

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005242.D
 Acq On : 11 Oct 2018 08:59
 Operator : JC/MD
 Sample : J5364-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-181008

Quant Time: Oct 11 11:27:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136126	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
35) Dibromofluoromethane	5.50	113	112709	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.72	98	388877	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.14	95	136429	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

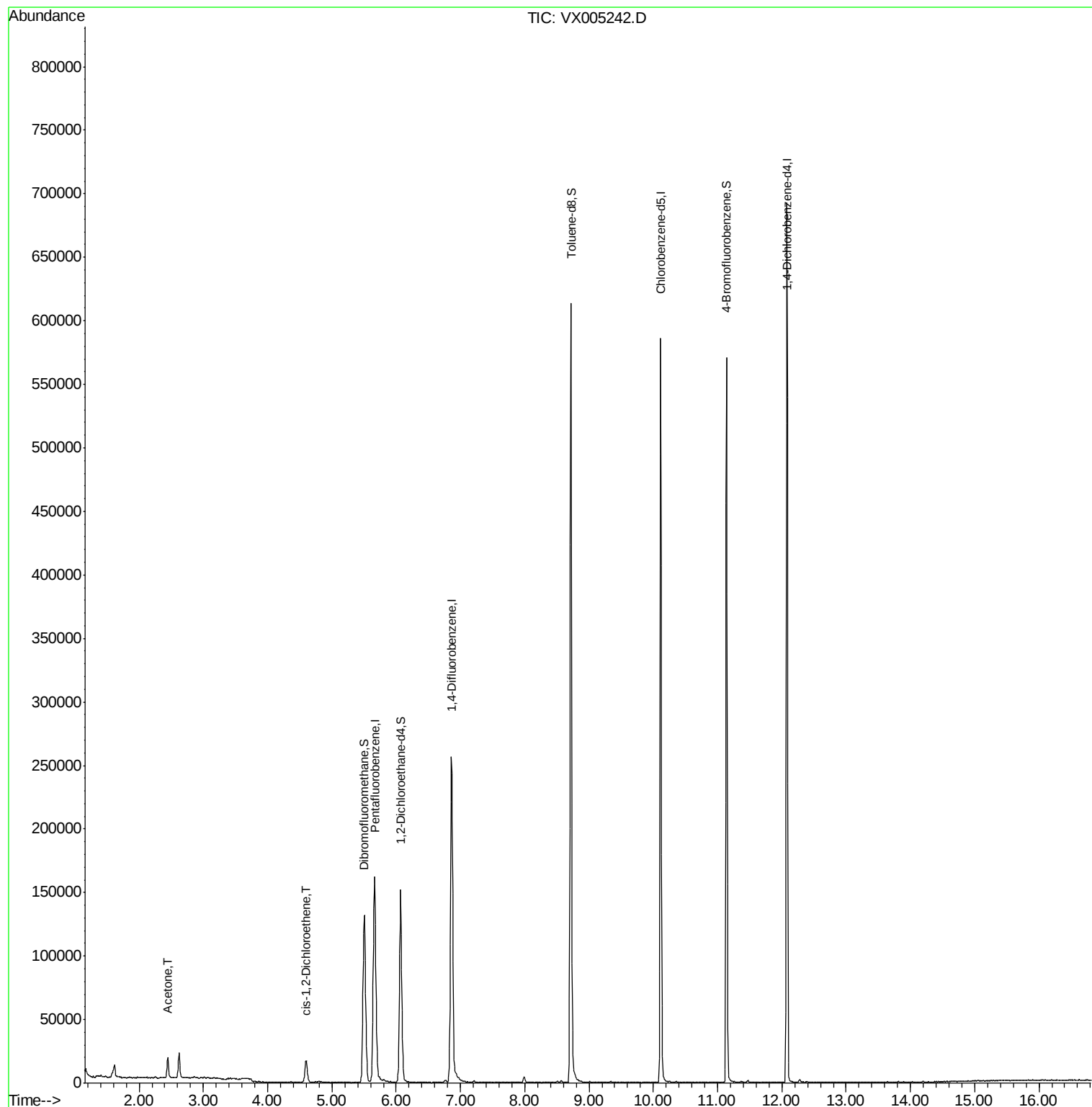
Target Compounds						Qvalue
16) Acetone	2.45	43	16453	11.87	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	10343	4.70	ug/l	98

