

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010336.D
 Acq On : 18 Jun 2019 12:29
 Operator : JC/SP
 Sample : K3427-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190617

Quant Time: Jun 19 01:33:13 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

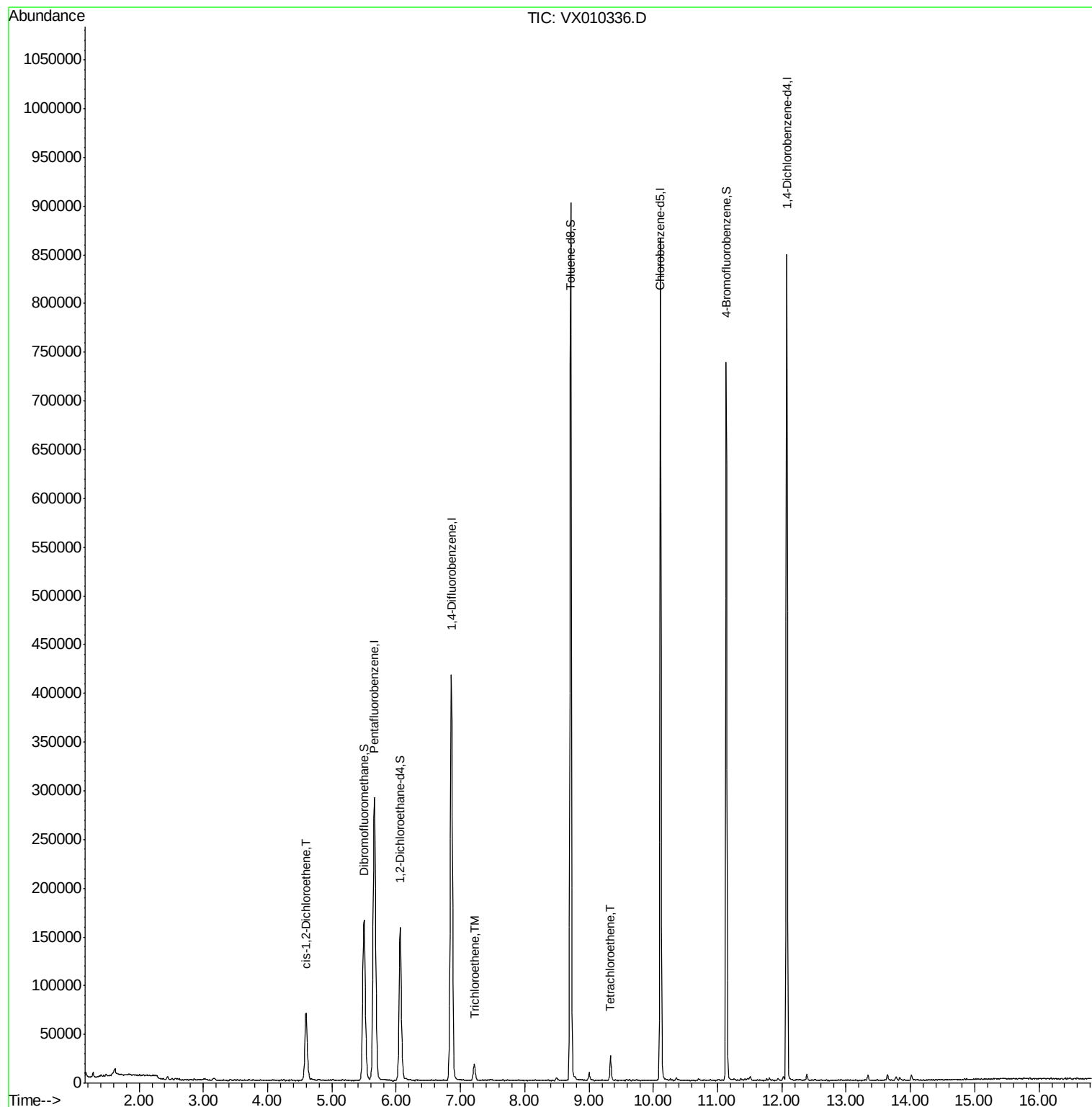
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141364	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	5.50	113	142739	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	550054	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	186807	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	48706	14.216	ug/l	69
44) Trichloroethene	7.21	130	7504	2.104	ug/l	83
64) Tetrachloroethene	9.34	164	5176	1.661	ug/l	95

