

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010337.D
 Acq On : 18 Jun 2019 12:52
 Operator : JC/SP
 Sample : K3427-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-190617

Quant Time: Jun 19 01:35:15 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

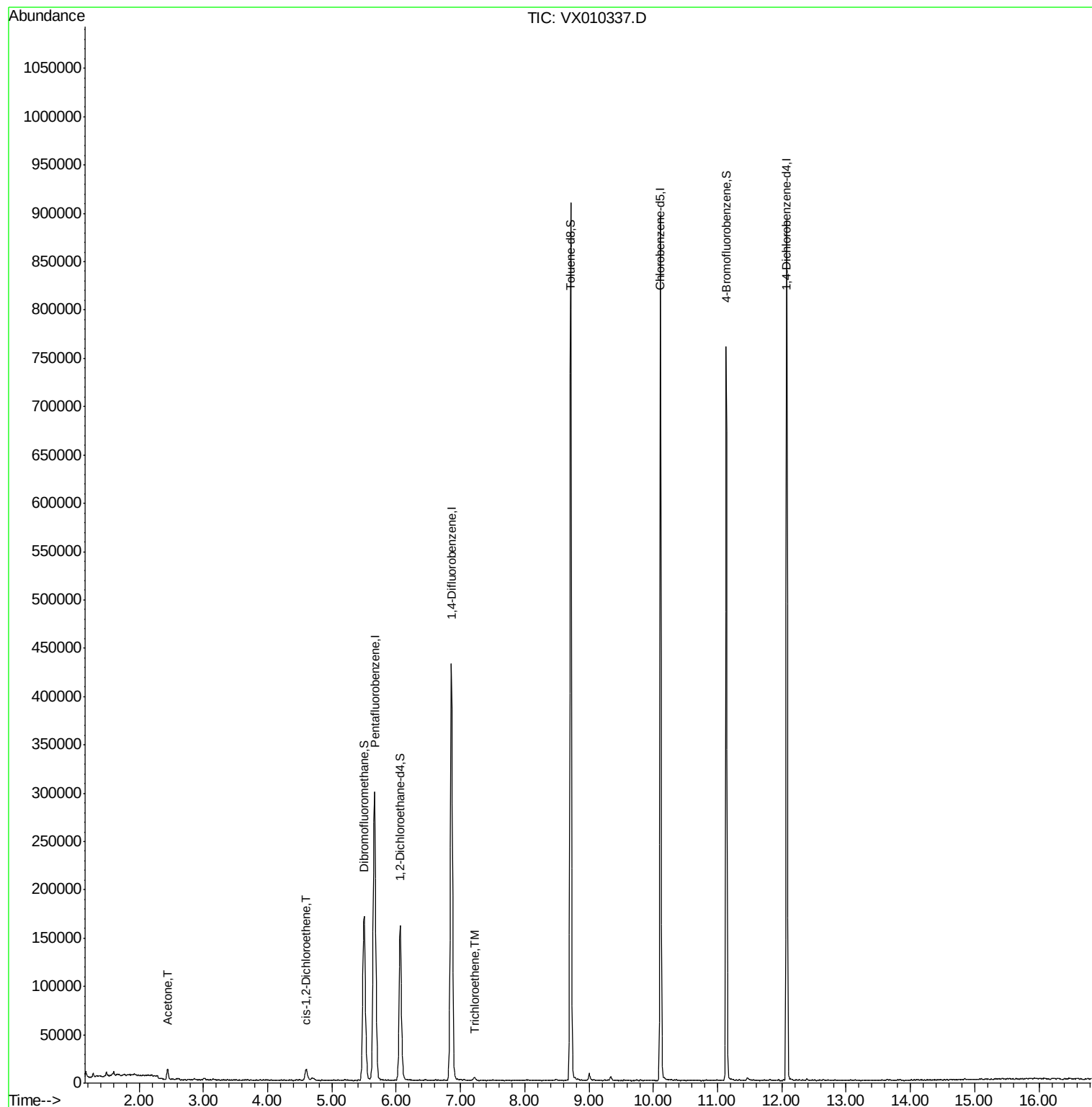
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	482092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144456	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
35) Dibromofluoromethane	5.50	113	145777	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	562736	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	191795	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
16) Acetone	2.45	43	11293	7.715	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	7535	2.137	ug/l	71
44) Trichloroethene	7.21	130	1348	0.368	ug/l	84

