

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010144.D
 Acq On : 08 Jun 2019 17:30
 Operator : JC/SP
 Sample : K3249-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20190605

Quant Time: Jun 10 08:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	297201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	188881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131432	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.50	113	138480	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	521989	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	184147	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

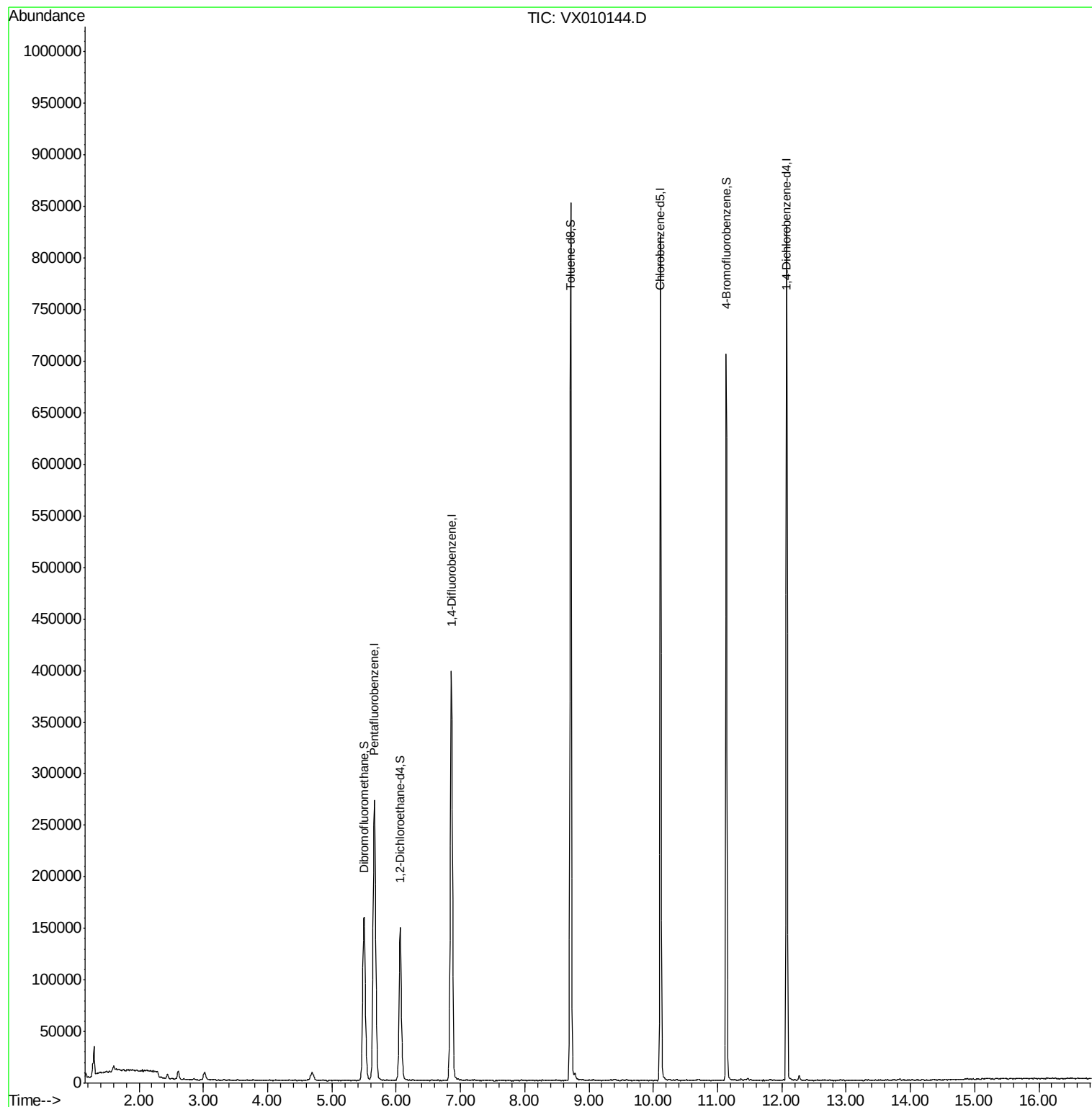
Target Compounds	Qvalue

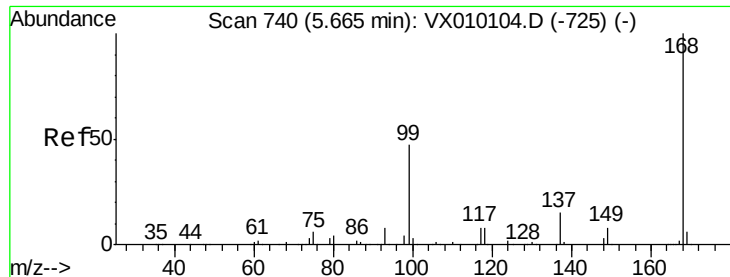
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

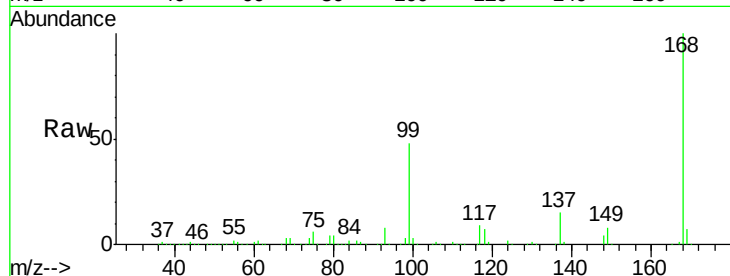
BP-EB02-20190605

Tot Ion:168 Resp: 297201

Ion Ratio Lower Upper

168 100

99 48.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

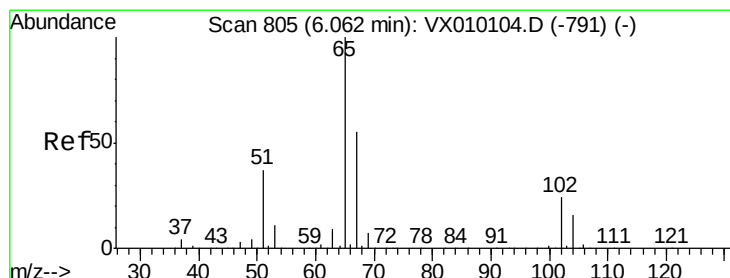
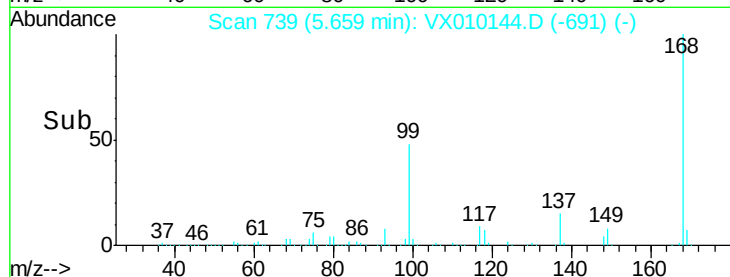
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.305 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010144.D