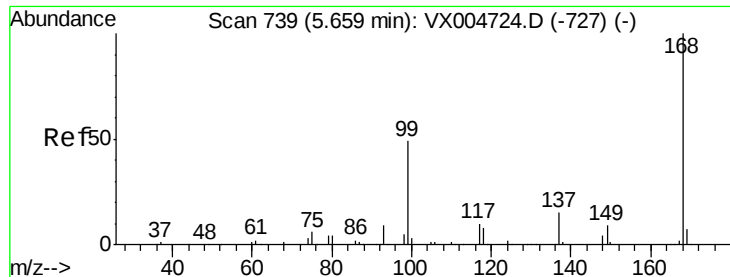
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

Instrument :

MSVOA_X

ClientSampleId :

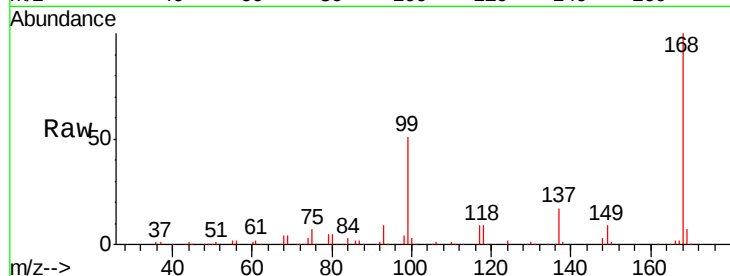
KY038PS036-181008

Tgt Ion:168 Resp: 166205

Ion Ratio Lower Upper

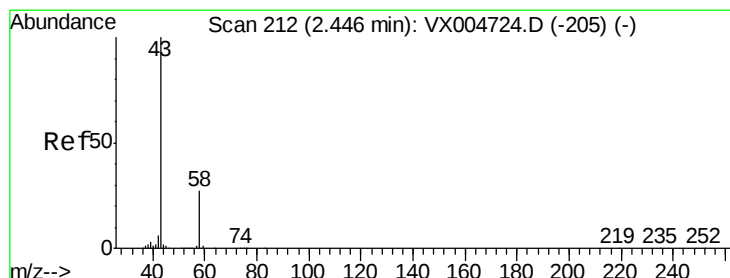
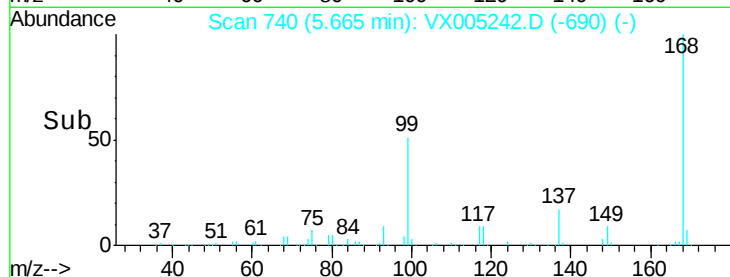
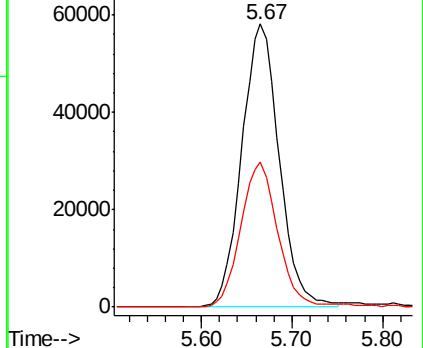
168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.87 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005242.D