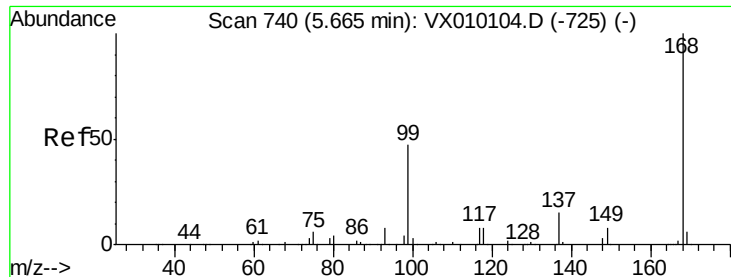
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

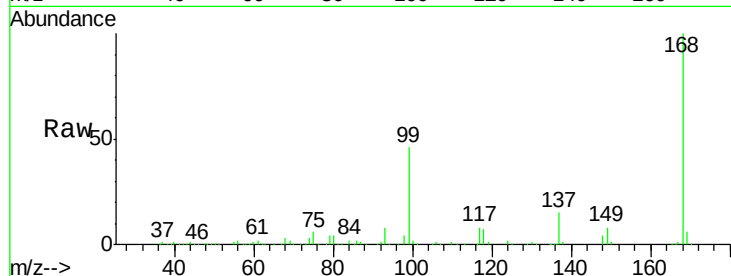
KY038PS027-190617

Tot Ion:168 Resp: 309821

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

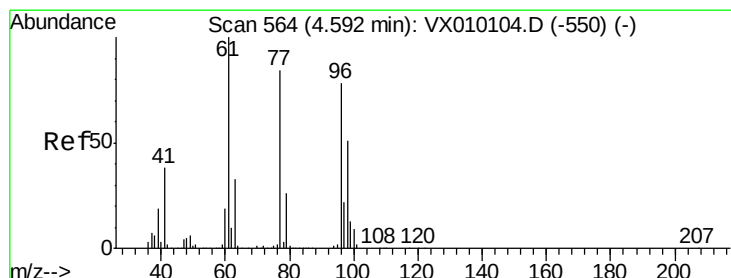
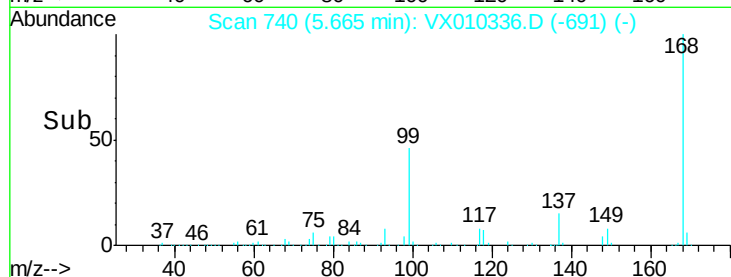
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 14.216 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

