

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009126.D
 Acq On : 23 Apr 2019 17:14
 Operator : JC/SP
 Sample : K2535-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016

Quant Time: Apr 24 05:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

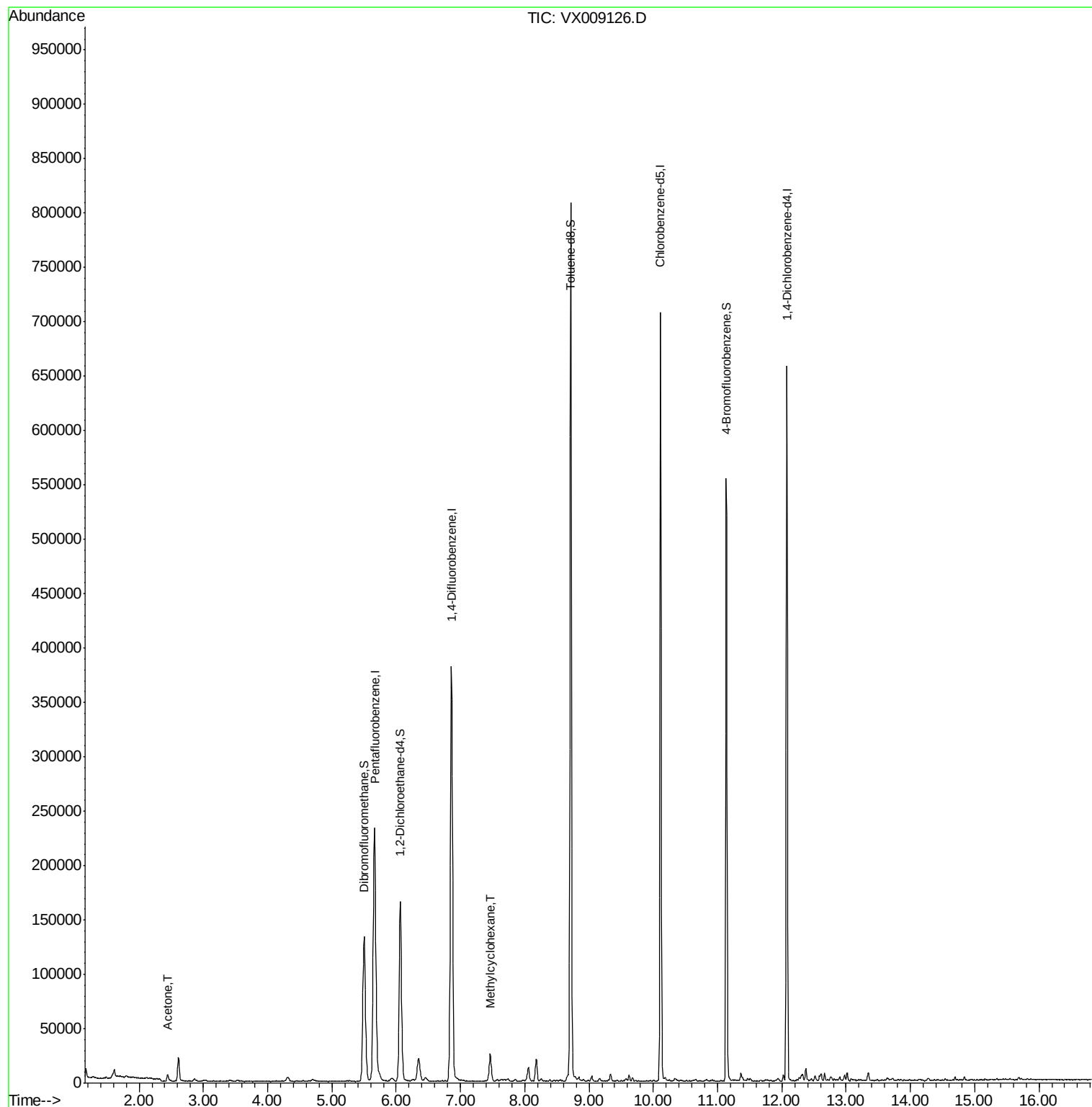
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	156370	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	114620	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	460937	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.13	95	147547	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
16) Acetone	2.45	43	7111	4.245	ug/l	98
39) Methylcyclohexane	7.46	83	10153	2.146	ug/l	97

