

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017684.D
 Acq On : 30 Jul 2020 15:34
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 31 06:32:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	466112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	788831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	831448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	324528	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	5.47	113	268234	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	977270	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.12	95	429410	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	

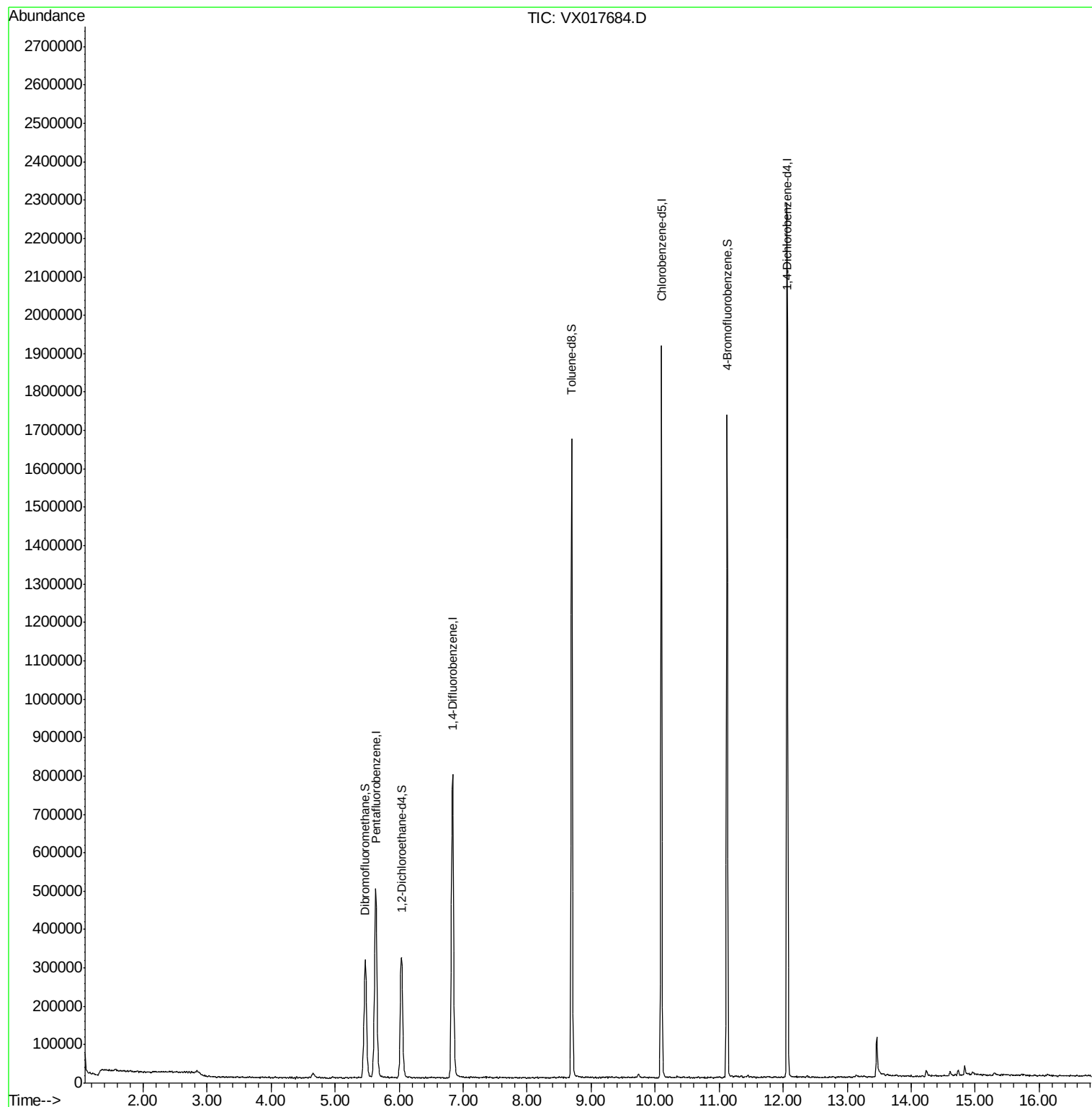
Target Compounds	Qvalue

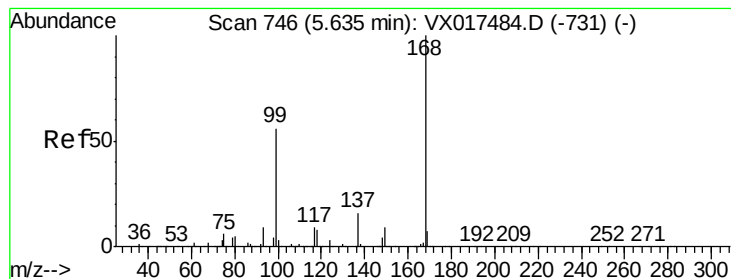
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
IBLK

