

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010142.D
 Acq On : 08 Jun 2019 16:43
 Operator : JC/SP
 Sample : K3257-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20190606

Quant Time: Jun 10 08:32:09 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

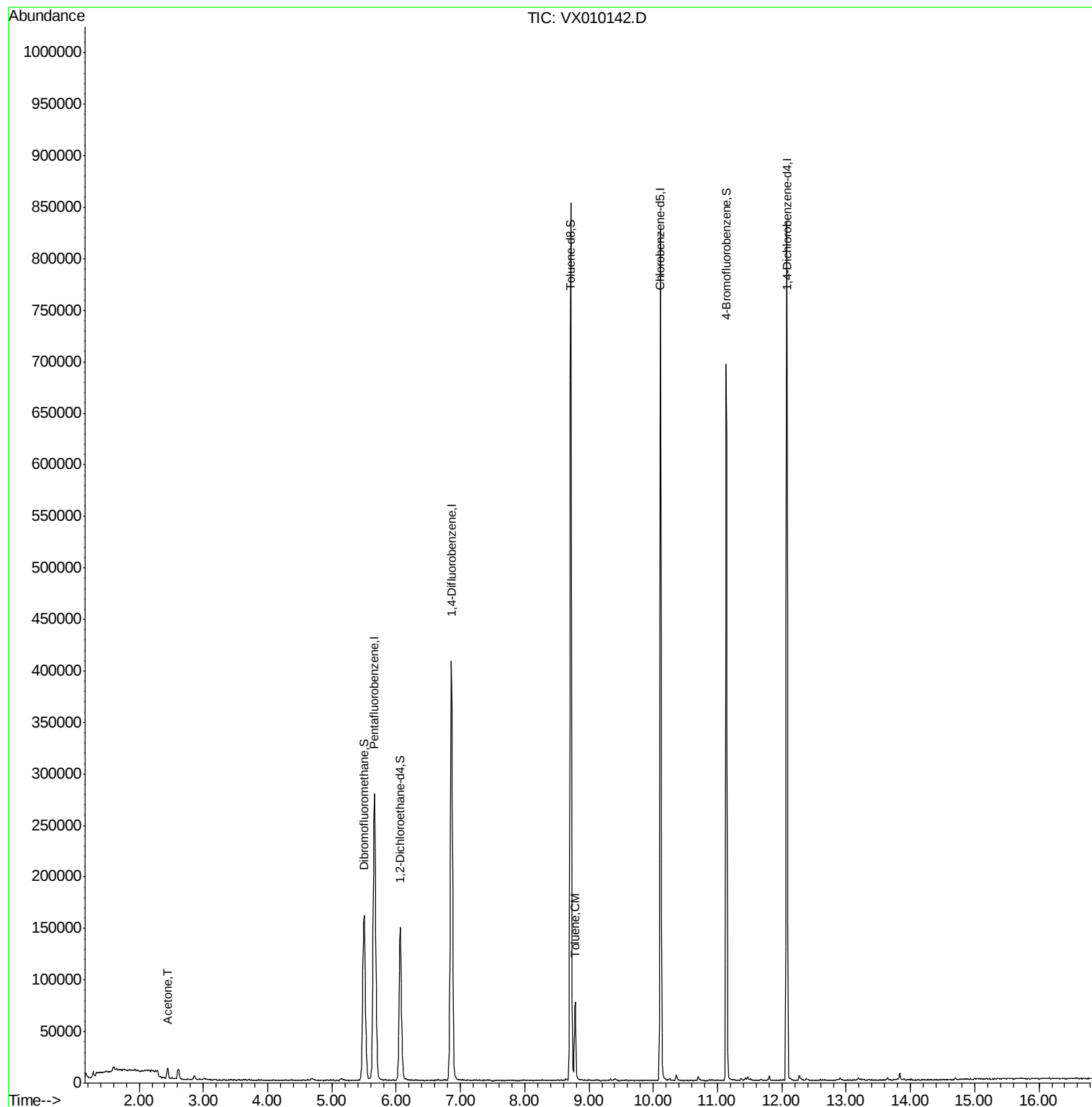
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133408	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
35) Dibromofluoromethane	5.50	113	141828	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	8.71	98	529478	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	183807	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
16) Acetone	2.45	43	10527	7.632	ug/l #	86
52) Toluene	8.79	92	28728	3.823	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010142.D