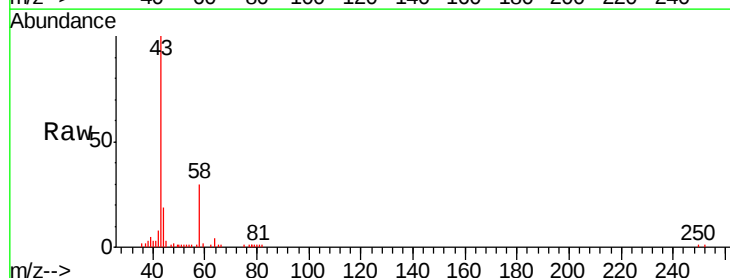
Acq: 11 Oct 2018 08:59

Tgt Ion: 43 Resp: 16453

Ion Ratio Lower Upper

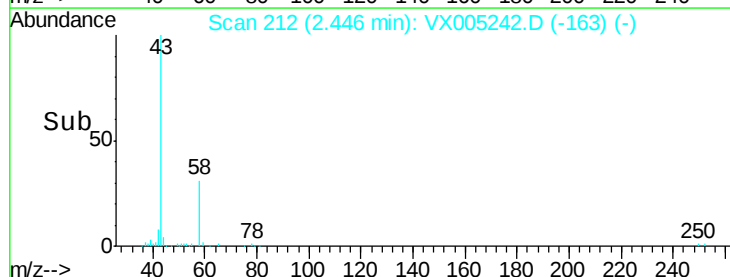
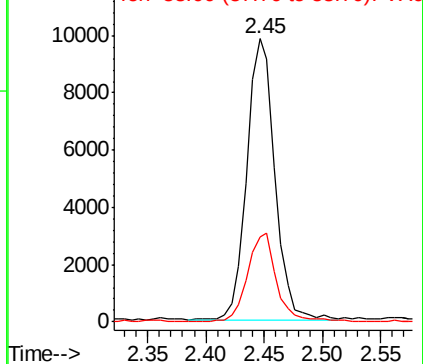
43 100

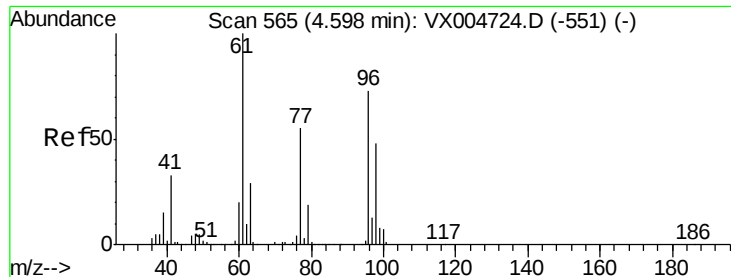
58 30.4 21.8 32.6



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: 4.70 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-181008

