

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010045.D
 Acq On : 03 Jun 2019 18:45
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 04 05:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117243	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	86789	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	359915	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	121890	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

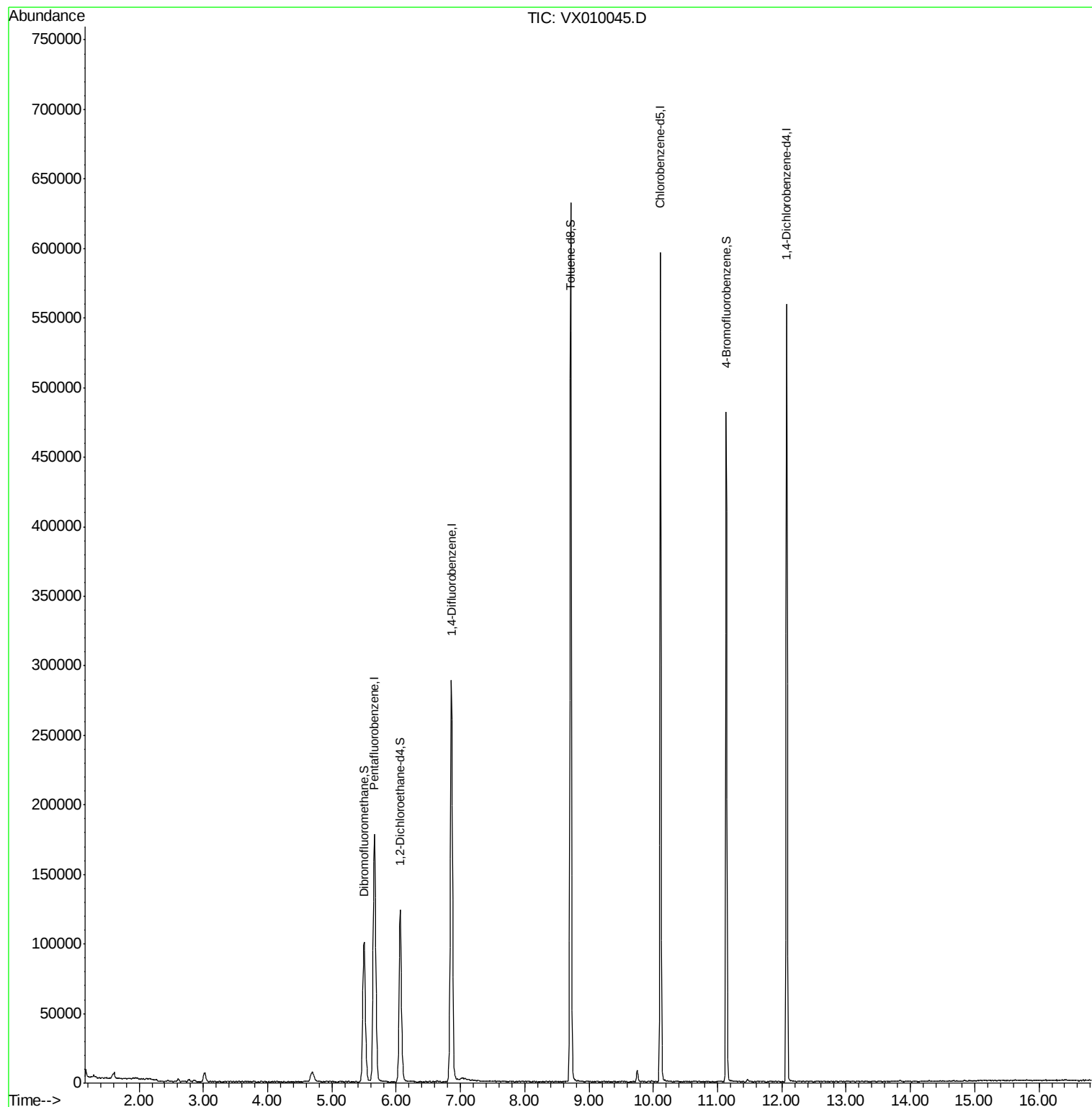