Acq: 08 Jun 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

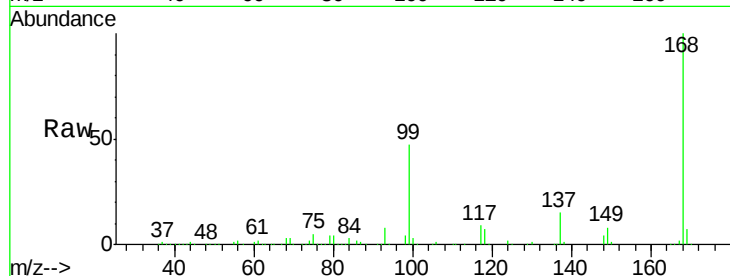
EB01-20190606

Tot Ion:168 Resp: 300436

Ion Ratio Lower Upper

168 100

99 46.6 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

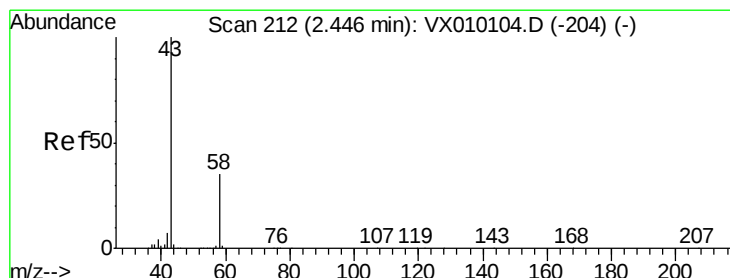
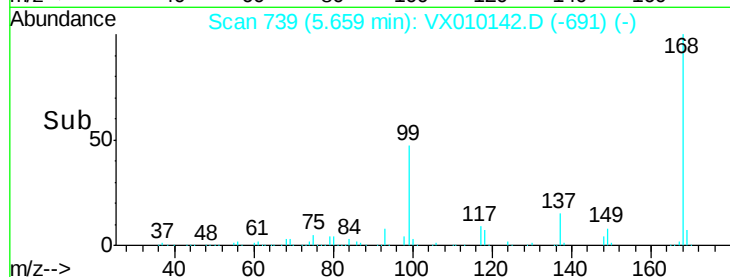
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.632 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010142.D

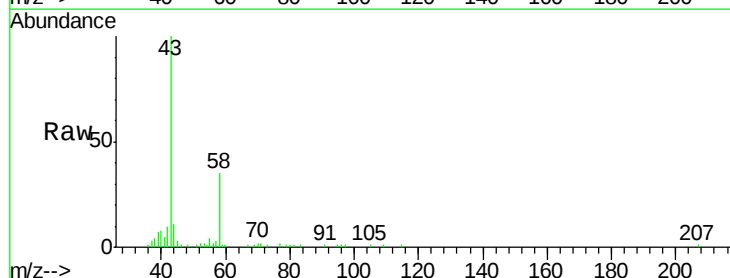
Acq: 08 Jun 2019 16:43

Tgt Ion: 43 Resp: 10527

Ion Ratio Lower Upper

43 100

58 36.2 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

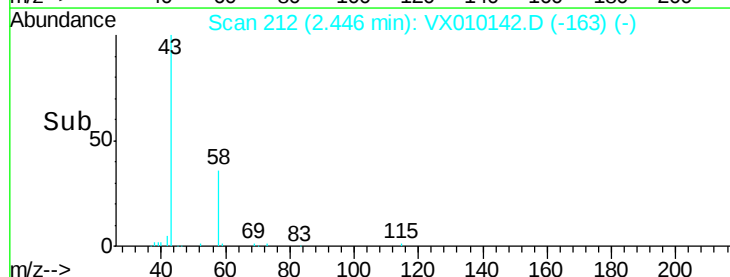
6000

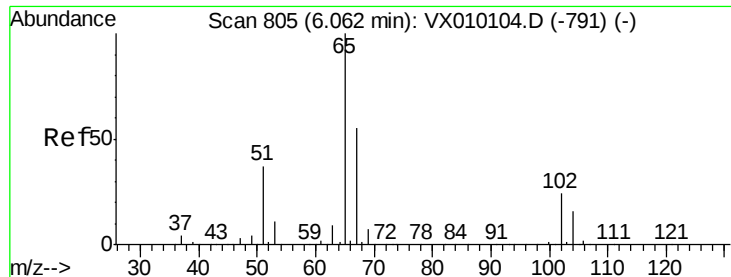
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 45.491 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010142.D

