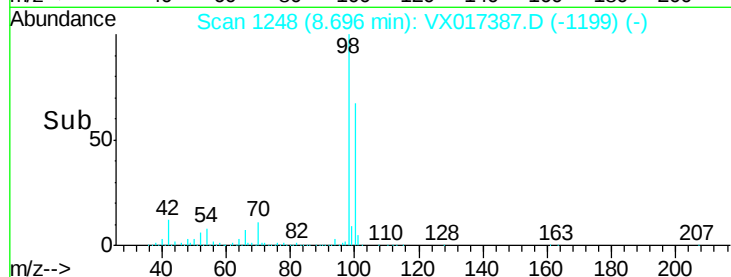
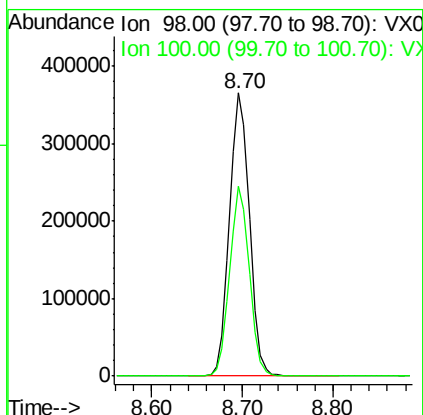
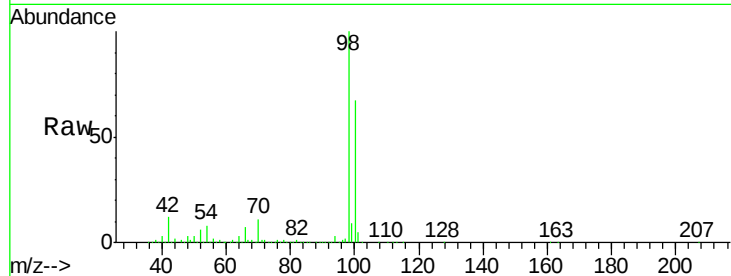




#50
Toluene-d8
Concen: 51.623 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

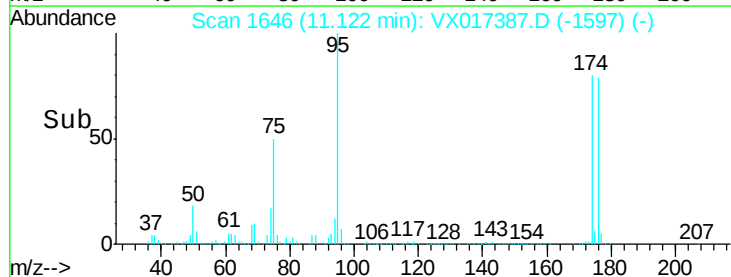
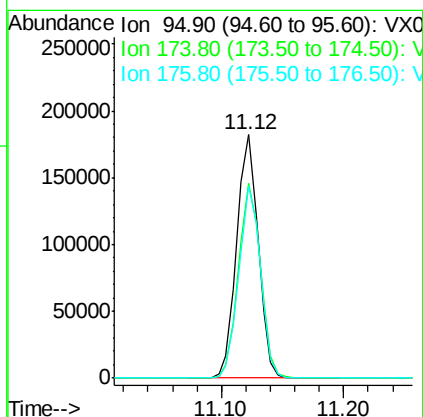
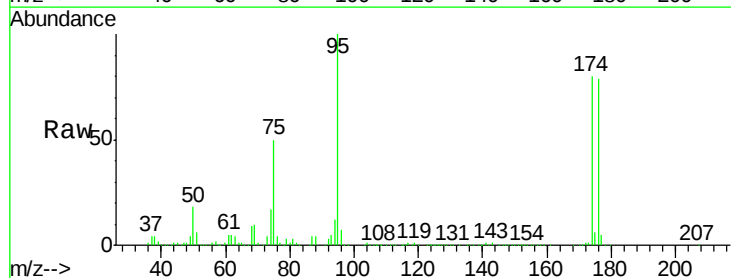
Instrument :
MSVOA_X
ClientSampled :
IBLK