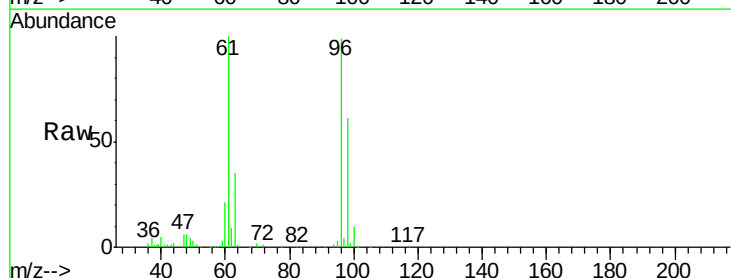
Tgt Ion: 96 Resp: 48706

Ion Ratio Lower Upper

96 100

61 108.3 0.0 334.0

98 65.0 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

25000

20000

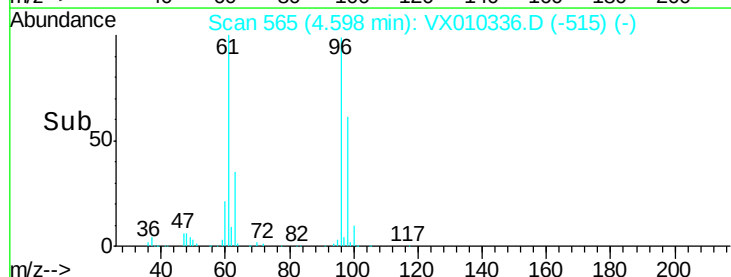
15000

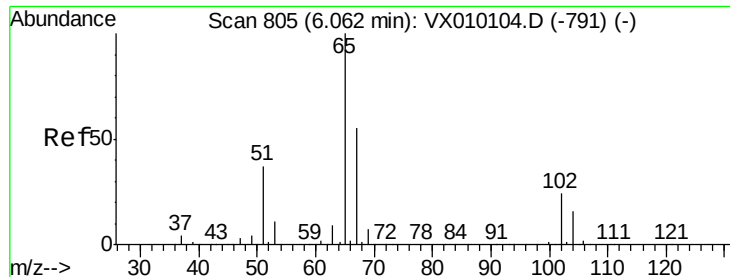
10000

5000

0

Time--> 4.50 4.60 4.70

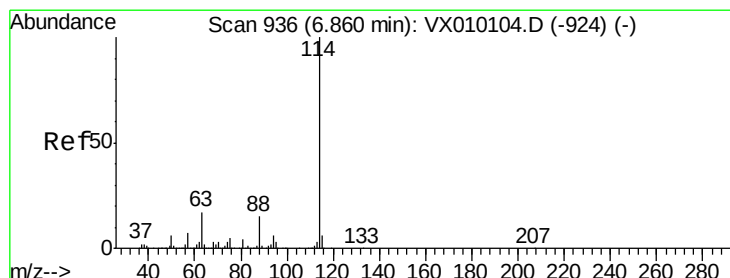
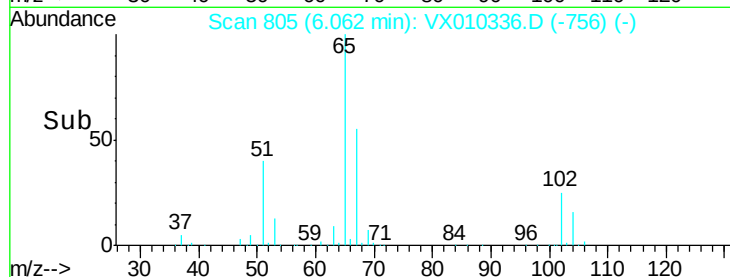
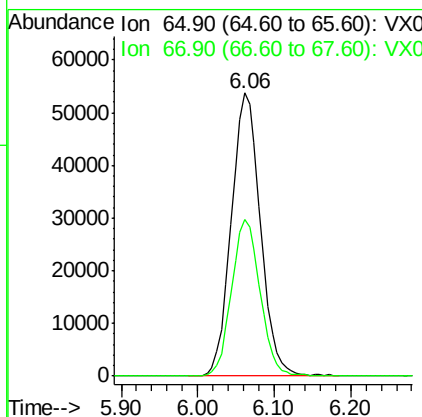
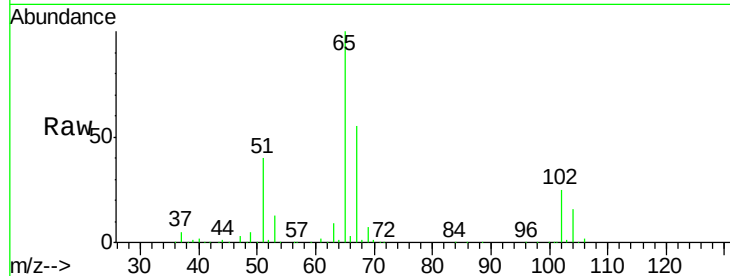




#33
 1,2-Dichloroethane-d4
 Concen: 46.744 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010336.D
 Acq: 18 Jun 2019 12:29