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017684.D

Acq: 30 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

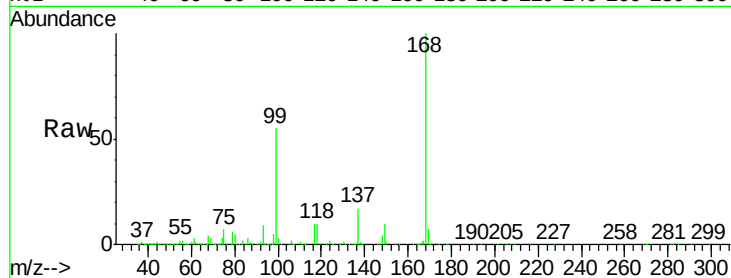
IBLK

Tot Ion:168 Resp: 466112

Ion Ratio Lower Upper

168 100

99 54.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

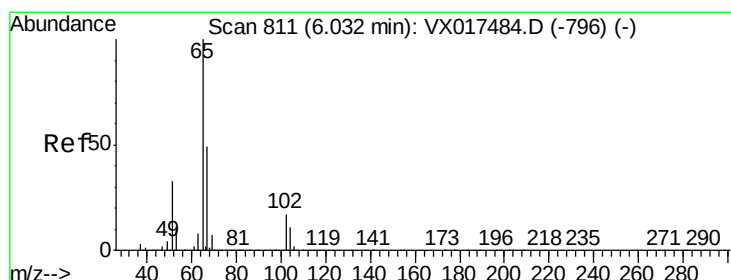
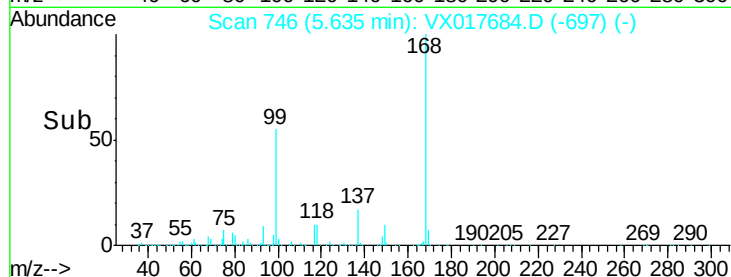
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 54.202 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017684.D