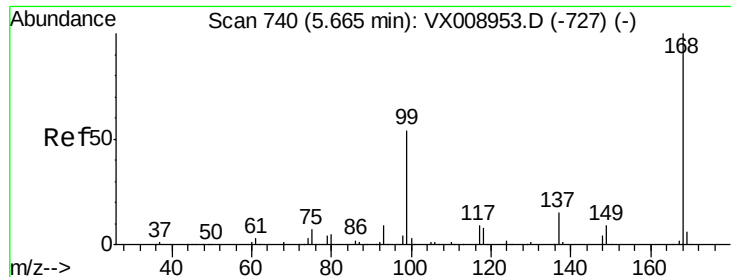
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009126.D

Acq: 23 Apr 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

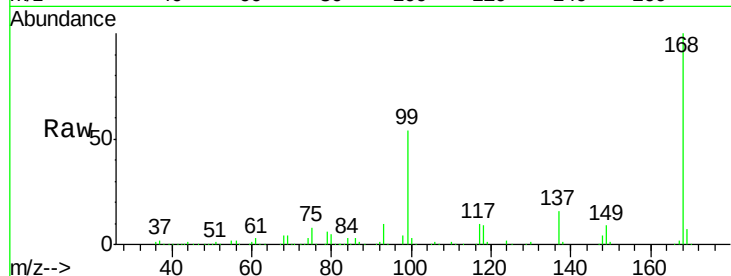
S37-0016

Tot Ion:168 Resp: 229217

Ion Ratio Lower Upper

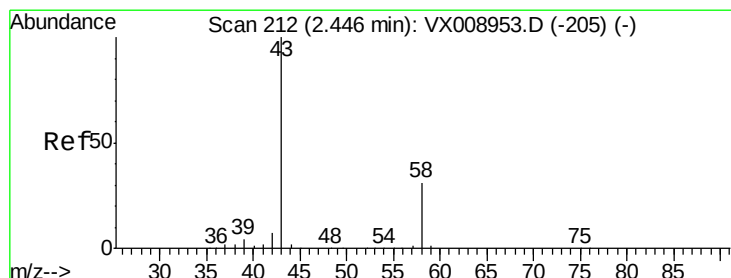
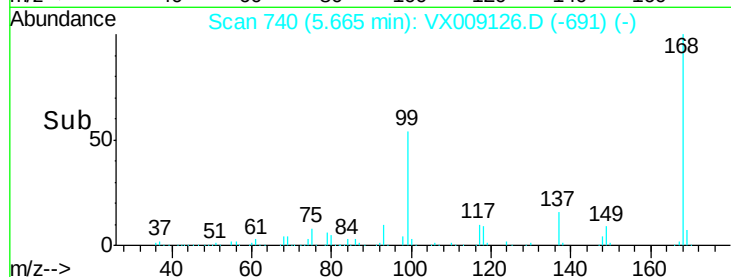
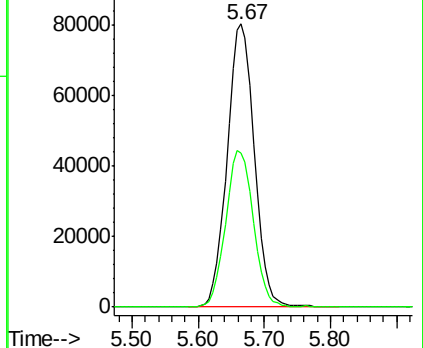
168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.245 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009126.D