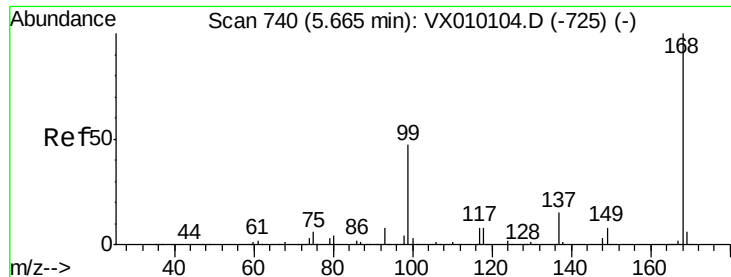
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010337.D

Acq: 18 Jun 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

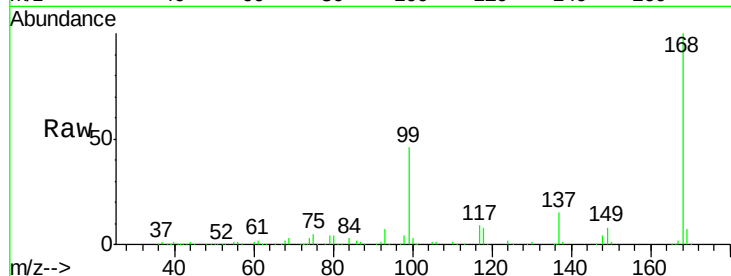
KY038PS037-190617

Tot Ion:168 Resp: 318811

Ion Ratio Lower Upper

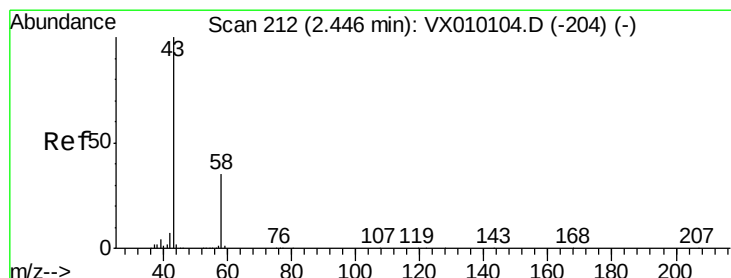
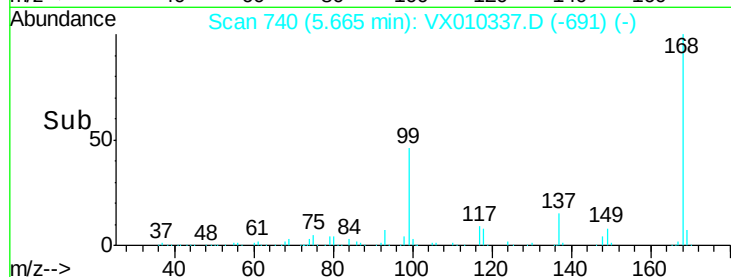
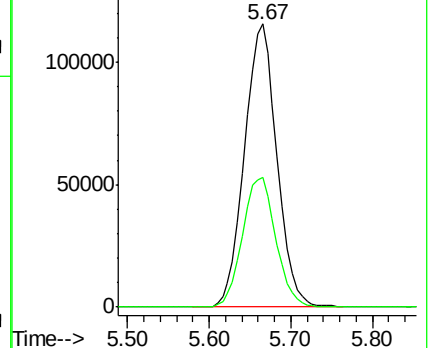
168 100

99 45.7 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: 7.715 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010337.D