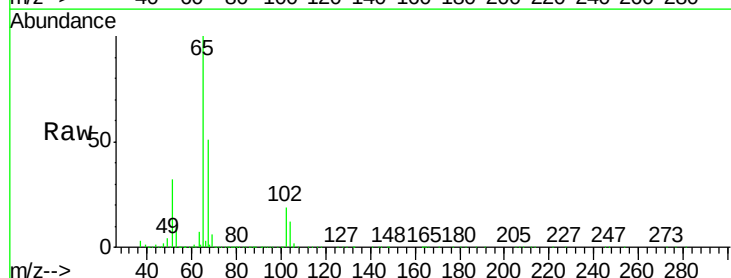
Acq: 30 Jul 2020 15:34

Tgt Ion: 65 Resp: 324528

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

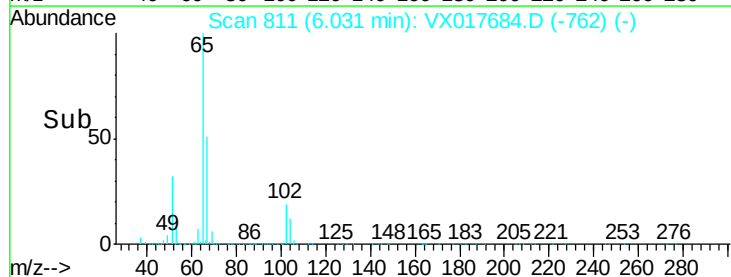
100000

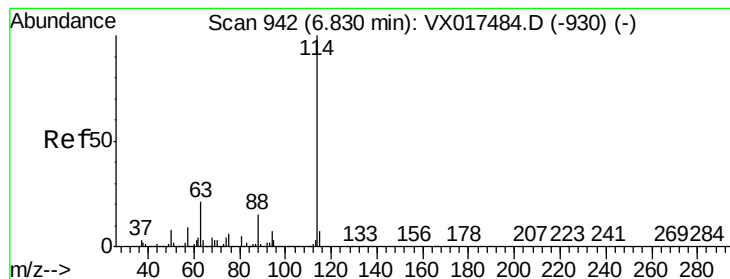
50000

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: VX017684.D

Acq: 30 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

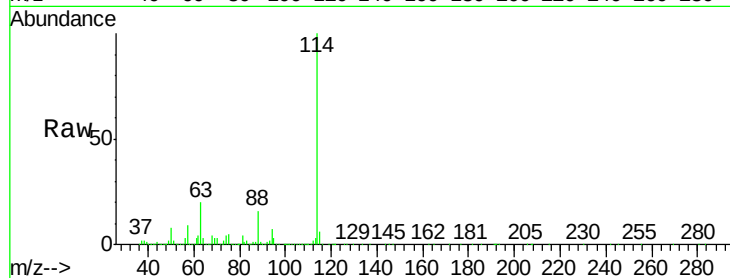
Tot Ion:114 Resp: 788831

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

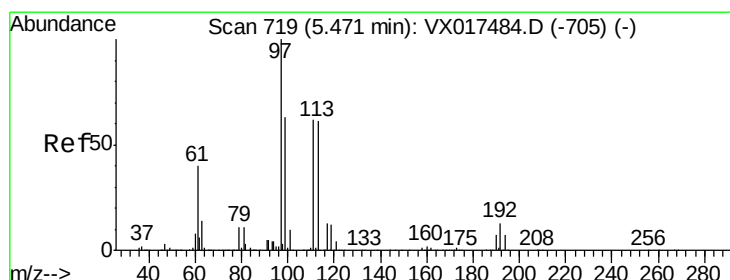
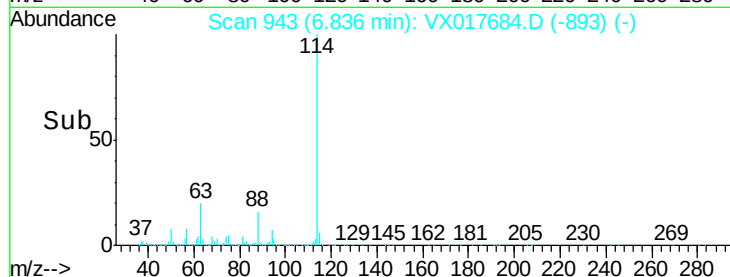
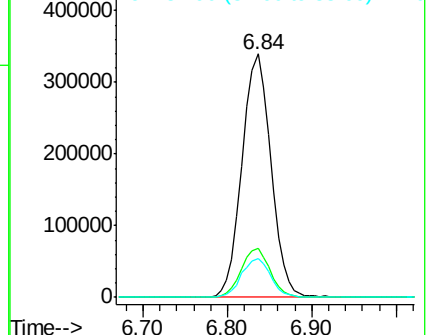
88 15.8 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 50.843 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017684.D

Acq: 30 Jul 2020 15:34

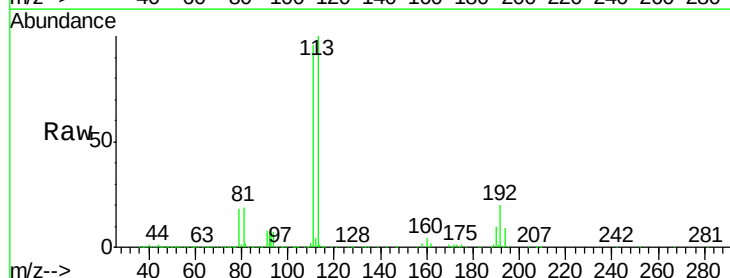
Tgt Ion:113 Resp: 268234

Ion Ratio Lower Upper

113 100

111 101.2 80.7 121.1

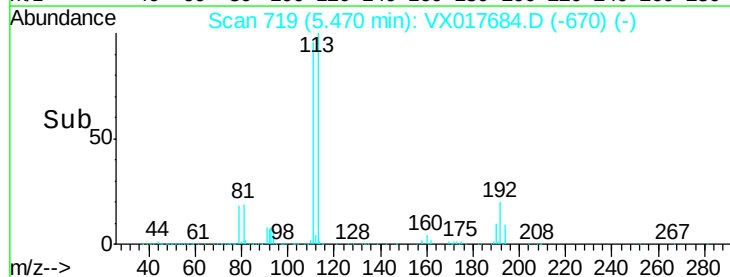
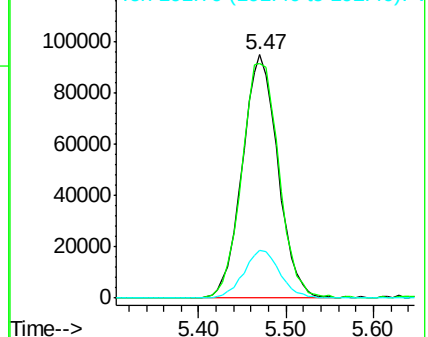
192 20.1 16.9 25.3