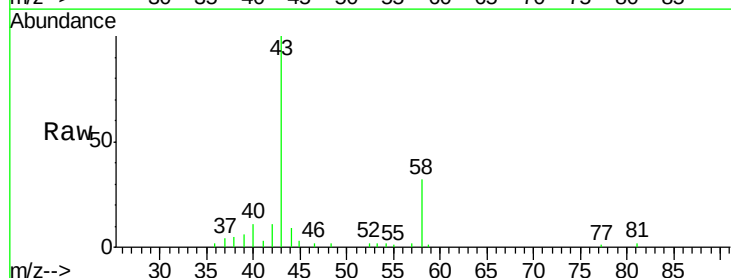
Acq: 23 Apr 2019 17:14

Tgt Ion: 43 Resp: 7111

Ion Ratio Lower Upper

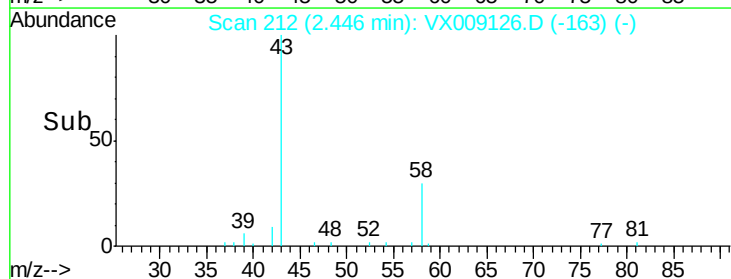
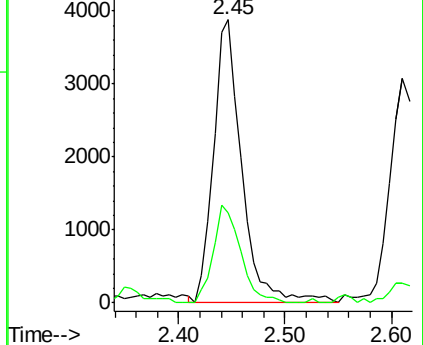
43 100

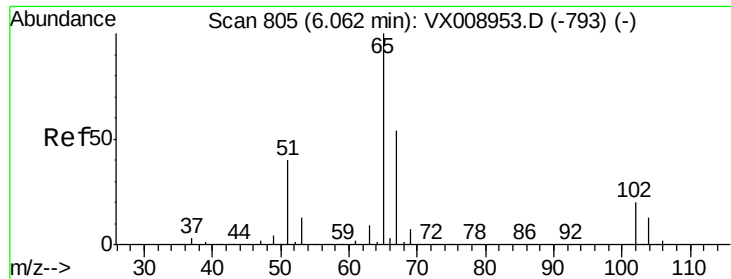
58 31.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