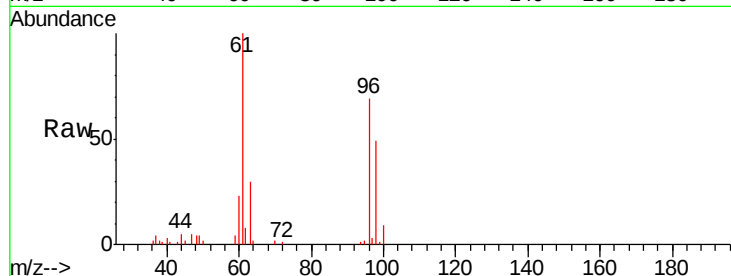
Tgt Ion: 96 Resp: 10343

Ion Ratio Lower Upper

96 100

61 139.9 0.0 285.8

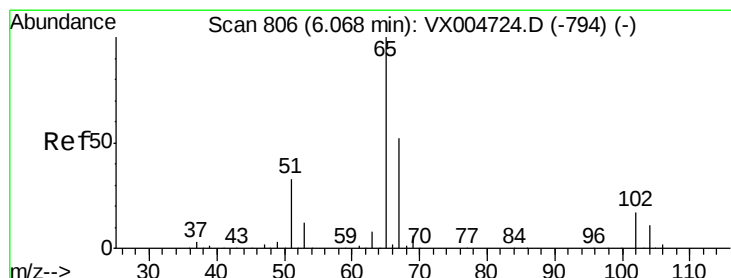
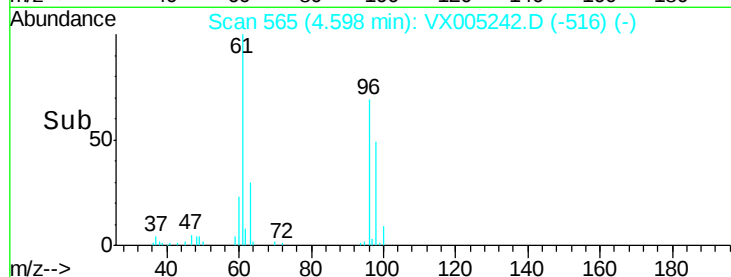
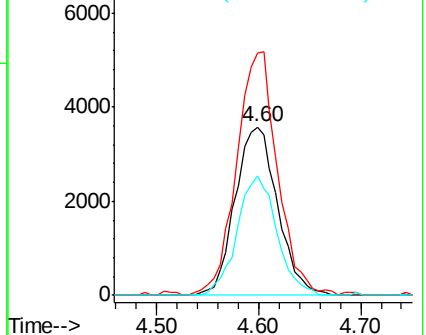
98 66.5 0.0 136.2



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: 57.33 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005242.D

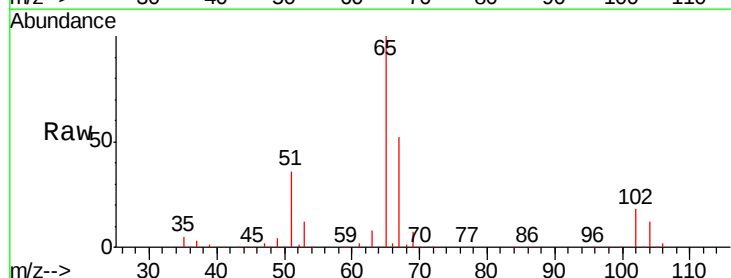
Acq: 11 Oct 2018 08:59

Tgt Ion: 65 Resp: 136126

Ion Ratio Lower Upper

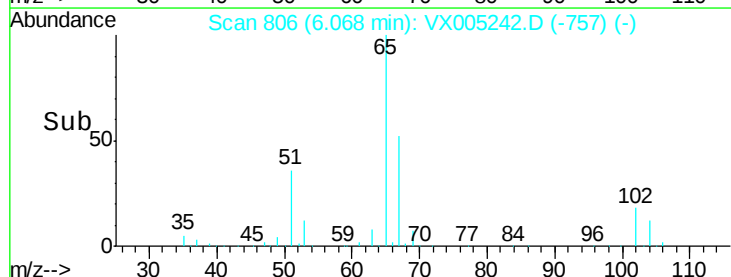
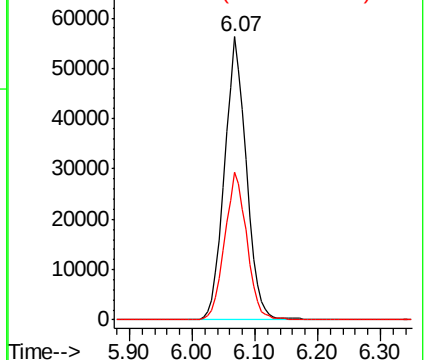
65 100

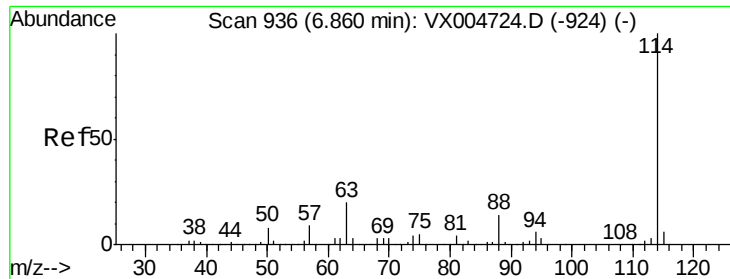
67 52.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