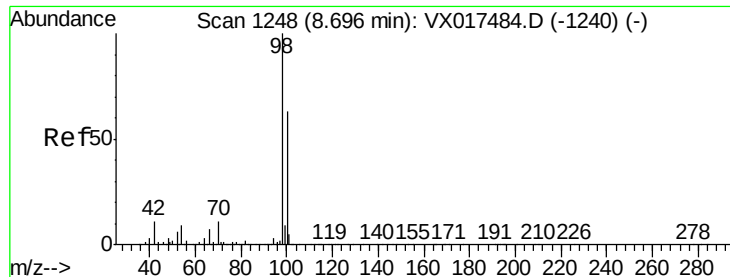


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.348 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017684.D

Acq: 30 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

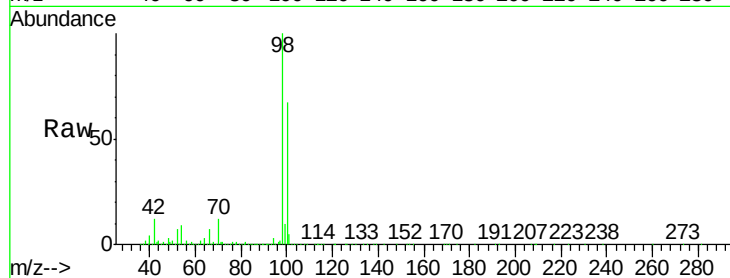
IBLK

Tot Ion: 98 Resp: 977270

Ion Ratio Lower Upper

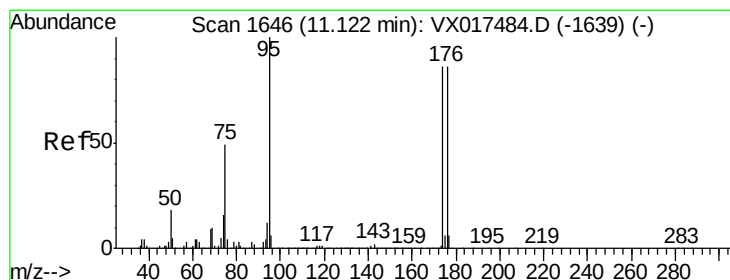
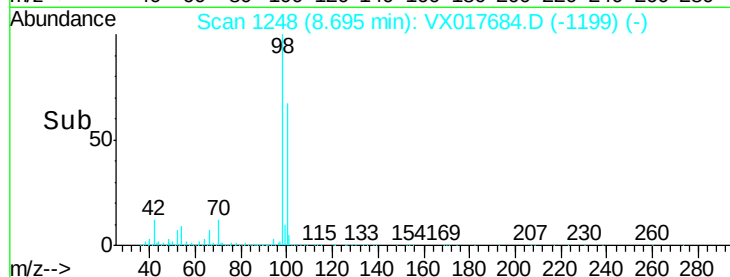
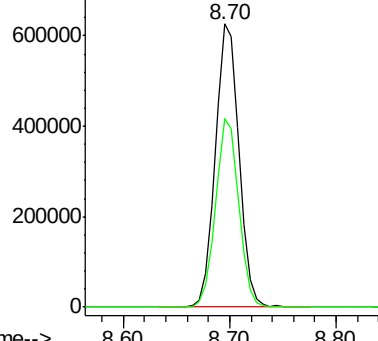
98 100

100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 56.377 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017684.D