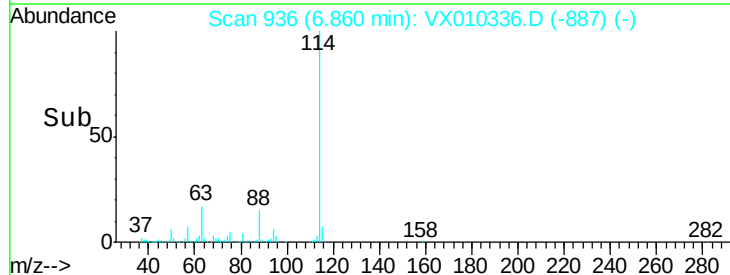
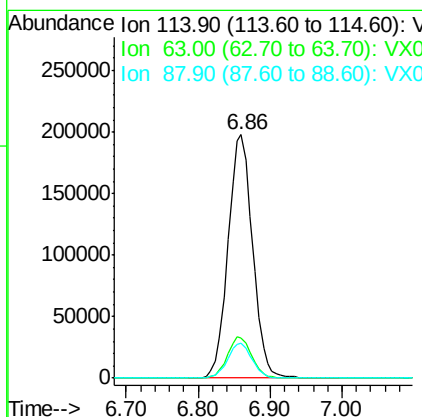
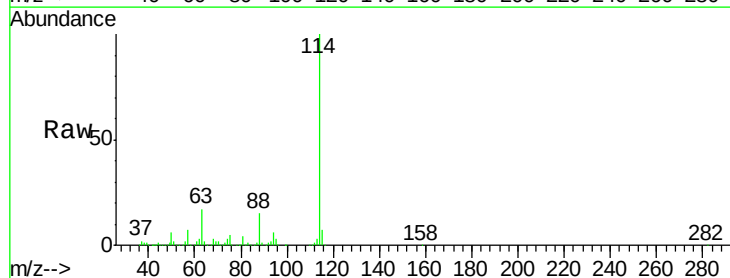
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190617

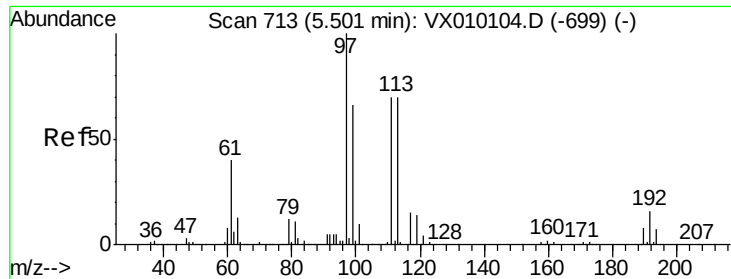
Tot Ion: 65 Resp: 141364
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010336.D
 Acq: 18 Jun 2019 12:29

Tgt Ion: 114 Resp: 469093
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 47.4
 88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.331 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190617