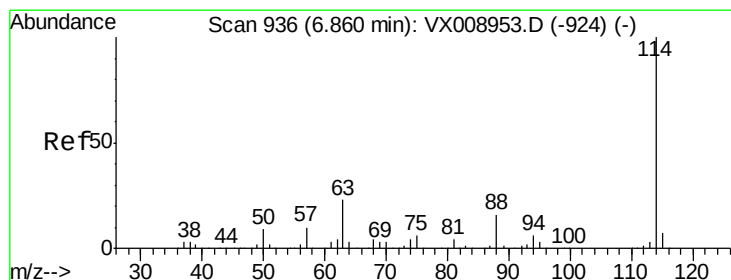
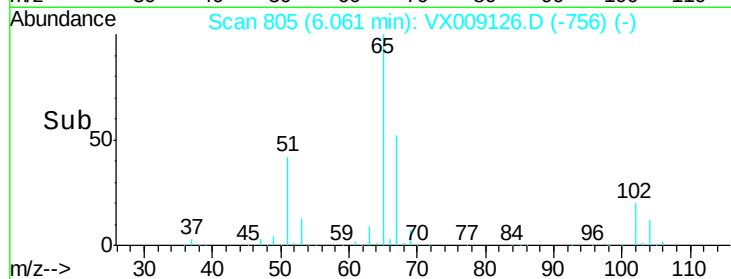
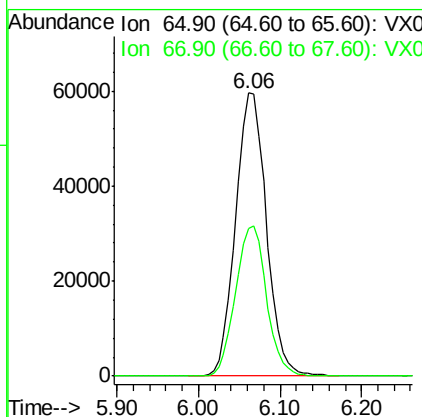
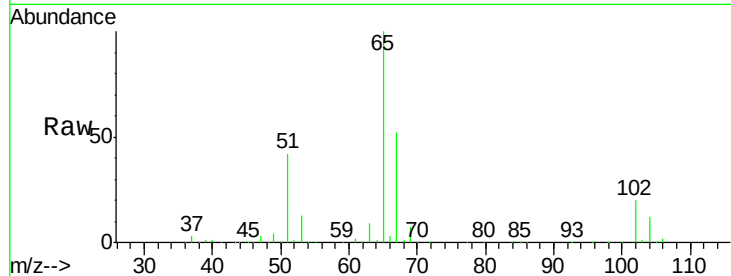




#33
 1,2-Dichloroethane-d4
 Concen: 48.407 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009126.D
 Acq: 23 Apr 2019 17:14

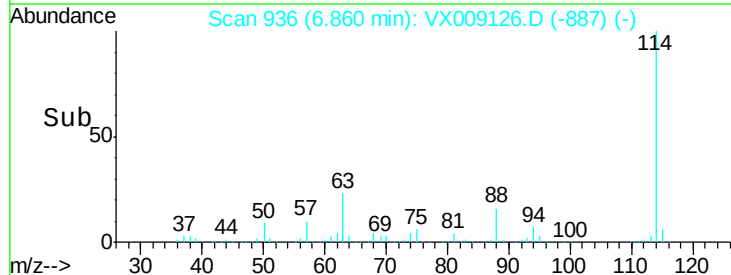
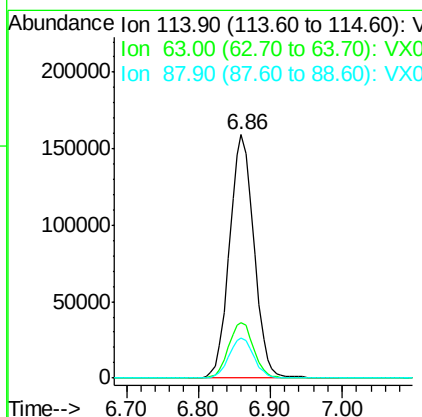
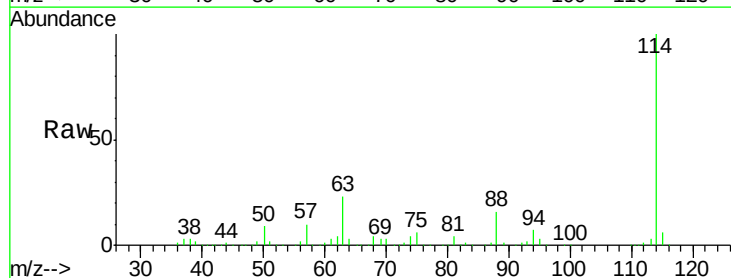
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016