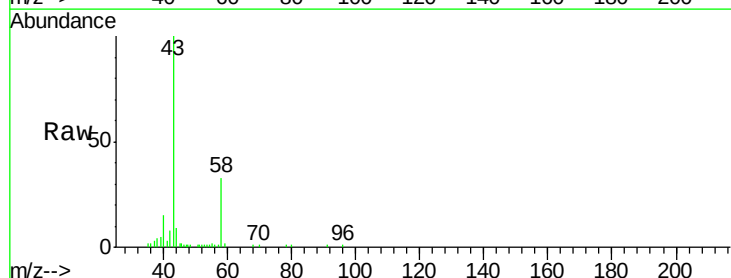
Acq: 18 Jun 2019 12:52

Tgt Ion: 43 Resp: 11293

Ion Ratio Lower Upper

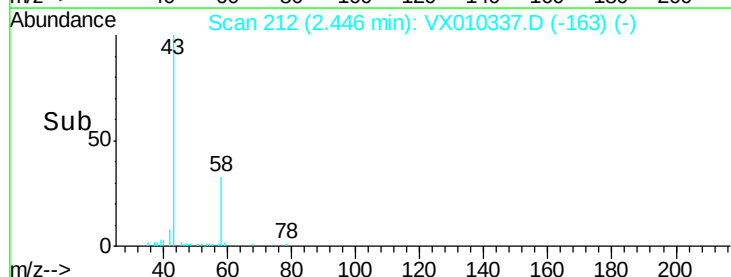
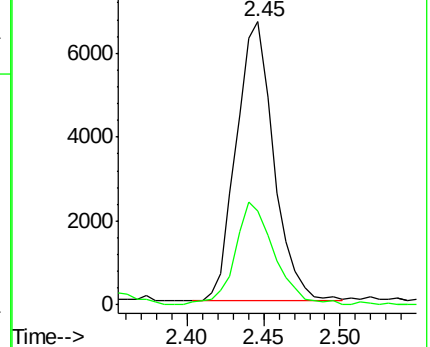
43 100

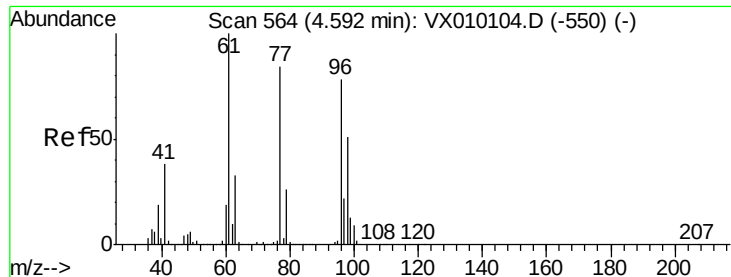
58 33.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



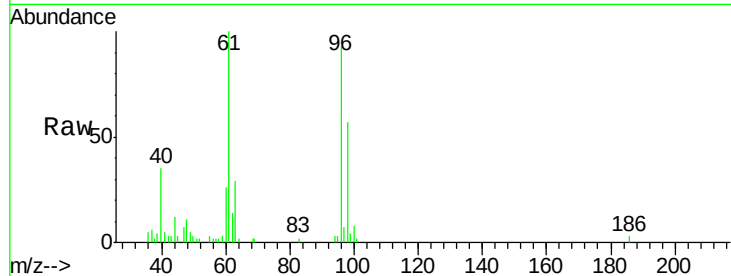


#27

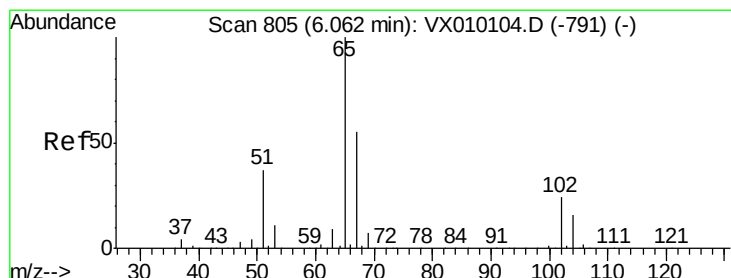
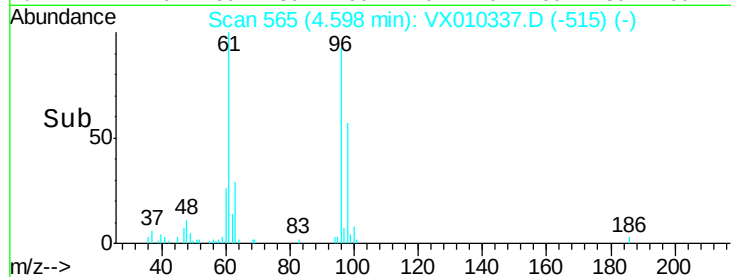
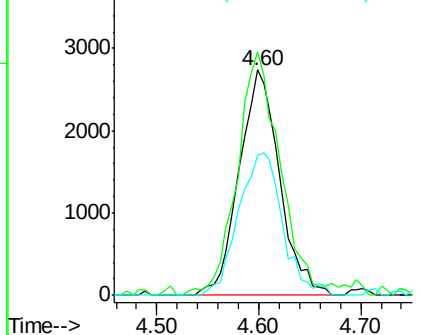
cis-1,2-Dichloroethene
 Concen: 2.137 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010337.D
 Acq: 18 Jun 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-190617