Target Compounds	Qvalue

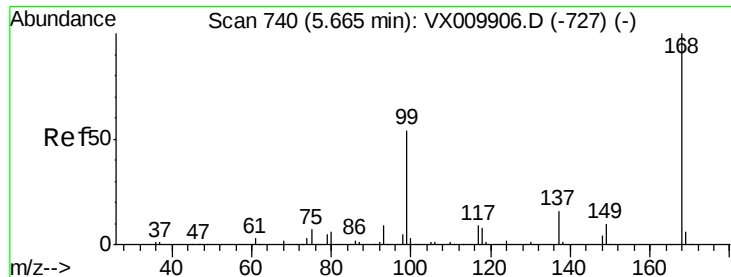
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

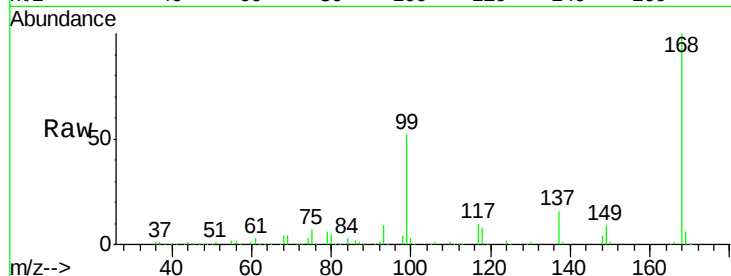
IBLK

Tot Ion:168 Resp: 177109

Ion Ratio Lower Upper

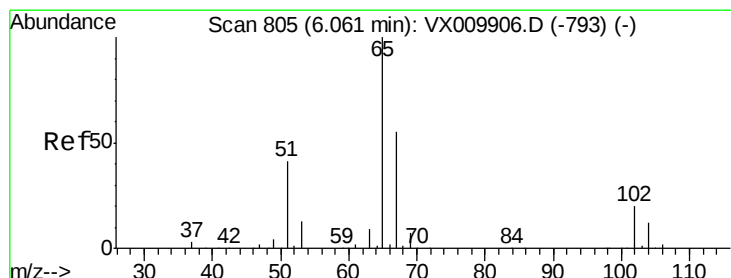
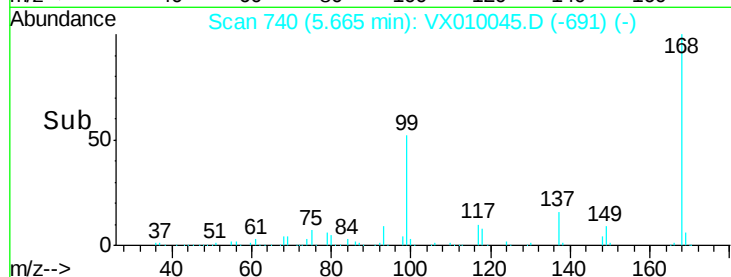
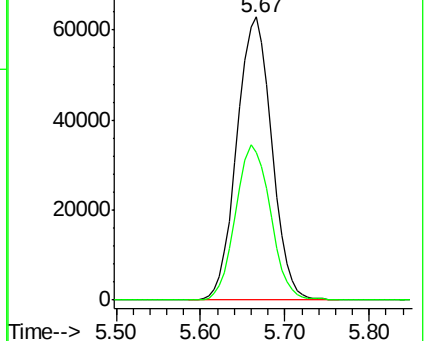
168 100

99 52.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.863 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010045.D