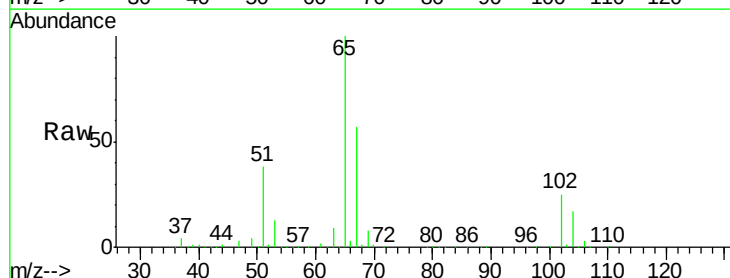
Acq: 08 Jun 2019 17:30

Tgt Ion: 65 Resp: 131432

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

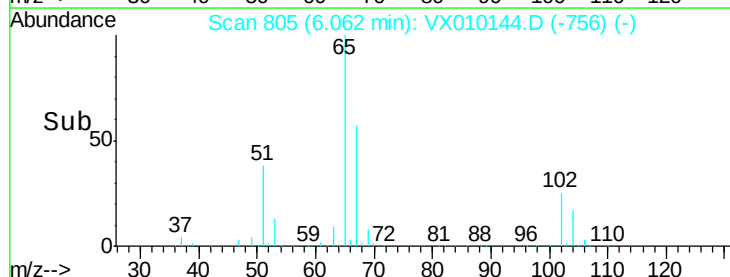
30000

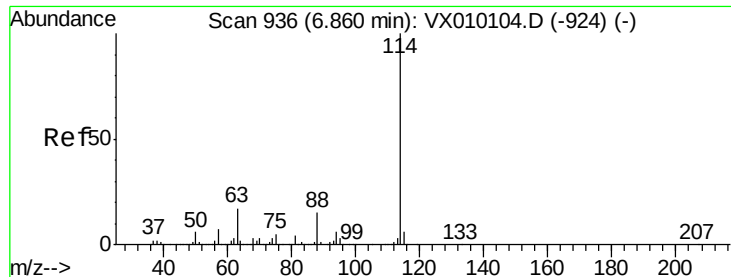
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

BP-EB02-20190605

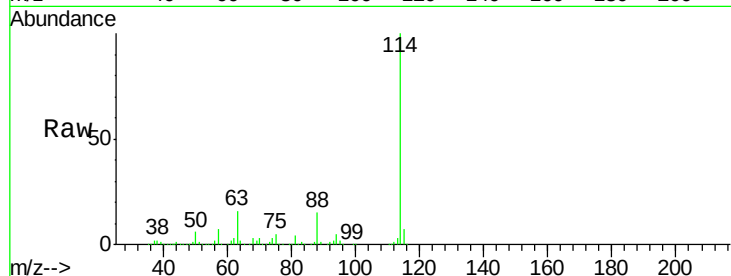
Tot Ion:114 Resp: 449690

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

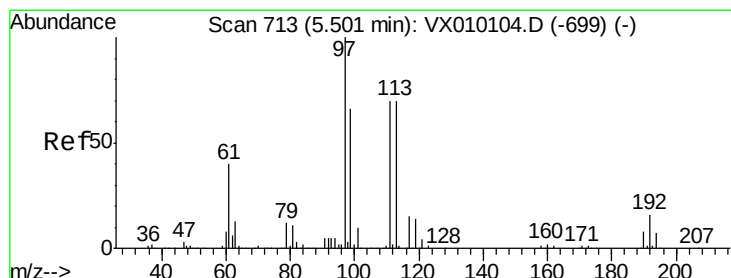
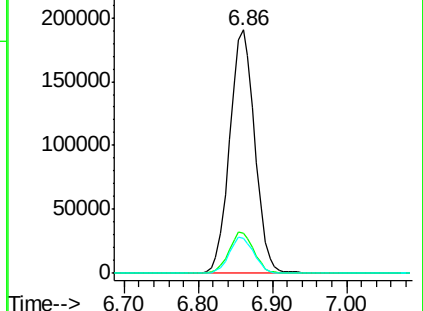
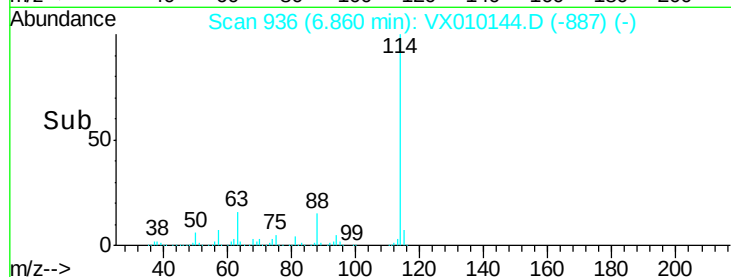
88 14.5 0.0 33.0