Tot Ion	96	Resp	7535
Ion	Ratio	Lower	Upper
96	100		
61	113.7	0.0	334.0
98	68.9	0.0	131.6



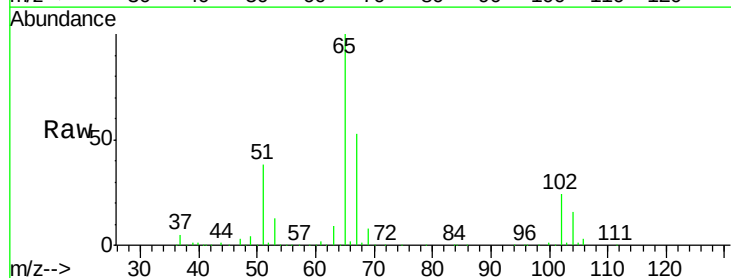
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



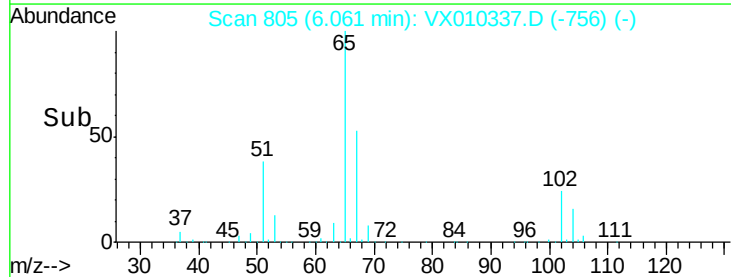
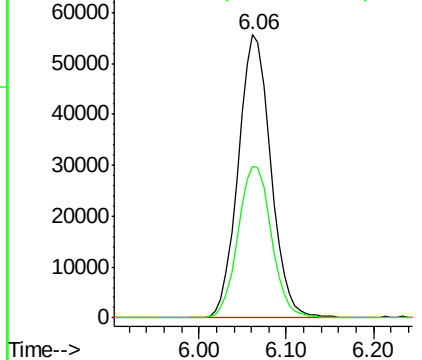
#33

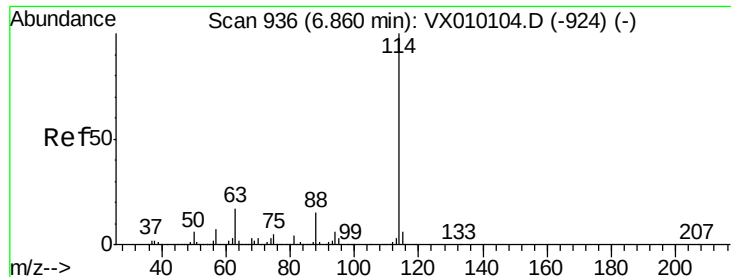
1,2-Dichloroethane-d4
 Concen: 46.420 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010337.D
 Acq: 18 Jun 2019 12:52

Tgt Ion	65	Resp	144456
Ion	Ratio	Lower	Upper
65	100		
67	55.0	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: VX010337.D