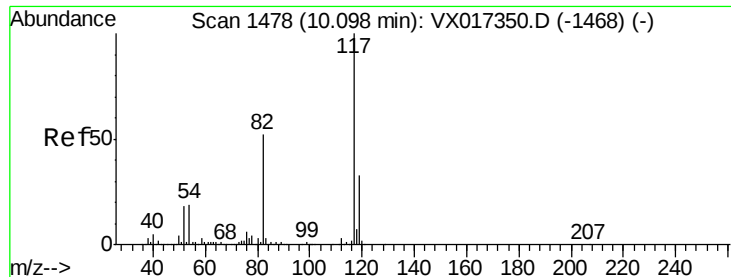
Tot Ion: 98 Resp: 560190
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 51.211 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 95 Resp: 220739
Ion Ratio Lower Upper
95 100
174 82.0 0.0 175.8
176 79.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017387.D

Acq: 16 Jul 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

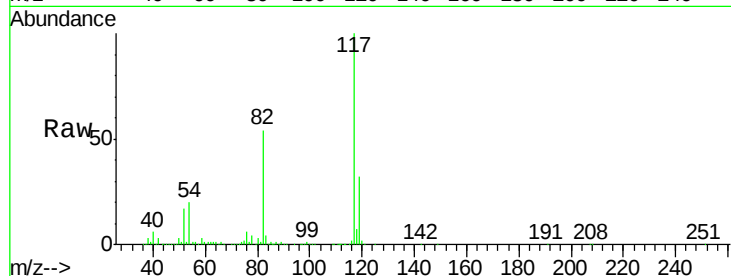
Tot Ion:117 Resp: 478314

Ion Ratio Lower Upper

117 100

82 53.9 42.0 63.0

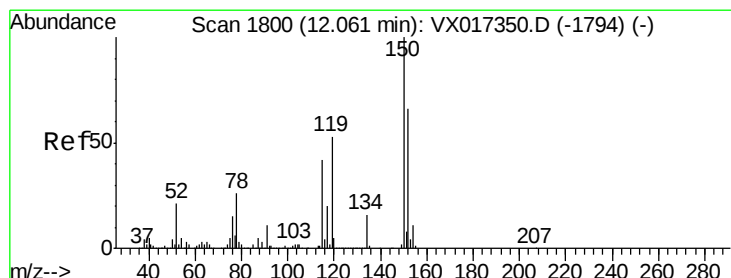
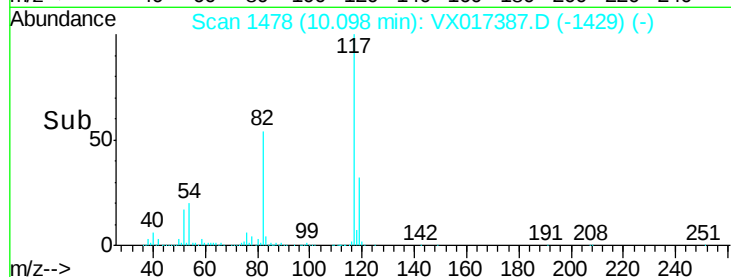
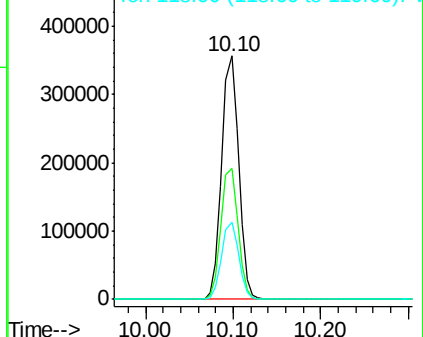
119 31.8 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017387.D

Acq: 16 Jul 2020 13:26

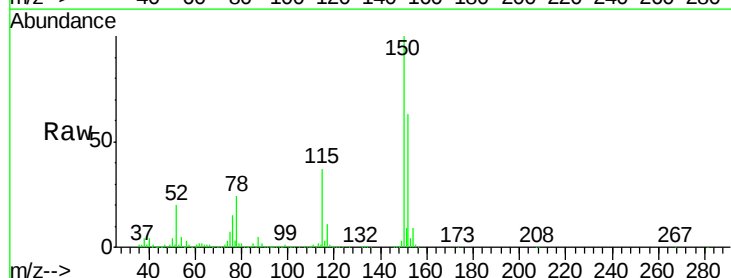
Tgt Ion:152 Resp: 252022

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.7

150 157.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