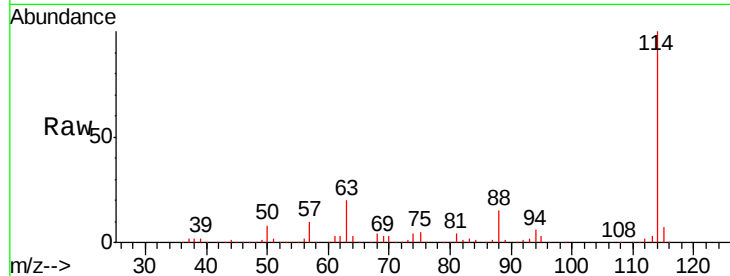




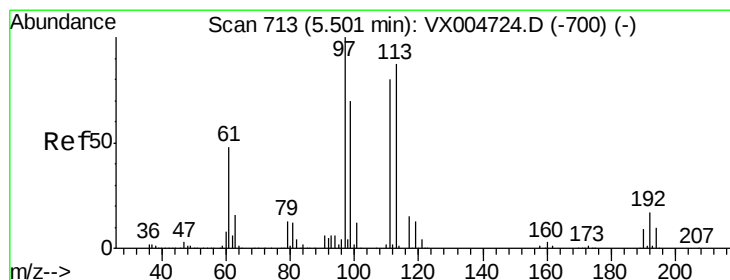
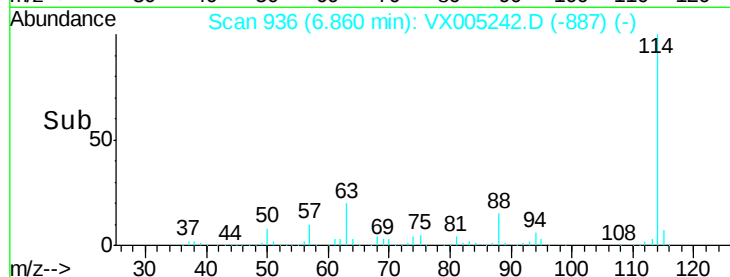
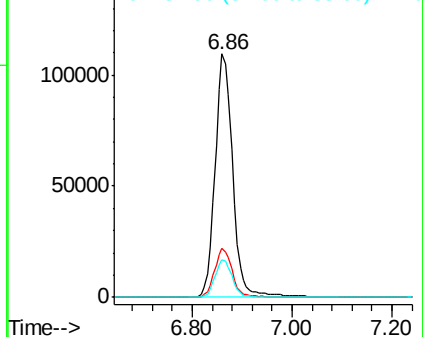
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005242.D
 Acq: 11 Oct 2018 08:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-181008

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.4	0.0	27.0

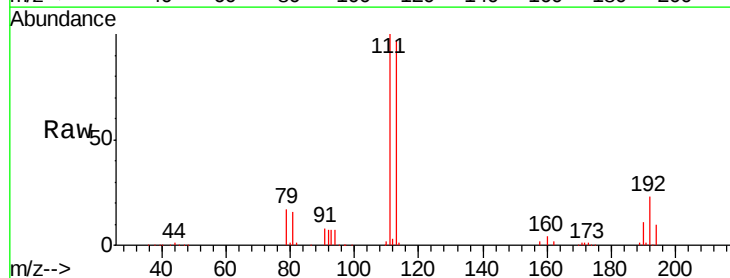


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

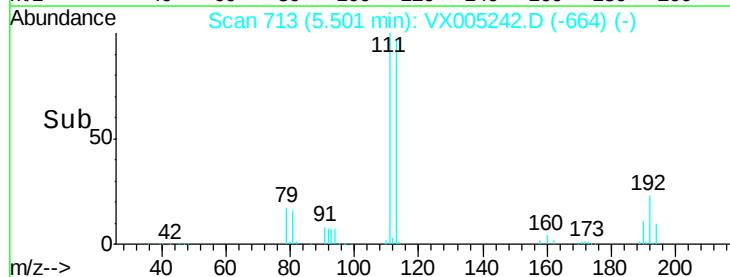
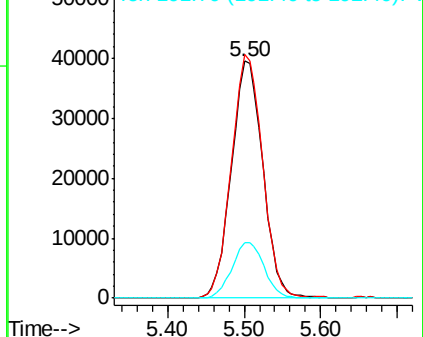