Acq: 18 Jun 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-190617

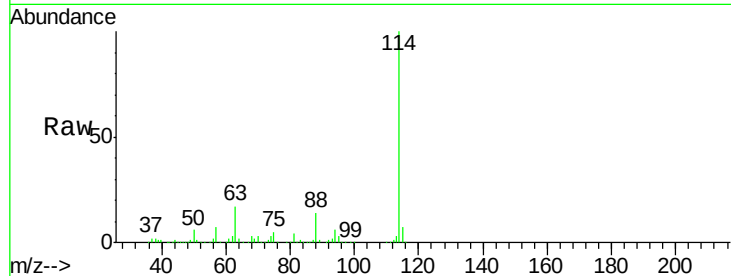
Tot Ion:114 Resp: 482092

Ion Ratio Lower Upper

114 100

63 17.3 0.0 47.4

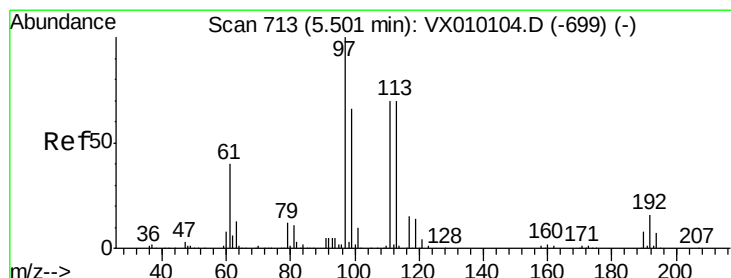
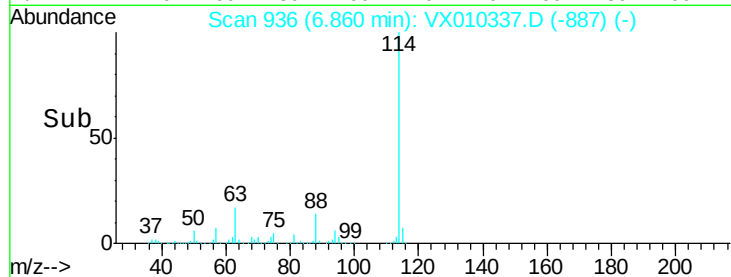
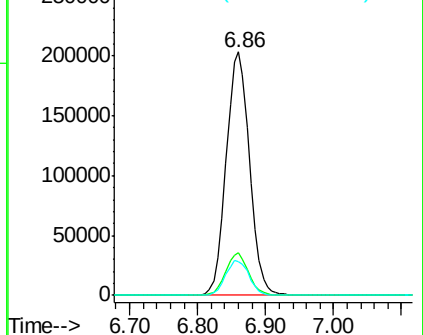
88 14.0 0.0 33.0



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: 49.023 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010337.D

Acq: 18 Jun 2019 12:52

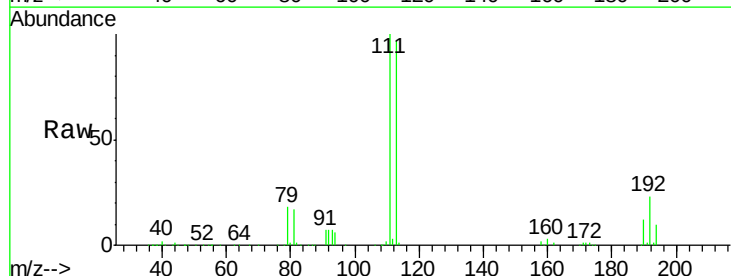
Tgt Ion:113 Resp: 145777

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

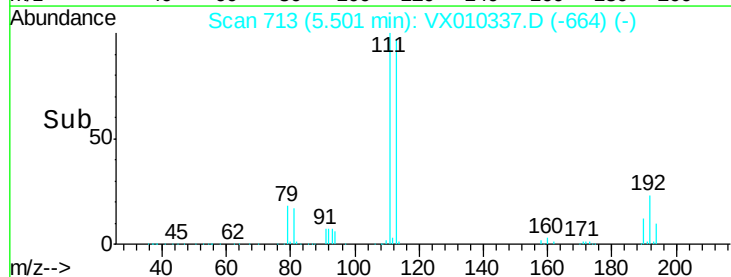
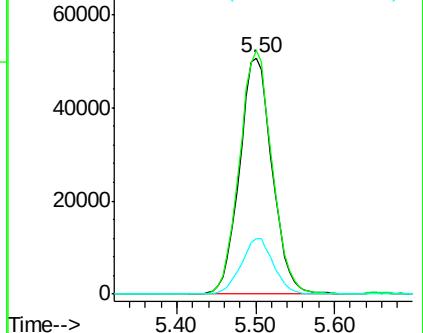
192 23.2 17.1 25.7