Acq: 08 Jun 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

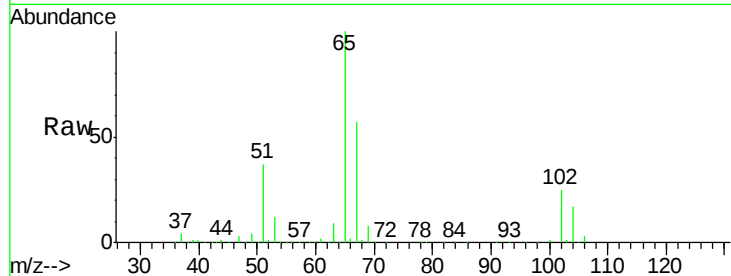
EB01-20190606

Tot Ion: 65 Resp: 133408

Ion Ratio Lower Upper

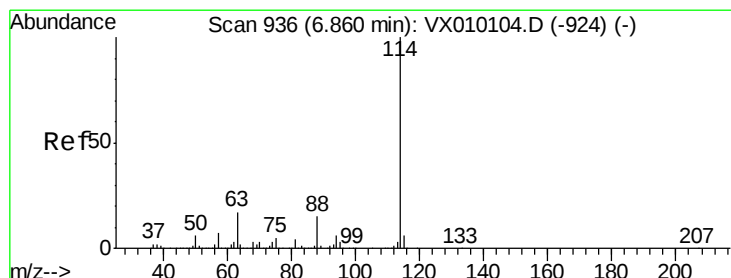
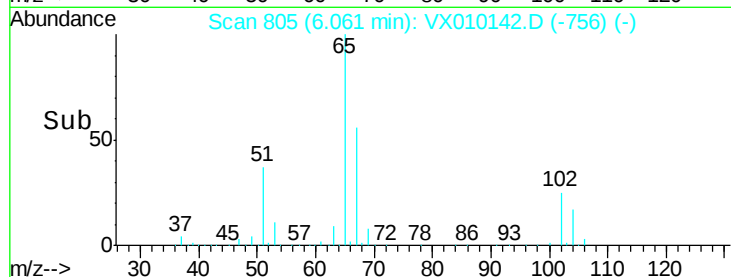
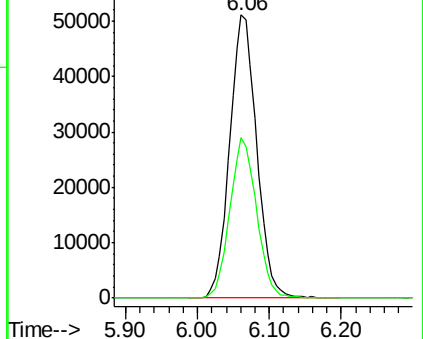
65 100