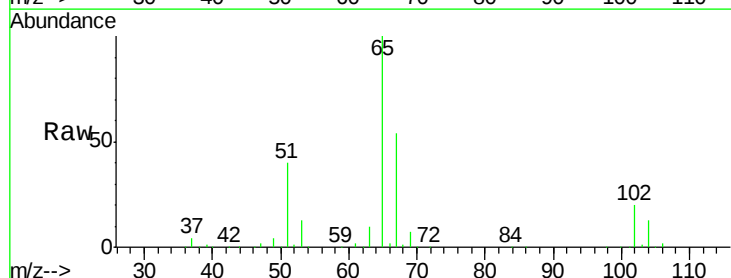
Acq: 03 Jun 2019 18:45

Tgt Ion: 65 Resp: 117243

Ion Ratio Lower Upper

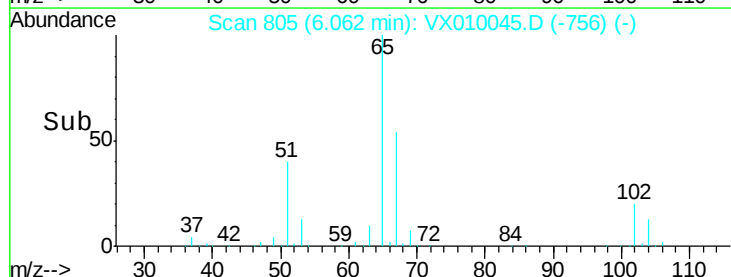
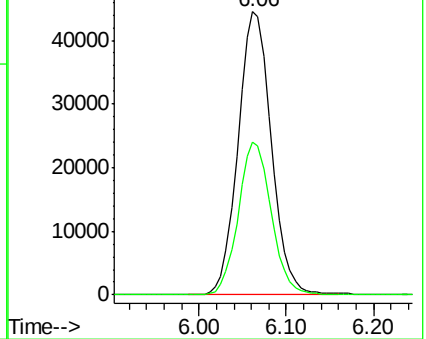
65 100

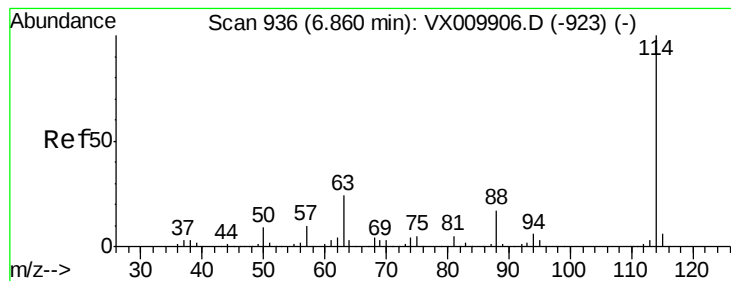
67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