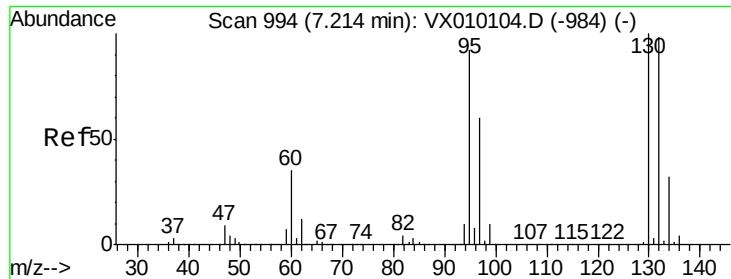


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.368 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010337.D

Acq: 18 Jun 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

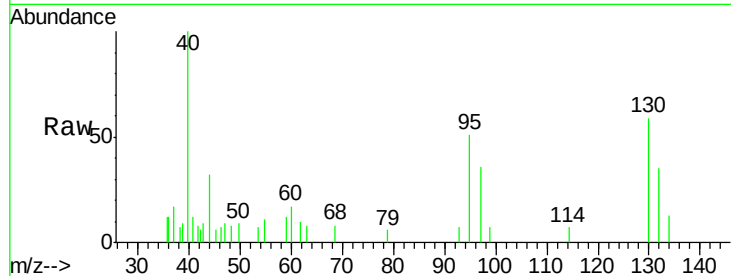
KY038PS037-190617

Tot Ion:130 Resp: 1348

Ion Ratio Lower Upper

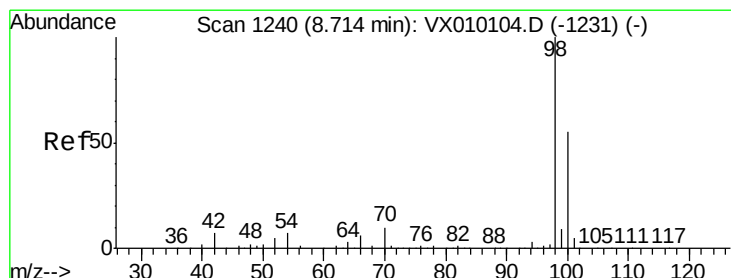
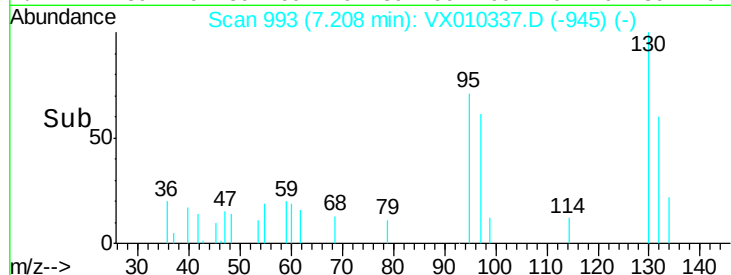
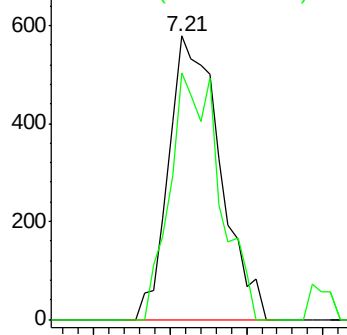
130 100

95 87.0 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: 50.493 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010337.D