Acq: 30 Jul 2020 15:34

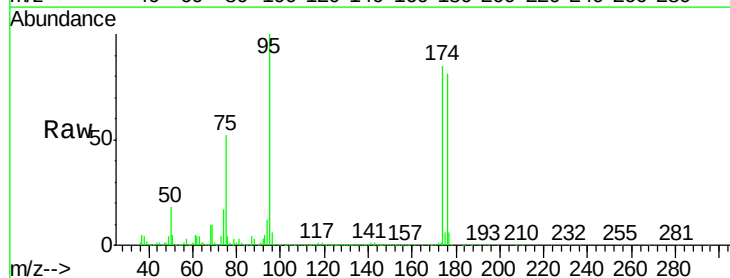
Tgt Ion: 95 Resp: 429410

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.0

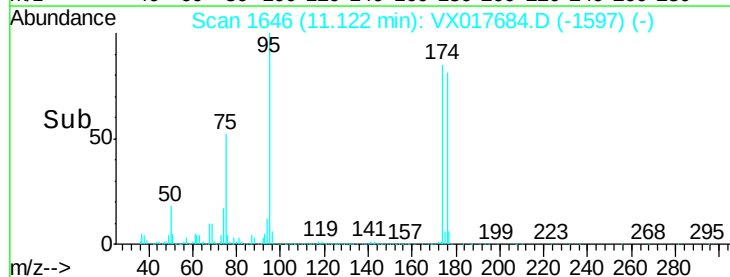
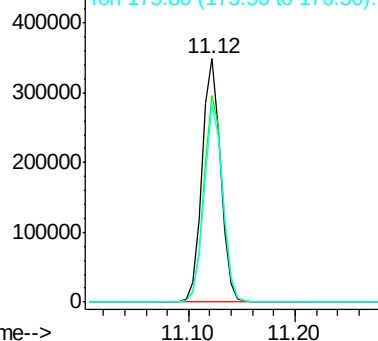
176 81.1 0.0 161.0

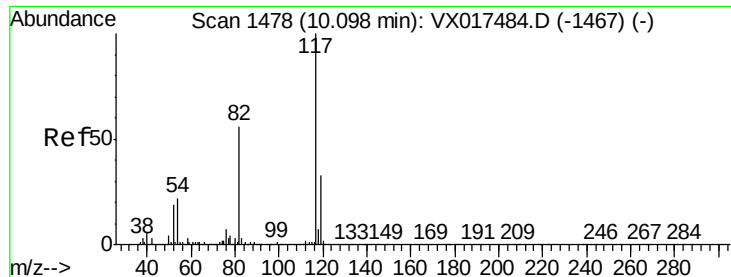


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

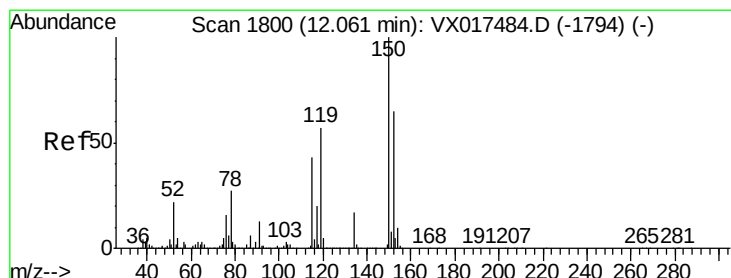
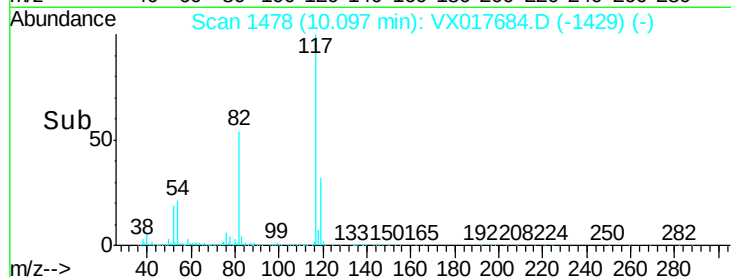
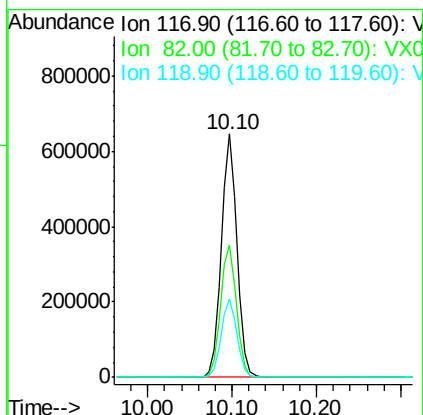
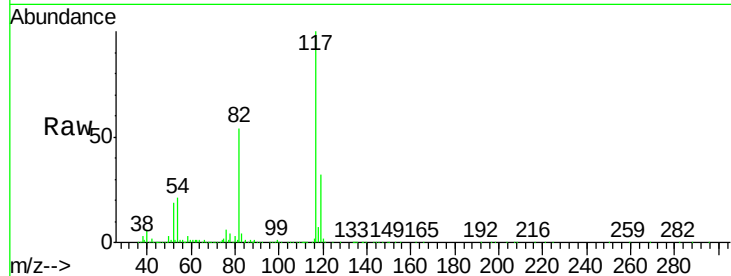




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017684.D
Acq: 30 Jul 2020 15:34

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 831448
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017684.D
Acq: 30 Jul 2020 15:34

Tgt Ion:152 Resp: 460384
Ion Ratio Lower Upper
152 100
115 57.8 65.5 196.6#
150 157.2 0.0 412.6