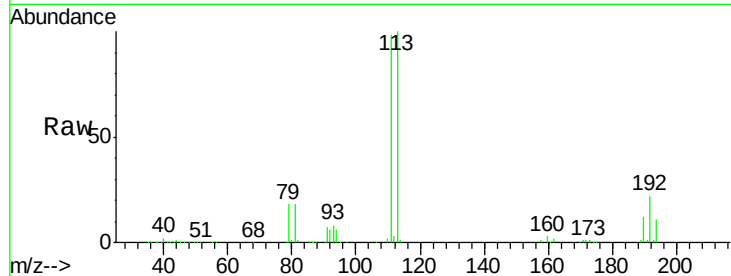
Tot Ion:113 Resp: 142739

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

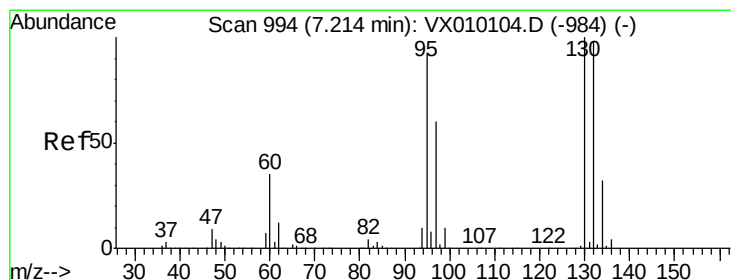
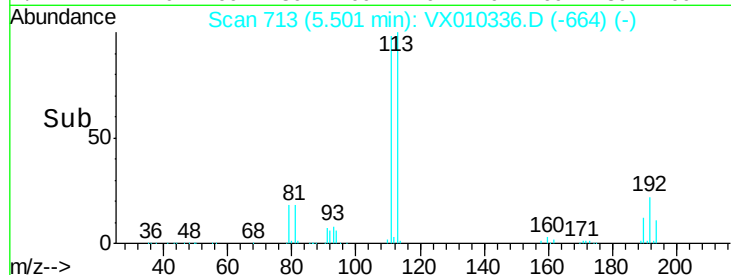
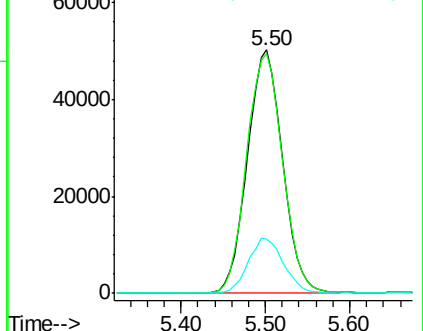
192 23.0 17.1 25.7



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



#44

Trichloroethene

Concen: 2.104 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010336.D

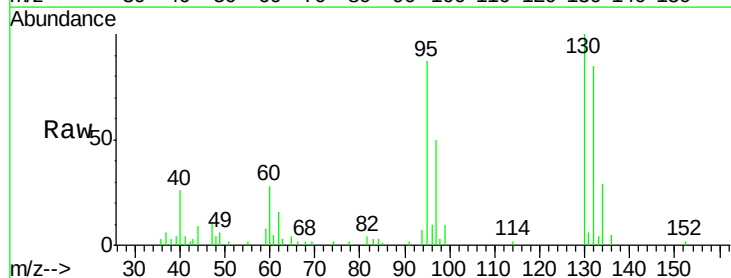
Acq: 18 Jun 2019 12:29

Tgt Ion:130 Resp: 7504

Ion Ratio Lower Upper

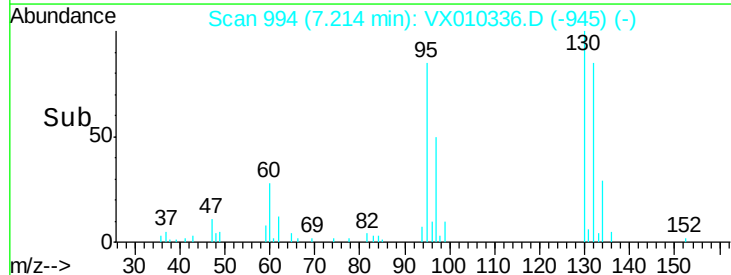
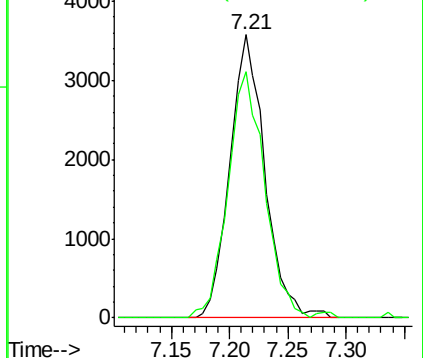
130 100

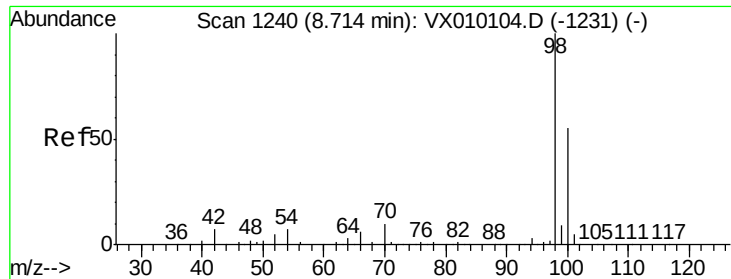
95 86.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.723 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