67 56.1 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: VX010142.D

Acq: 08 Jun 2019 16:43

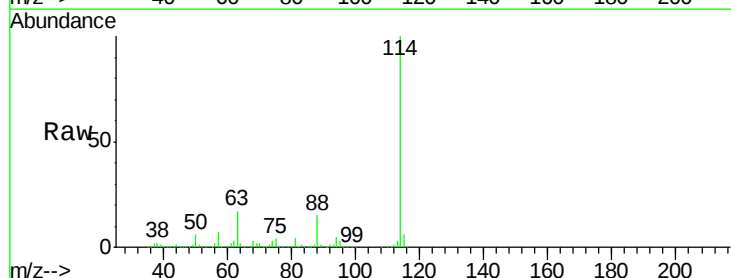
Tgt Ion: 114 Resp: 453106

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

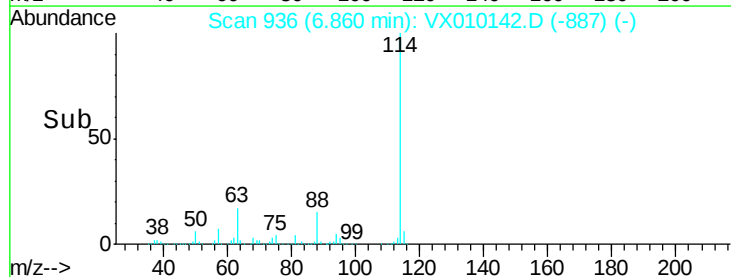
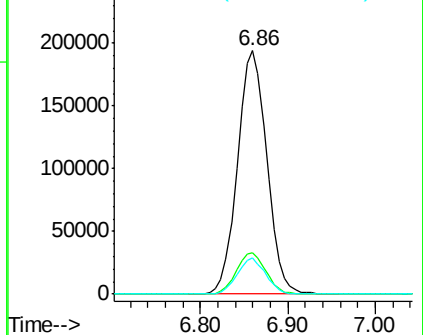
88 14.9 0.0 33.0

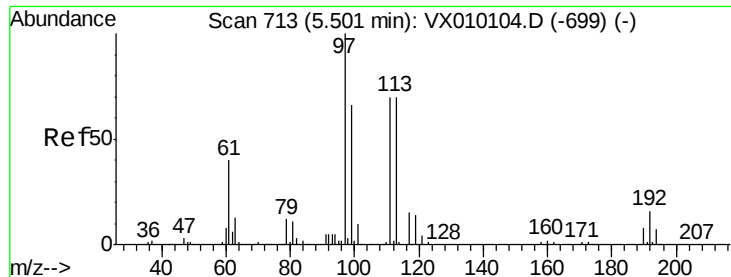


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010142.D

Acq: 08 Jun 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

EB01-20190606

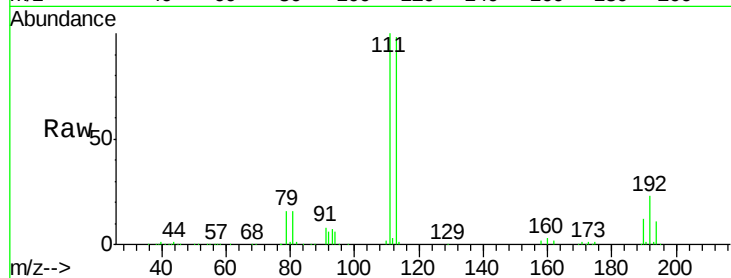
Tot Ion:113 Resp: 141828

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

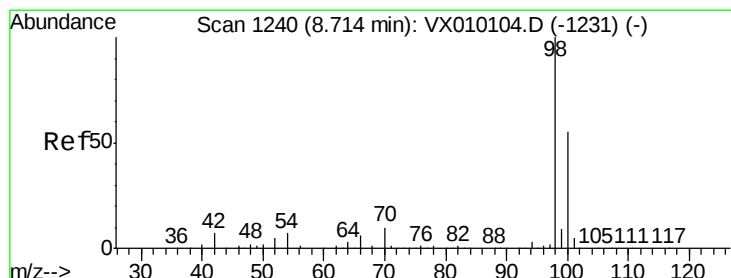
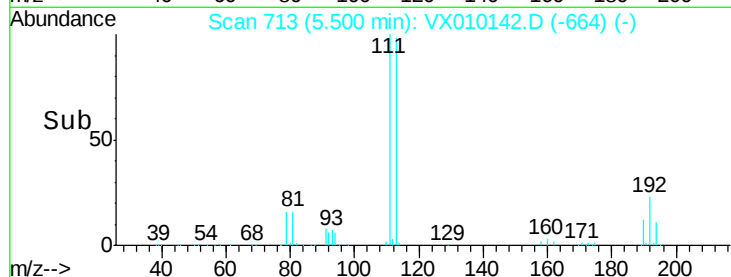
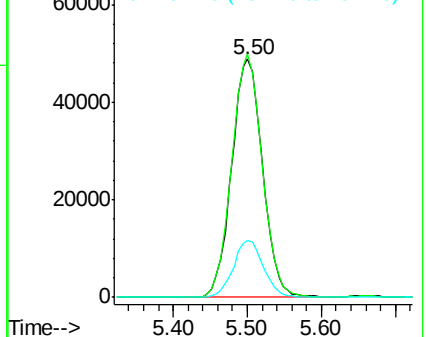
192 23.2 17.1 25.7