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: 49.924 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

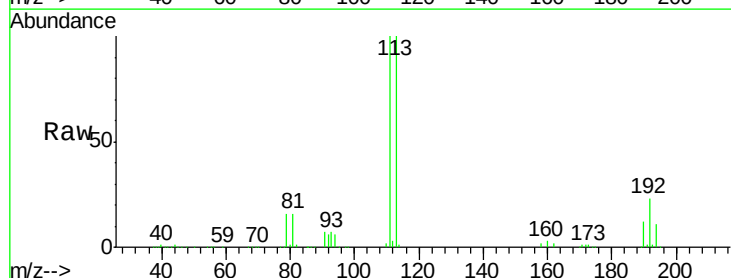
Tgt Ion:113 Resp: 138480

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

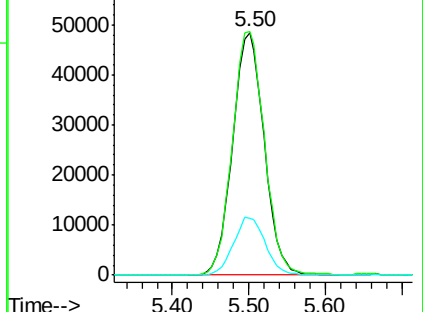
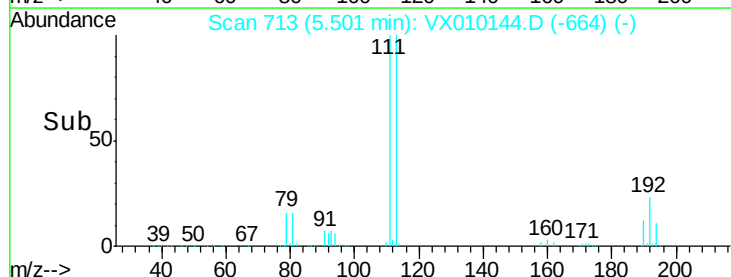
192 24.0 17.1 25.7

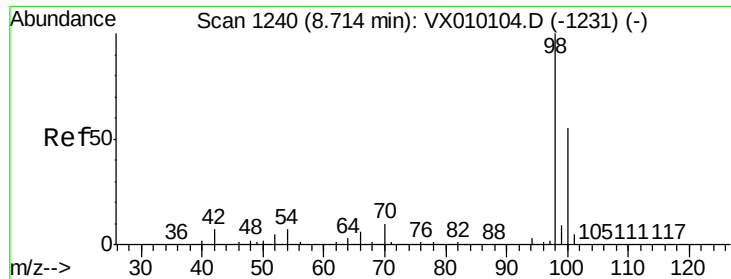


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.212 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