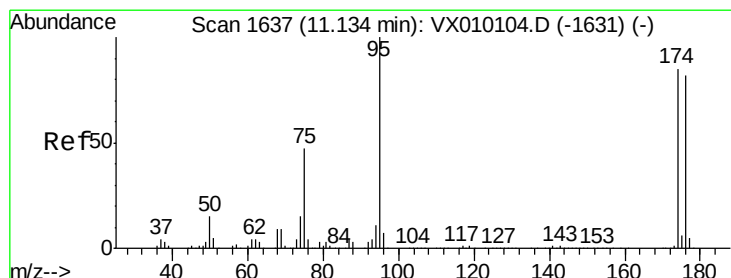
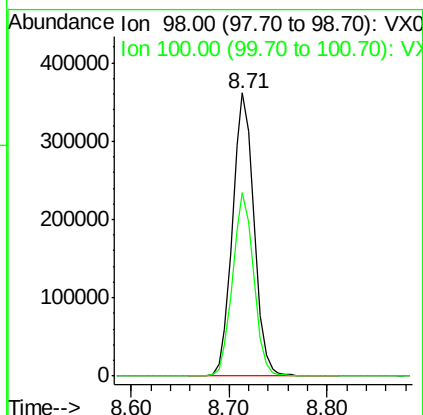
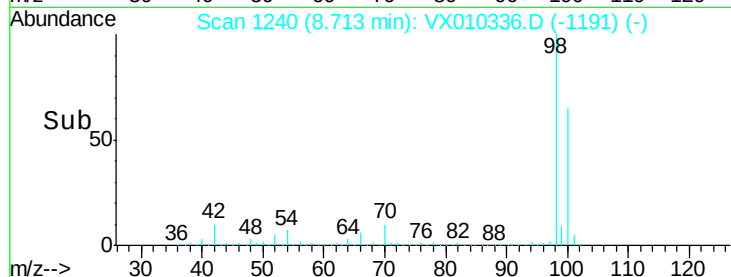
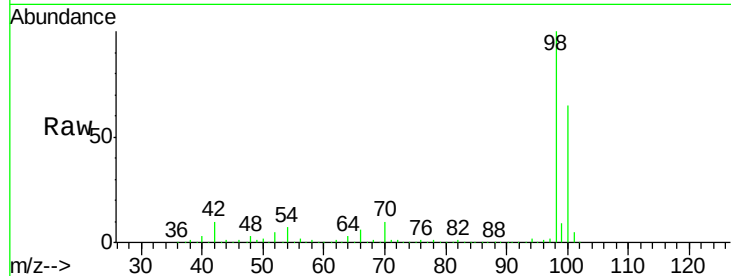
KY038PS027-190617

Tot Ion: 98 Resp: 550054

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.126 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

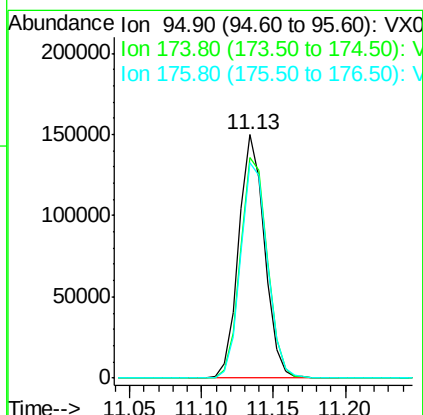
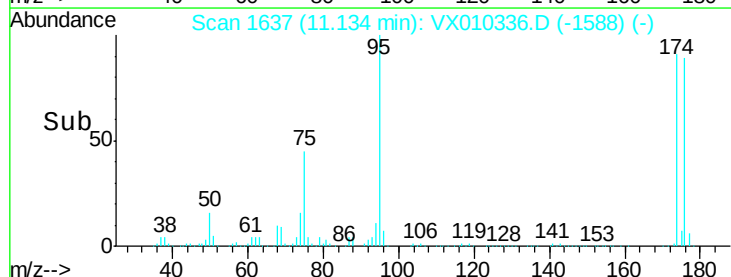
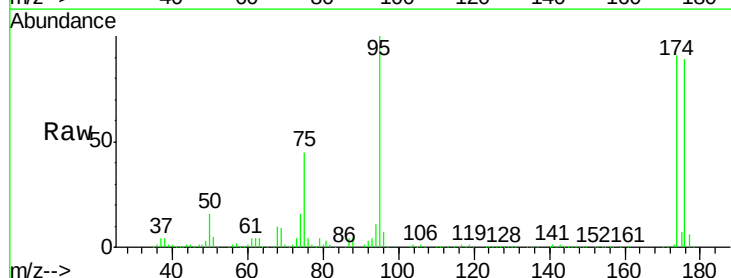
Tgt Ion: 95 Resp: 186807