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: 50.548 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010142.D

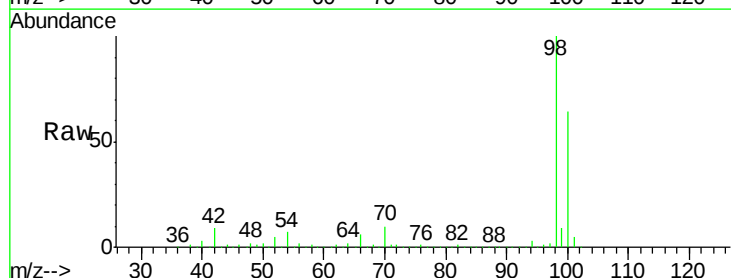
Acq: 08 Jun 2019 16:43

Tgt Ion: 98 Resp: 529478

Ion Ratio Lower Upper

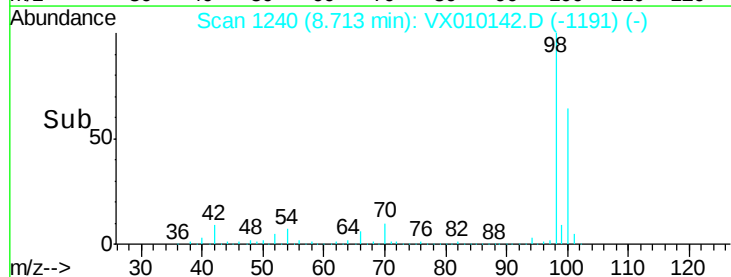
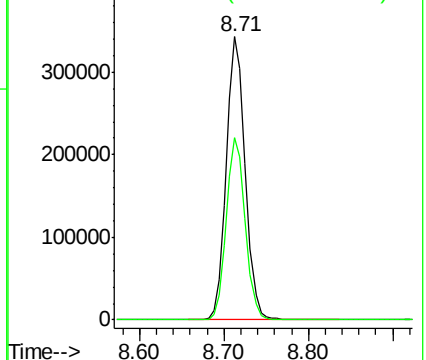
98 100

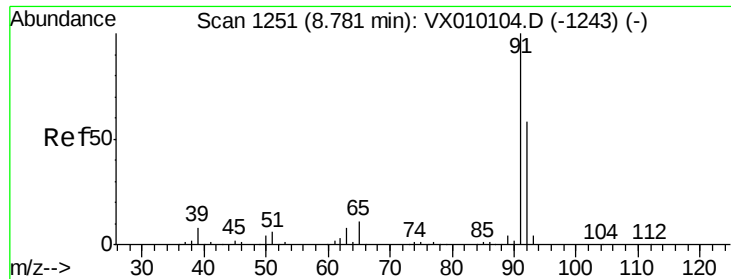
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#52