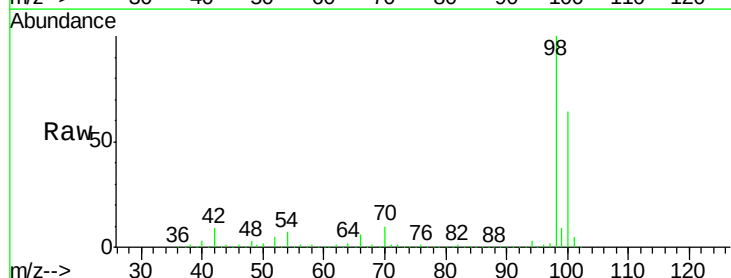
Acq: 18 Jun 2019 12:52

Tgt Ion: 98 Resp: 562736

Ion Ratio Lower Upper

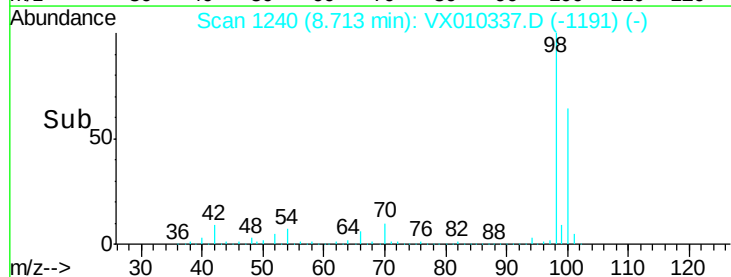
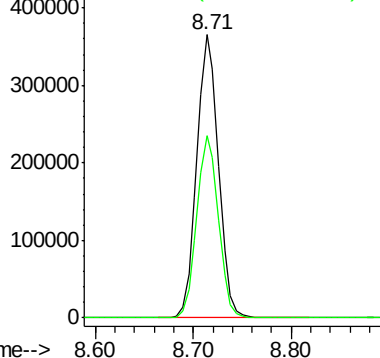
98 100

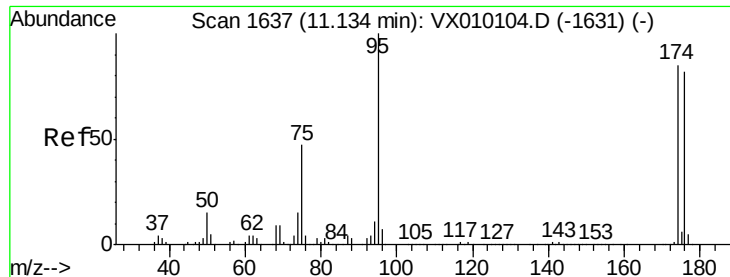
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.081 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010337.D

Acq: 18 Jun 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-190617

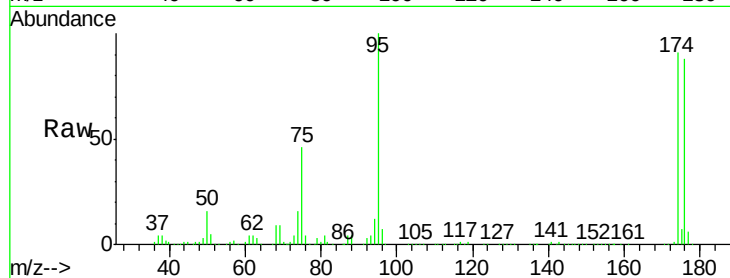
Tot Ion: 95 Resp: 191795

Ion Ratio Lower Upper

95 100

174 95.9 0.0 160.4

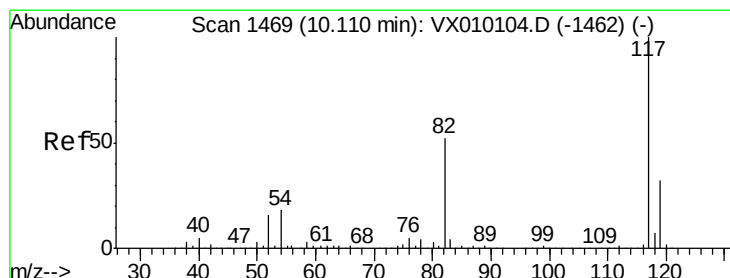
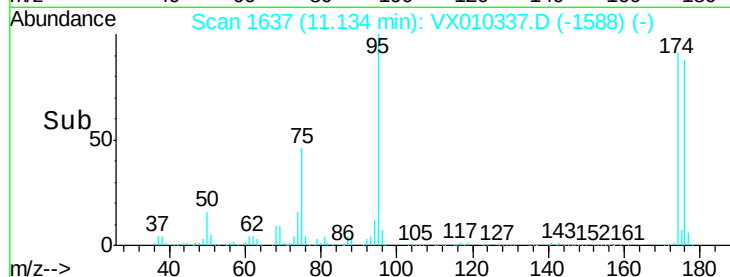
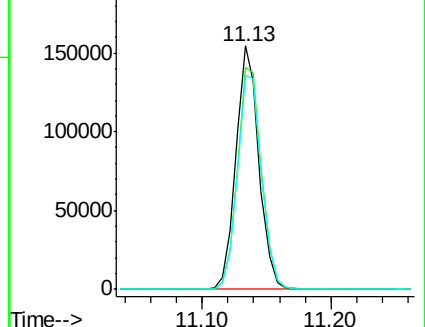
176 92.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010337.D