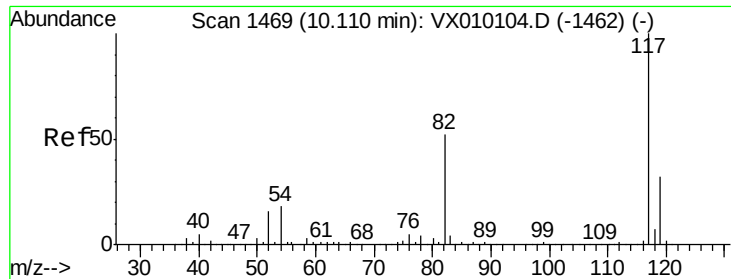
Ion Ratio Lower Upper

95 100

174 94.6 0.0 160.4

176 91.9 0.0 154.6

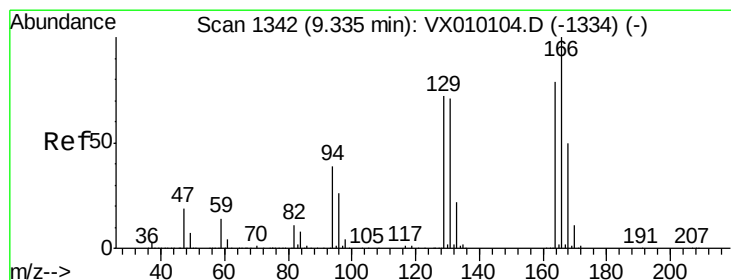
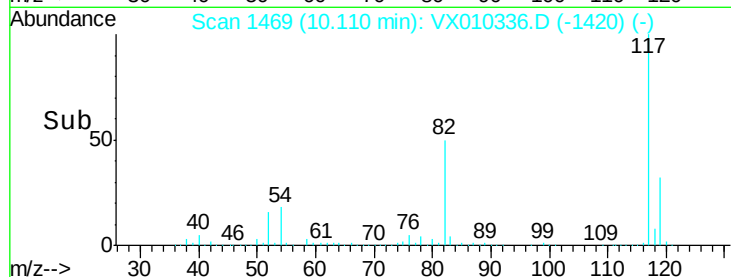
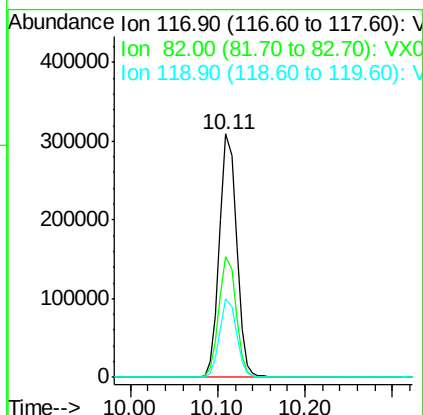
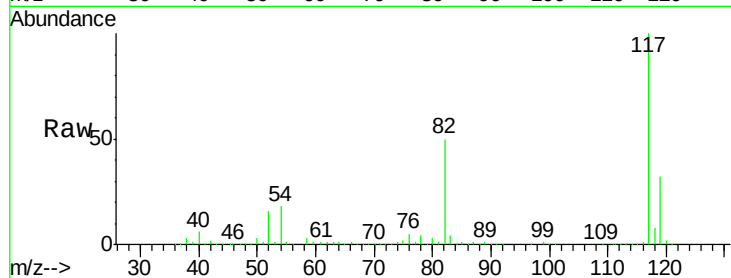