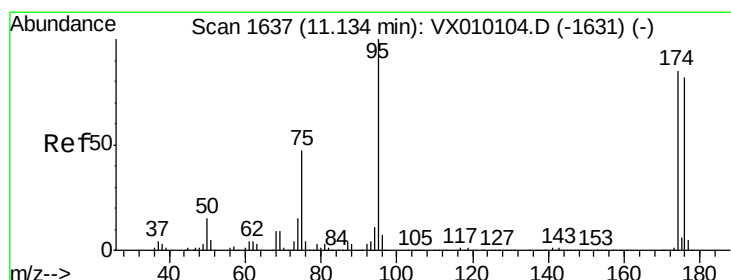
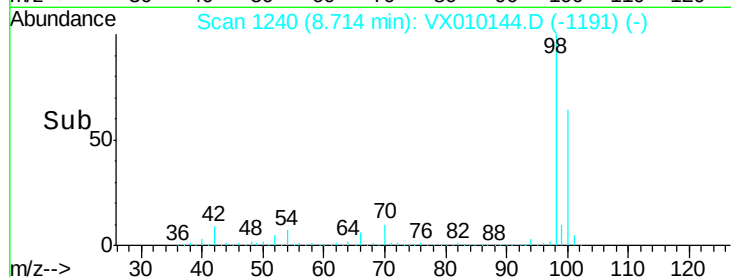
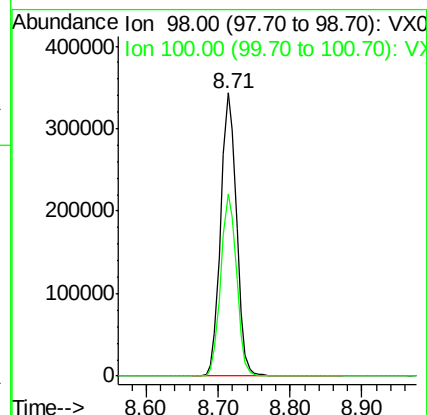
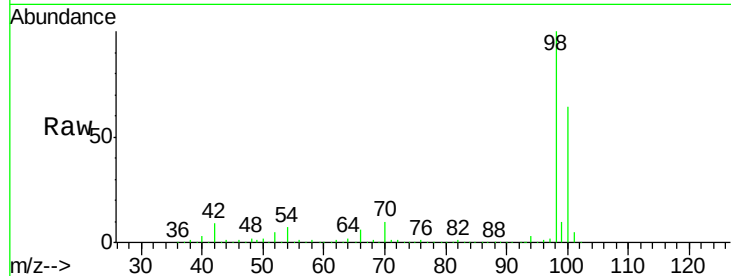
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Tot Ion: 98 Resp: 521989

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.431 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

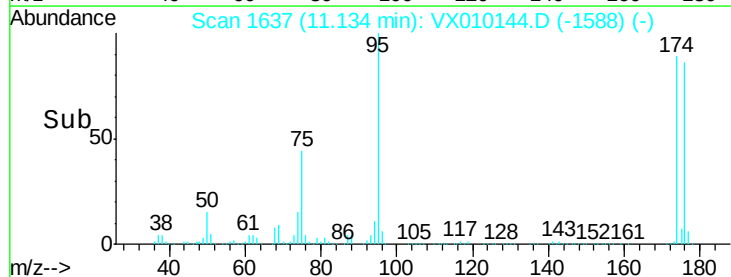
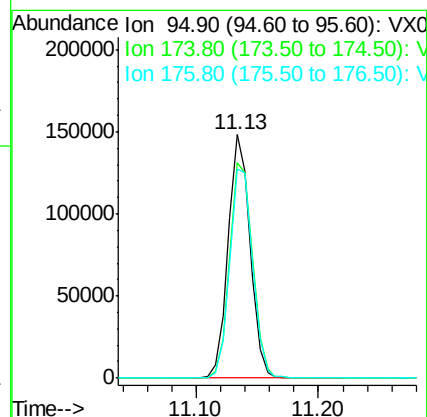
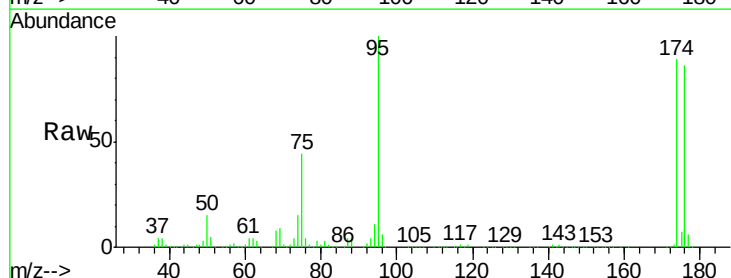
Tgt Ion: 95 Resp: 184147