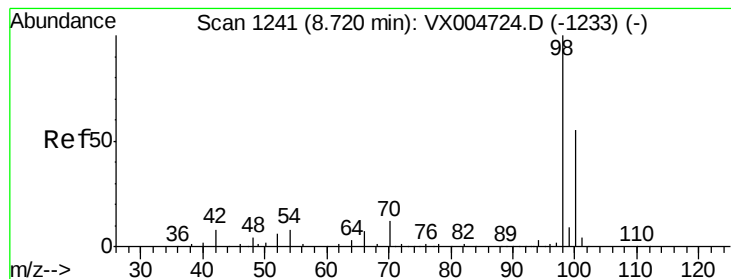
#35
 Dibromofluoromethane
 Concen: 49.45 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005242.D
 Acq: 11 Oct 2018 08:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	77.0	115.4
192	23.9	17.0	25.6



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: 51.32 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

Instrument :

MSVOA_X

ClientSampleId :

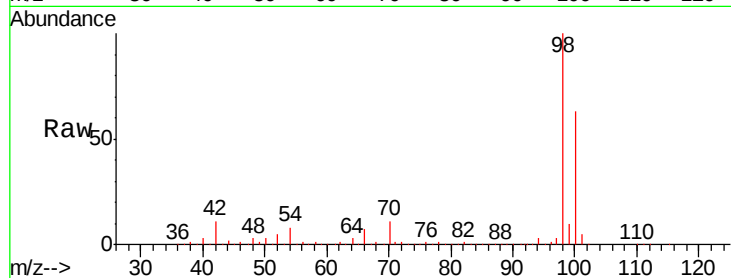
KY038PS036-181008

Tgt Ion: 98 Resp: 388877

Ion Ratio Lower Upper

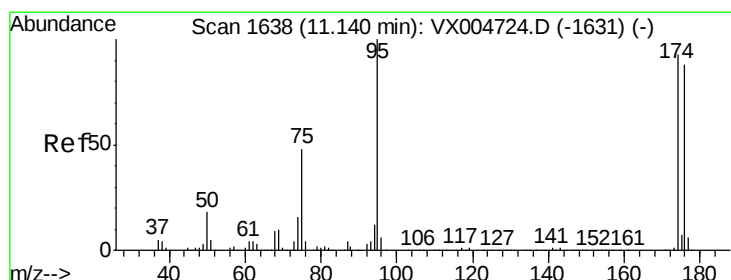
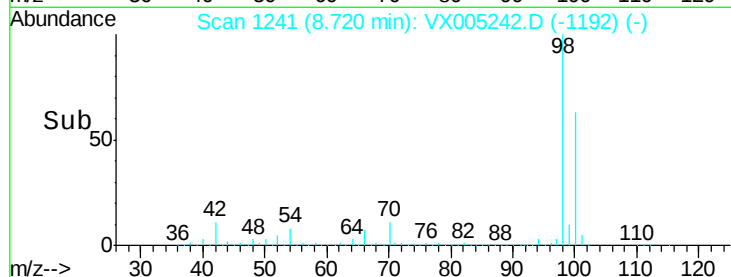
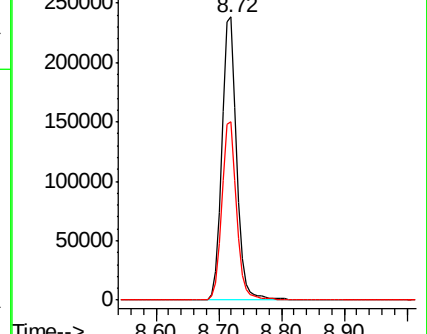
98 100

100 62.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.97 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