Acq: 18 Jun 2019 12:52

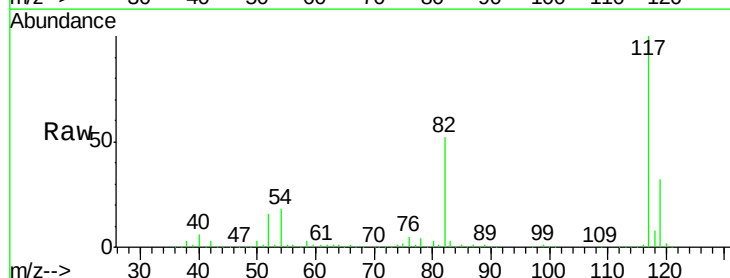
Tgt Ion: 117 Resp: 435651

Ion Ratio Lower Upper

117 100

82 52.4 49.2 73.8

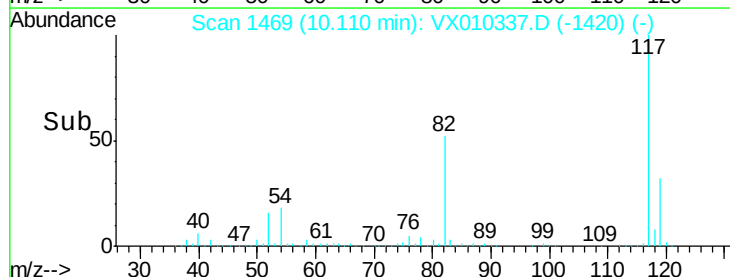
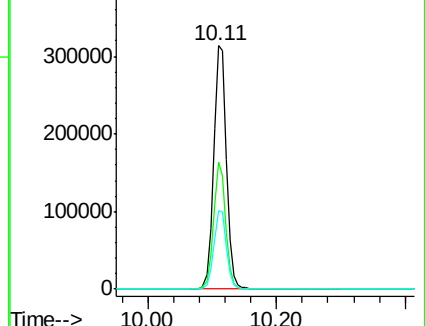
119 32.3 25.2 37.8

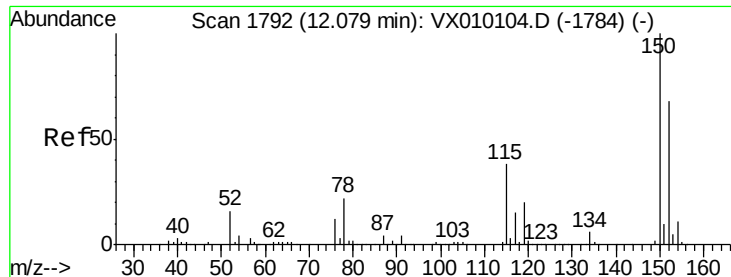


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010337.D

Acq: 18 Jun 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-190617

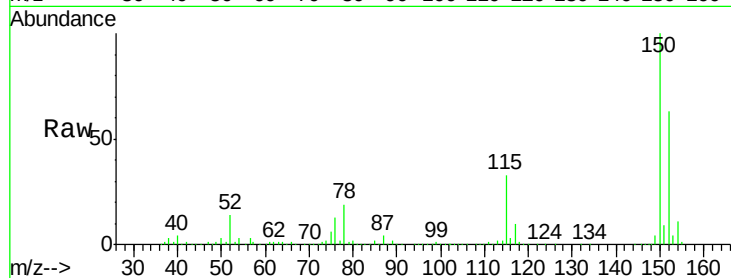
Tot Ion:152 Resp: 203897

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 157.4 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