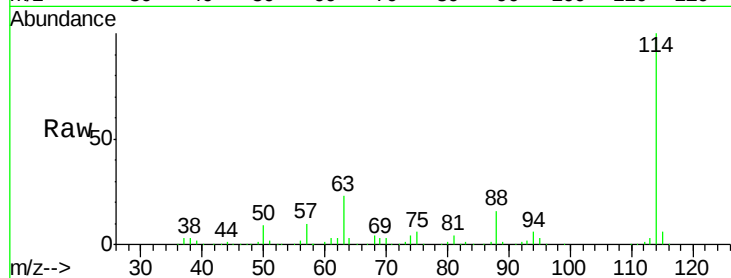
Tot Ion:114 Resp: 283378

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

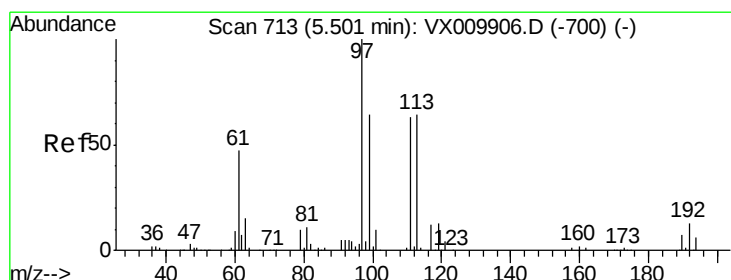
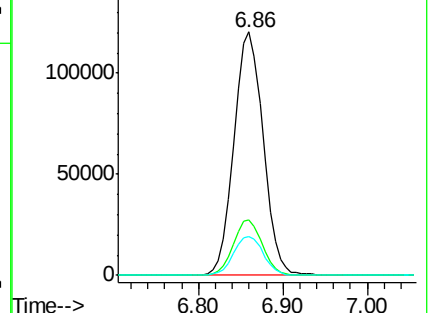
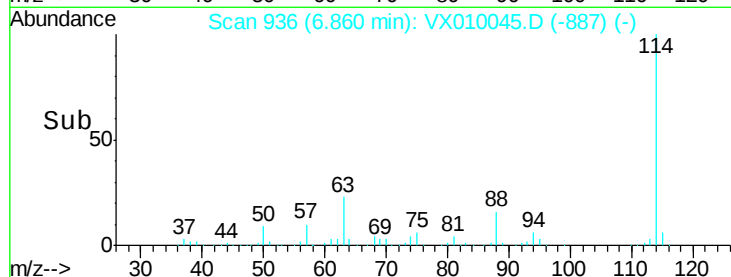
88 15.9 0.0 33.0



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: 48.714 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

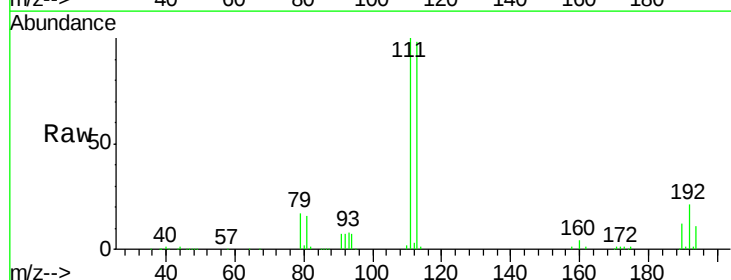
Tgt Ion:113 Resp: 86789

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

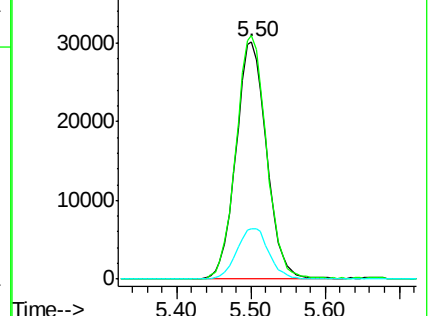
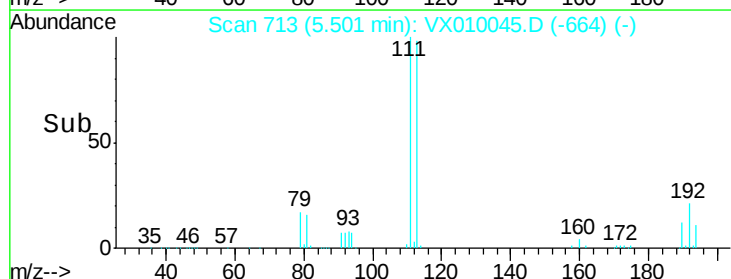
192 22.2 17.1 25.7

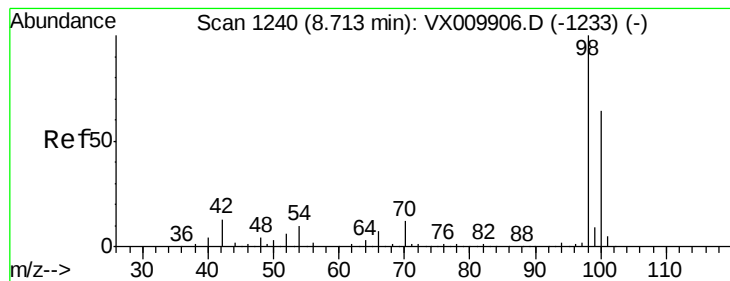


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampled :