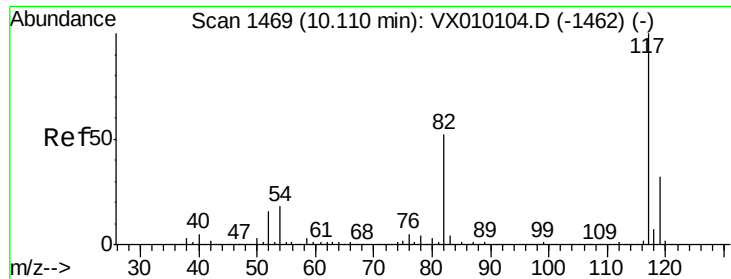
Ion Ratio Lower Upper

95 100

174 92.2 0.0 160.4

176 89.7 0.0 154.6

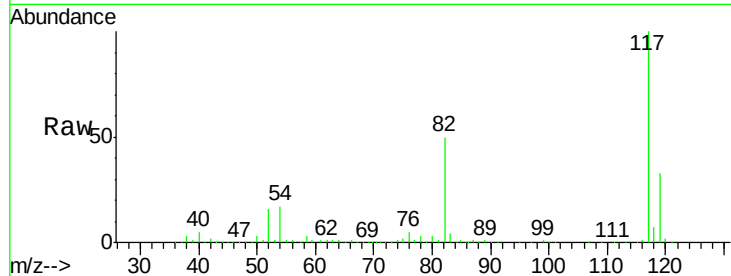




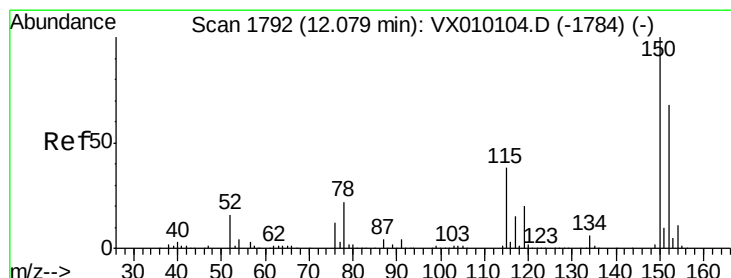
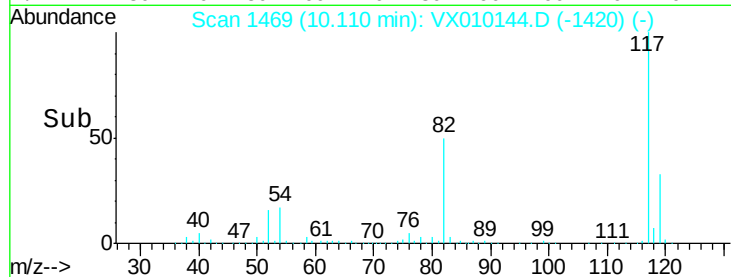
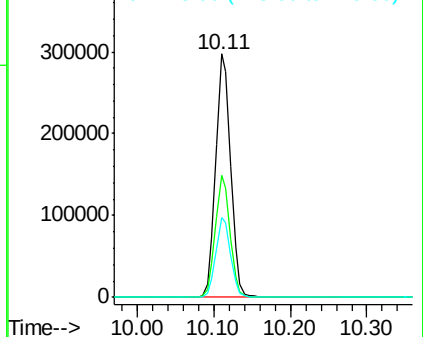
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

Tot Ion:117 Resp: 403509
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.6 25.2 37.8

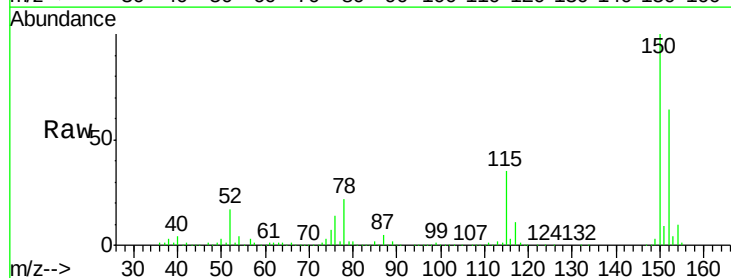


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion:152 Resp: 188881
Ion Ratio Lower Upper
152 100
115 53.8 41.4 124.2
150 156.0 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