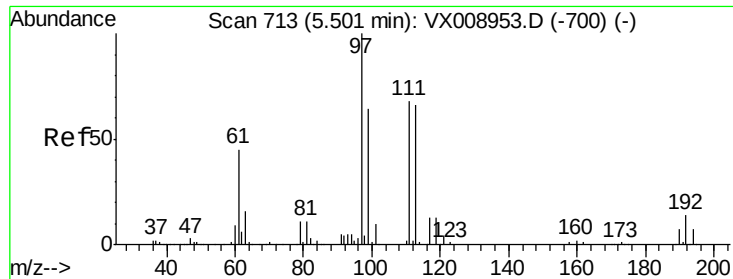
Tot Ion: 65 Resp: 156370
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009126.D
 Acq: 23 Apr 2019 17:14

Tgt Ion: 114 Resp: 375703
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.537 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009126.D

Acq: 23 Apr 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

S37-0016

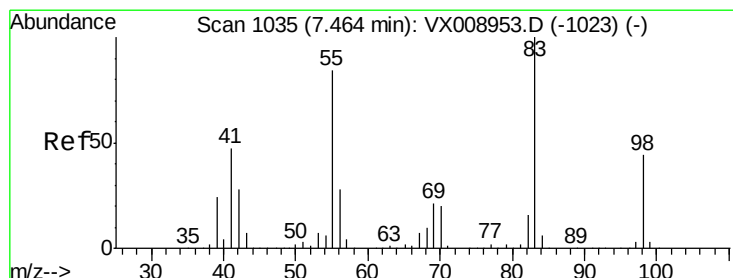
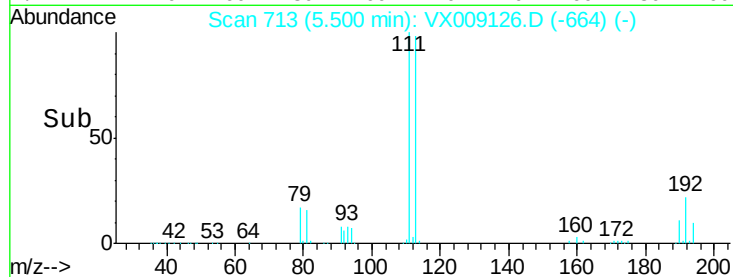
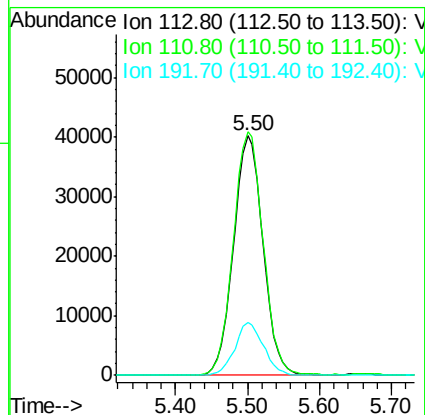
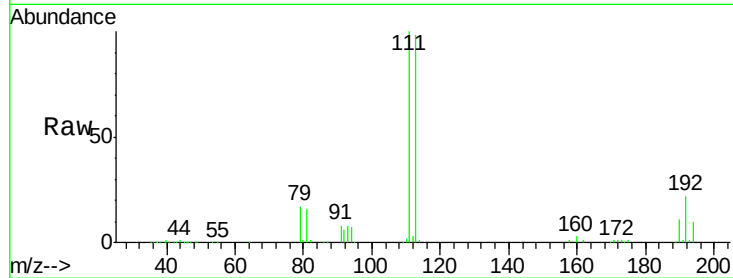
Tot Ion:113 Resp: 114620