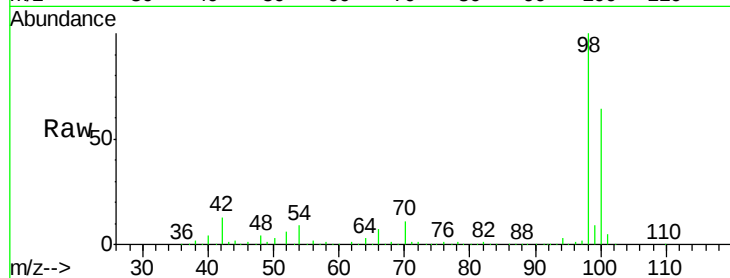
IBLK

Tot Ion: 98 Resp: 359915

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

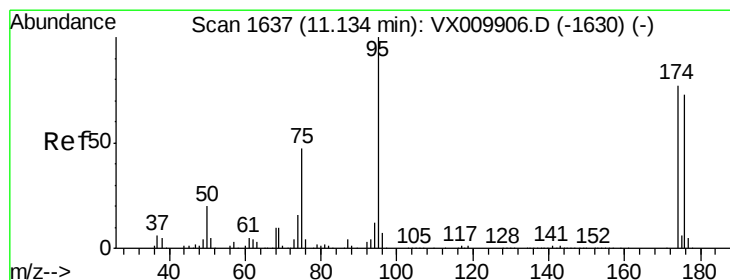
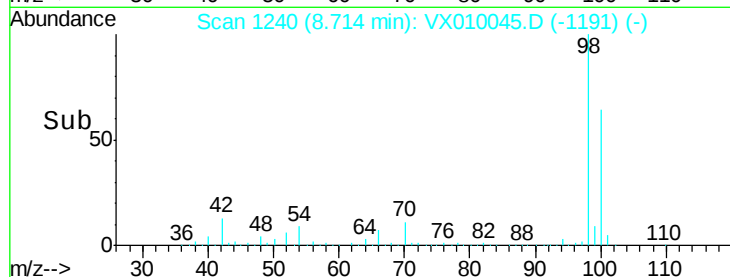
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