Toluene

Concen: 3.823 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010142.D

Acq: 08 Jun 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

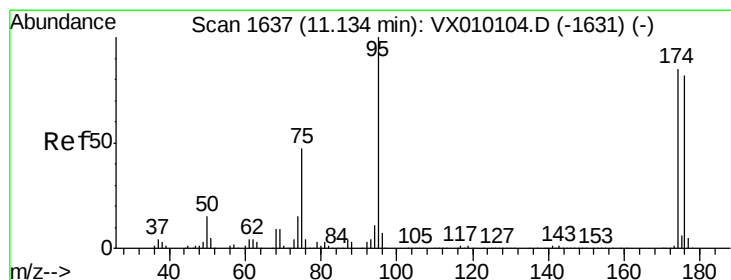
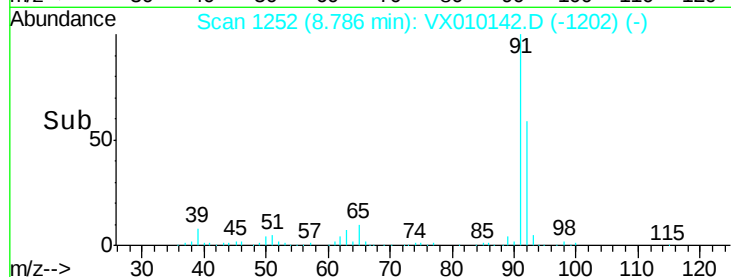
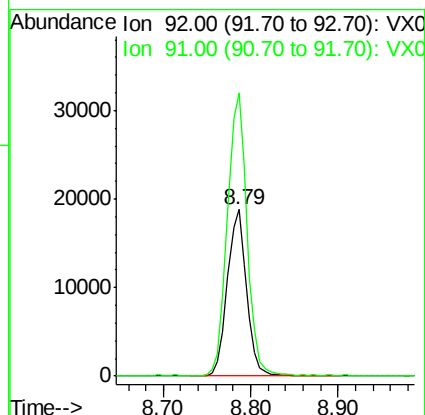
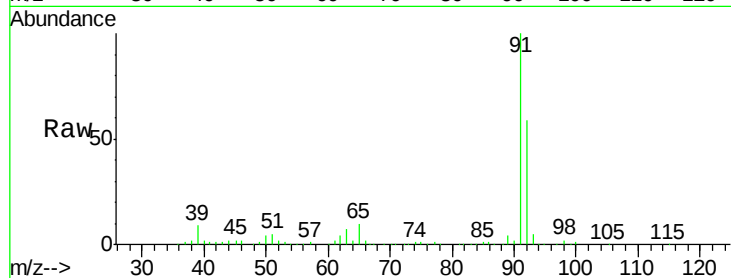
EB01-20190606

Tot Ion: 92 Resp: 28728

Ion Ratio Lower Upper

92 100

91 173.5 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 46.987 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010142.D

Acq: 08 Jun 2019 16:43

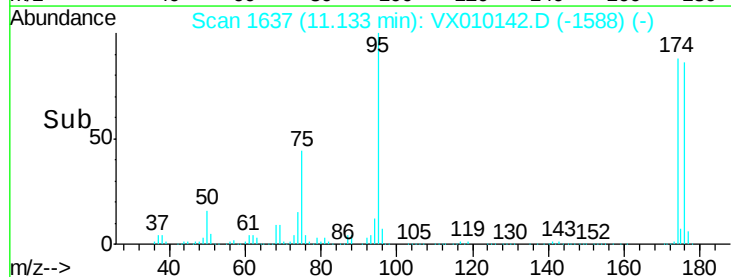
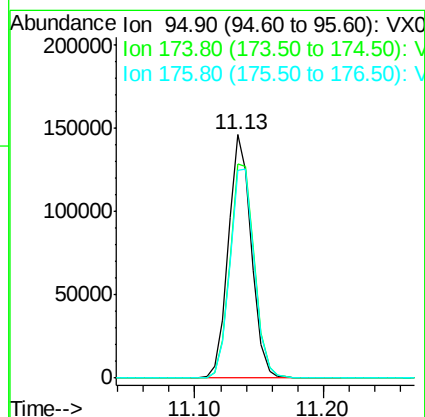
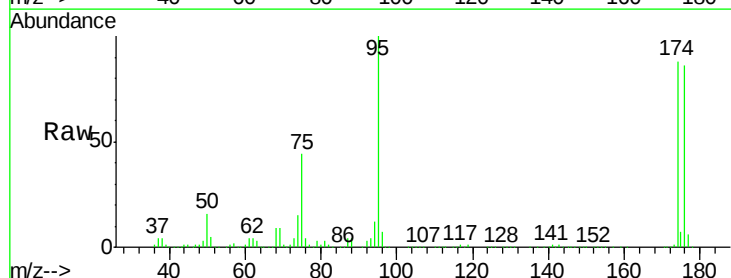
Tgt Ion: 95 Resp: 183807