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 21.4 17.4 26.0



#39

Methylcyclohexane

Concen: 2.146 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX009126.D

Acq: 23 Apr 2019 17:14

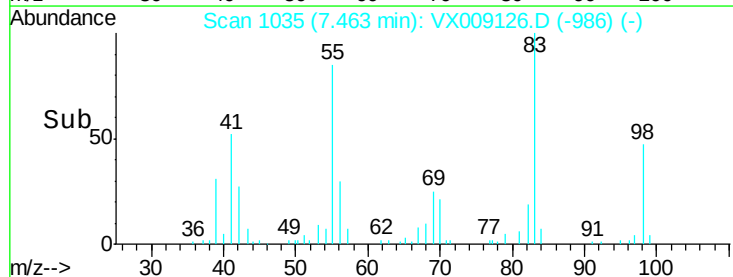
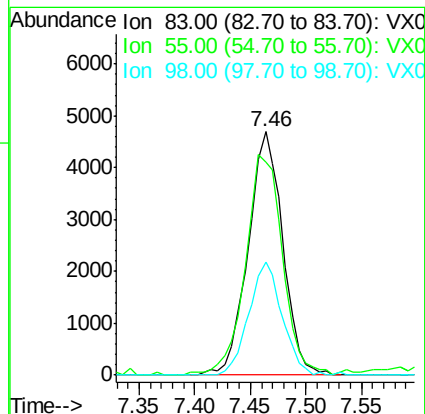
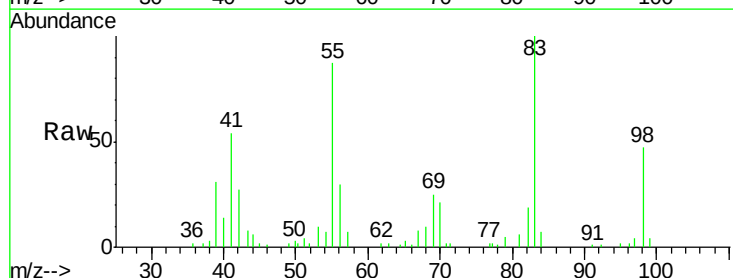
Tgt Ion: 83 Resp: 10153