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010336.D
Acq: 18 Jun 2019 12:29

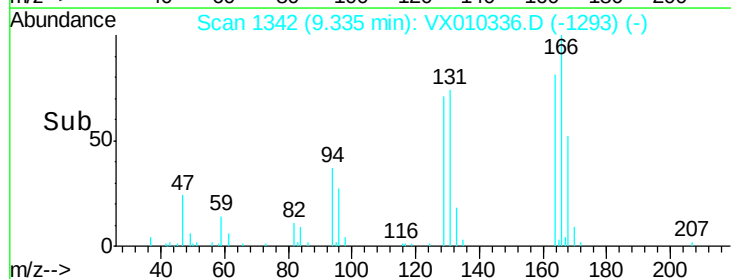
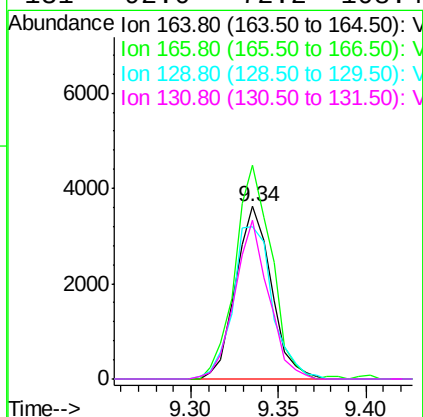
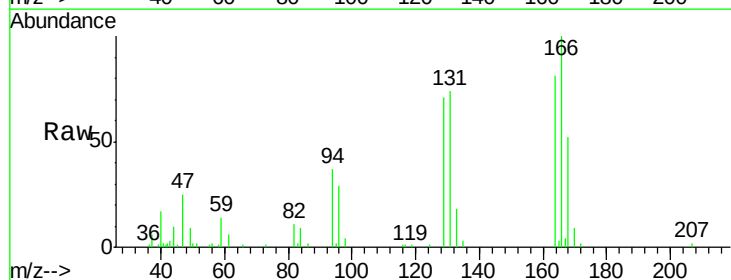
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190617

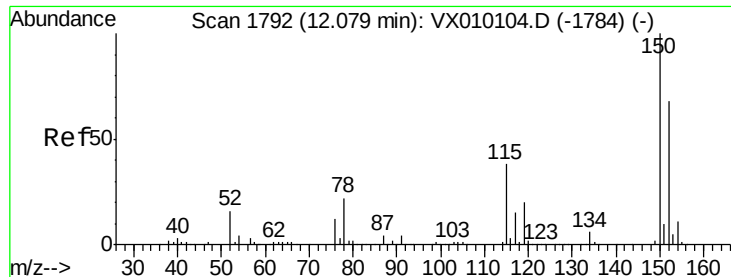
Tot Ion:117 Resp: 419550
Ion Ratio Lower Upper
117 100
82 49.8 49.2 73.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 1.661 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010336.D
Acq: 18 Jun 2019 12:29

Tgt Ion:164 Resp: 5176
Ion Ratio Lower Upper
164 100
166 124.0 105.0 157.4
129 88.2 75.1 112.7
131 92.0 72.2 108.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010336.D

Acq: 18 Jun 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190617

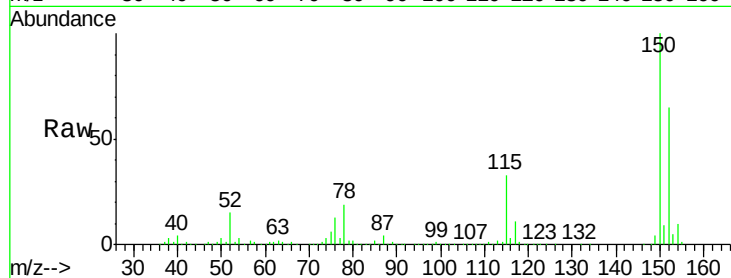
Tot Ion:152 Resp: 196912

Ion Ratio Lower Upper

152 100

115 53.3 41.4 124.2

150 154.3 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