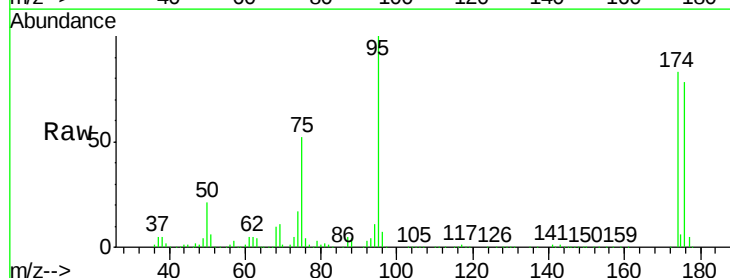
Tgt Ion: 95 Resp: 121890

Ion Ratio Lower Upper

95 100

174 85.0 0.0 160.4

176 81.6 0.0 154.6



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

11.13

120000

100000

80000

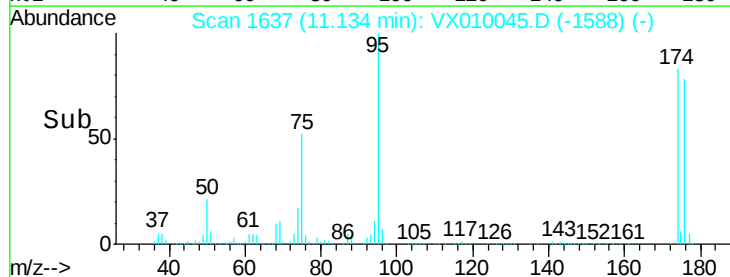
60000

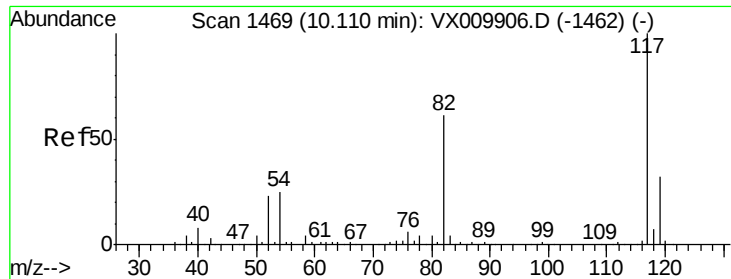
40000

20000

0

Time--> 11.10 11.20

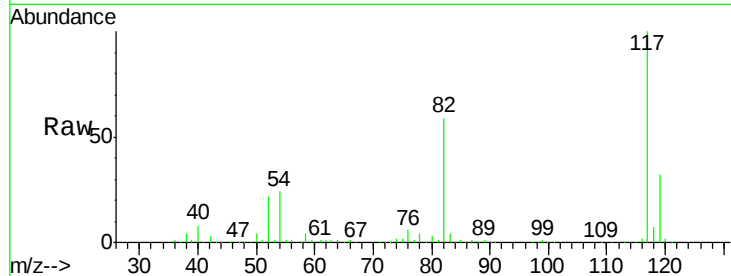




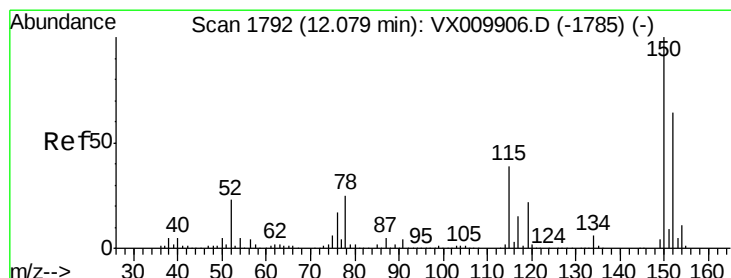
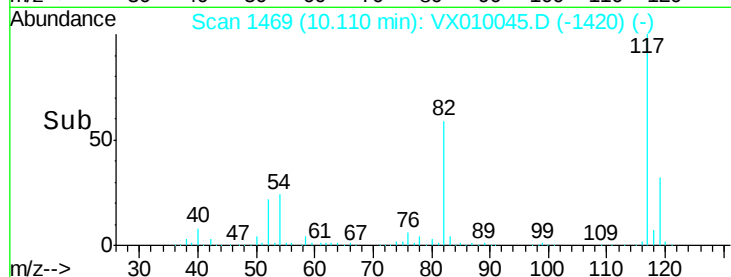
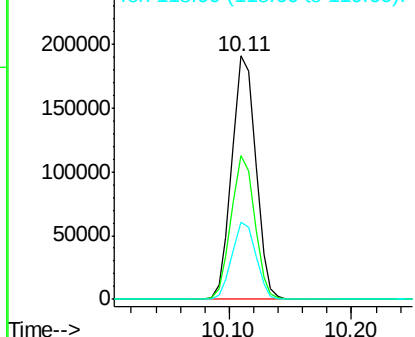
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 258288
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.8 25.2 37.8

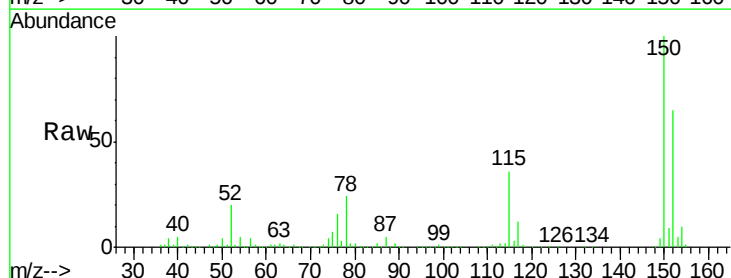


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion:152 Resp: 114605
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 157.8 0.0 345.2



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