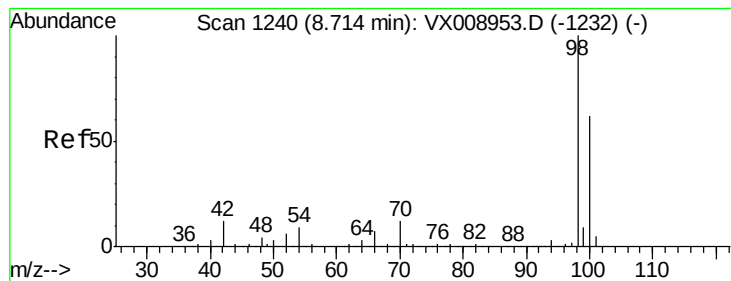
Ion Ratio Lower Upper

83 100

55 86.0 67.1 100.7

98 46.5 35.1 52.7





#50

Toluene-d8

Concen: 47.935 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009126.D

Acq: 23 Apr 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

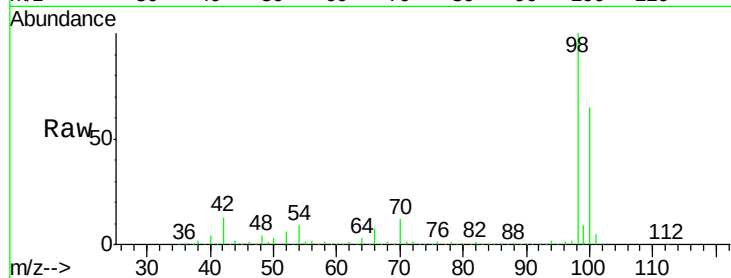
S37-0016

Tot Ion: 98 Resp: 460937

Ion Ratio Lower Upper

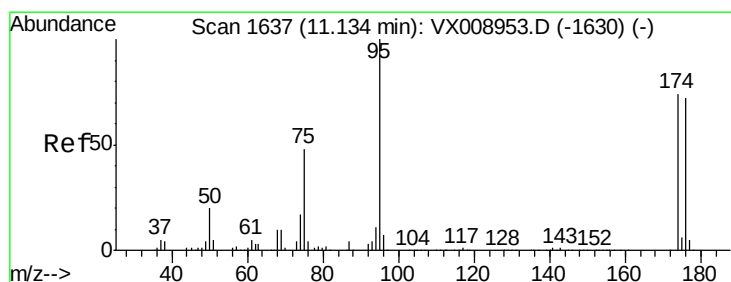
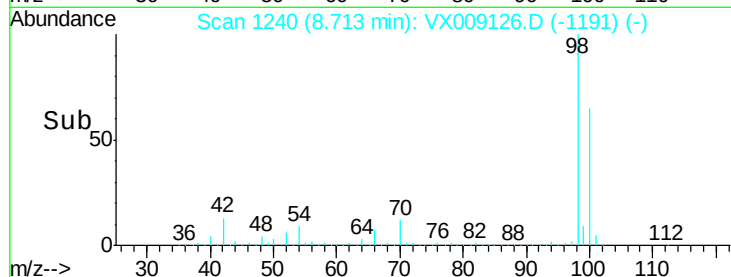
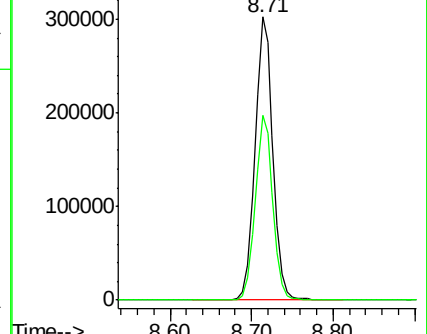
98 100

100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.467 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009126.D

Acq: 23 Apr 2019 17:14

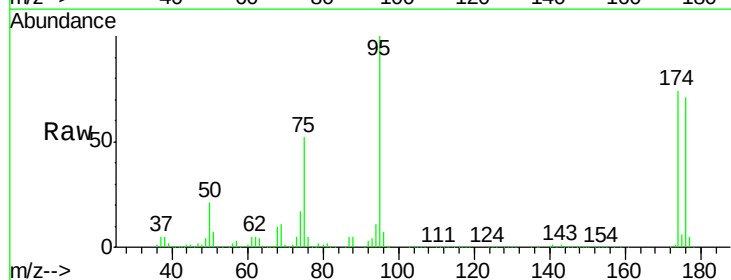
Tgt Ion: 95 Resp: 147547

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

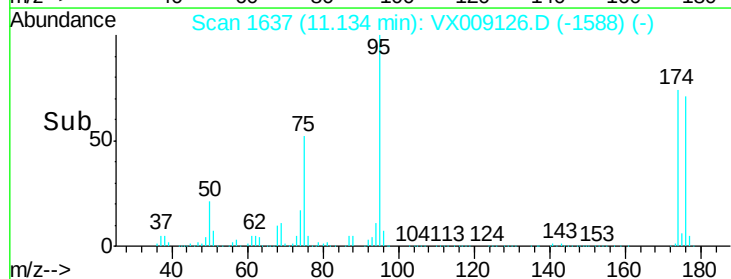
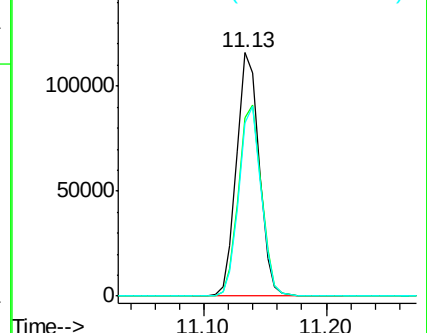
176 76.9 0.0 154.8