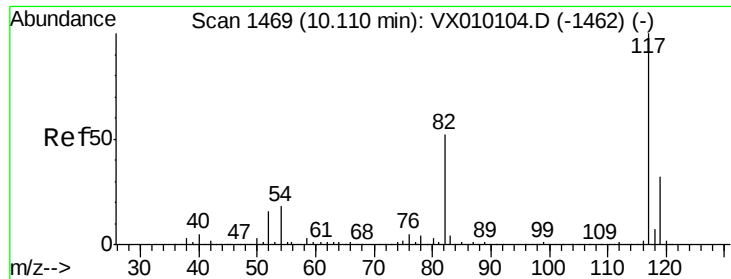
Ion Ratio Lower Upper

95 100

174 93.1 0.0 160.4

176 91.2 0.0 154.6

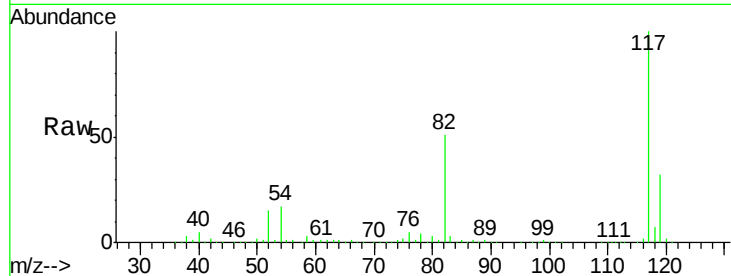




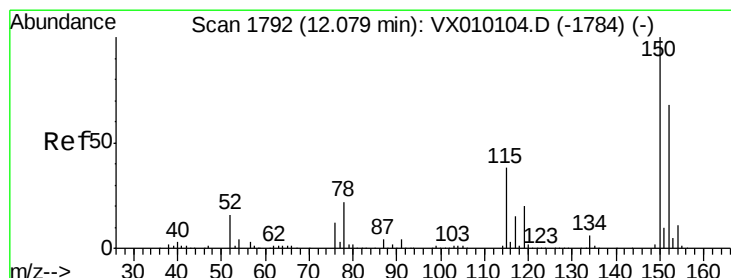
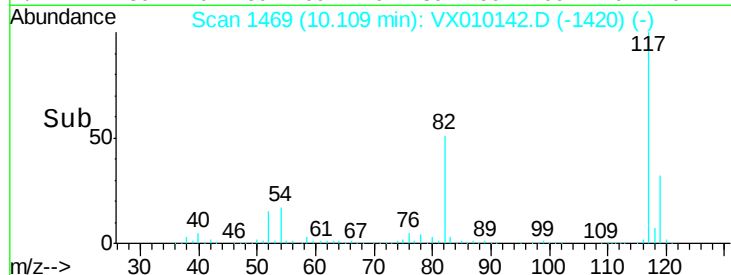
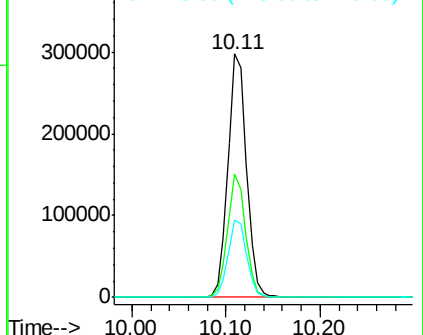
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010142.D
Acq: 08 Jun 2019 16:43

Instrument :
MSVOA_X
ClientSampleId :
EB01-20190606

Tot Ion:117 Resp: 408395
Ion Ratio Lower Upper
117 100
82 50.6 49.2 73.8
119 31.9 25.2 37.8

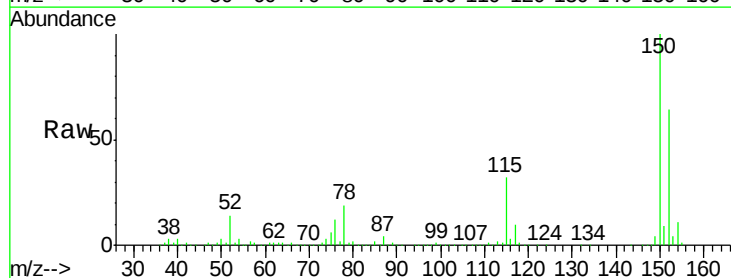


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010142.D
Acq: 08 Jun 2019 16:43

Tgt Ion:152 Resp: 188530
Ion Ratio Lower Upper
152 100
115 53.9 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