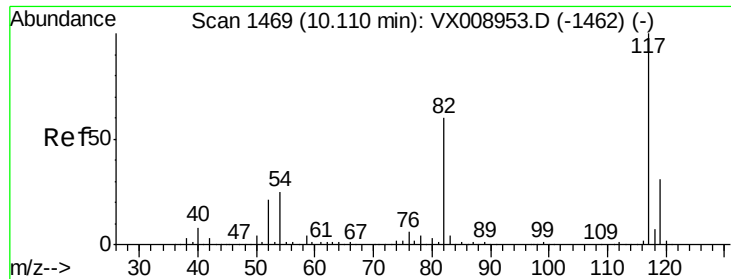


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

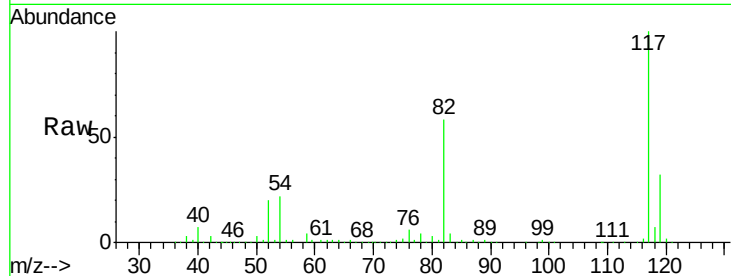




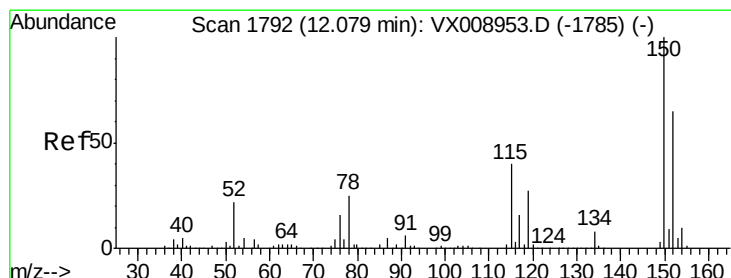
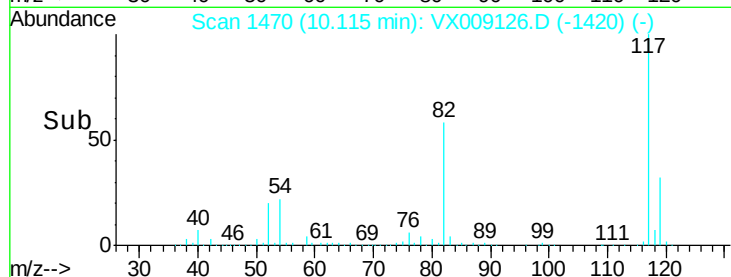
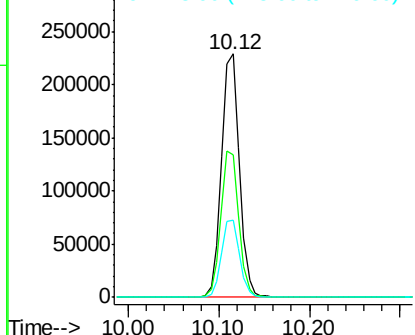
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009126.D
Acq: 23 Apr 2019 17:14

Instrument :
MSVOA_X
ClientSampled :
S37-0016

Tot Ion:117 Resp: 316588
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 31.9 25.0 37.6

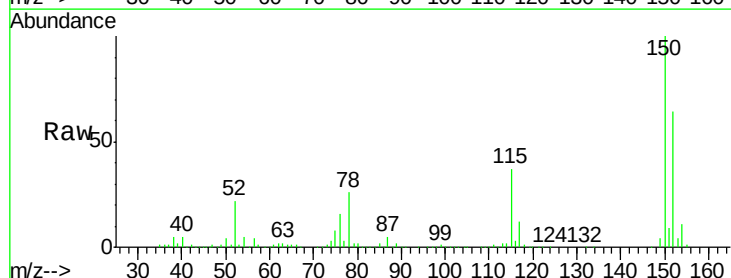


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009126.D
Acq: 23 Apr 2019 17:14

Tgt Ion:152 Resp: 130823
Ion Ratio Lower Upper
152 100
115 59.1 41.4 124.2
150 155.9 0.0 349.8



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