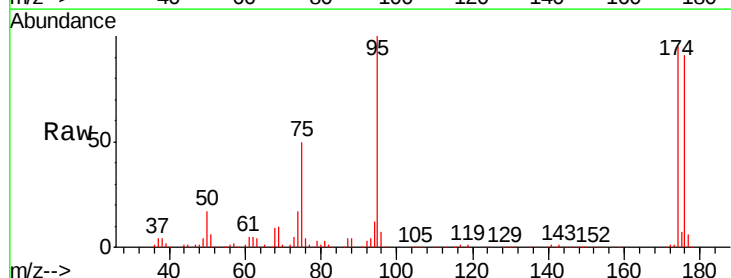
Tgt Ion: 95 Resp: 136429

Ion Ratio Lower Upper

95 100

174 95.5 0.0 185.0

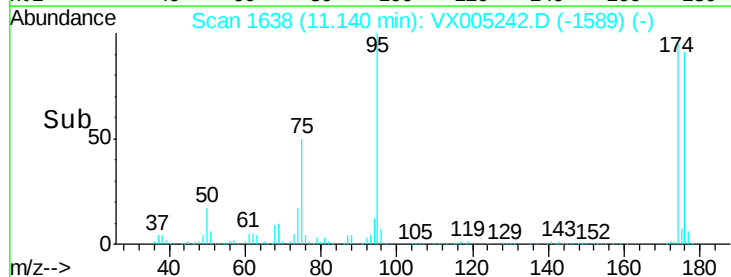
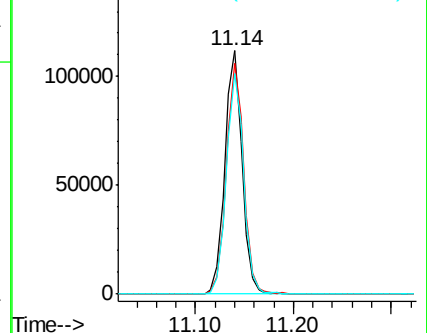
176 91.3 0.0 180.2

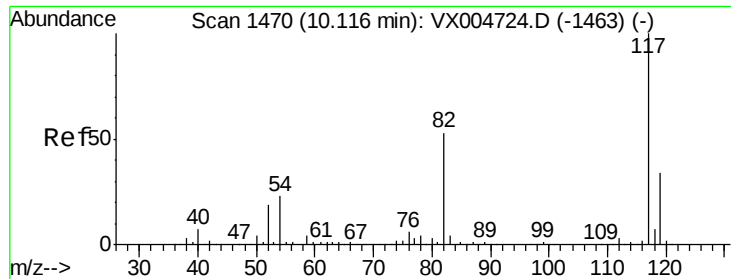


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-181008

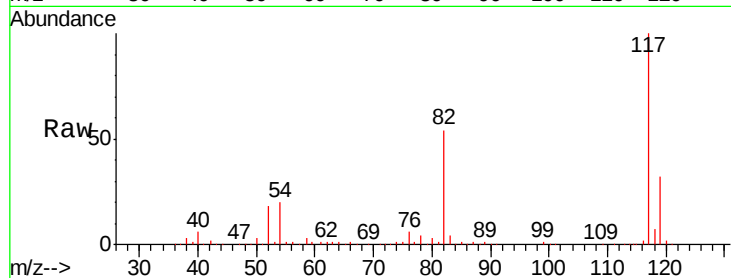
Tgt Ion:117 Resp: 268276

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

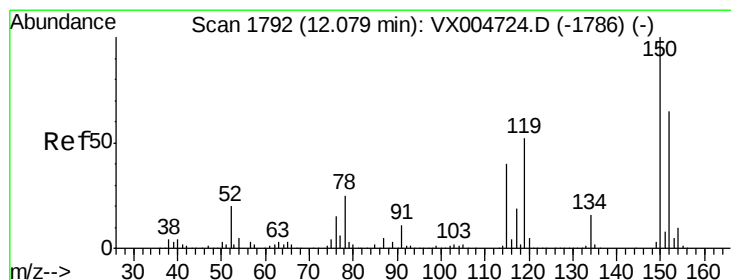
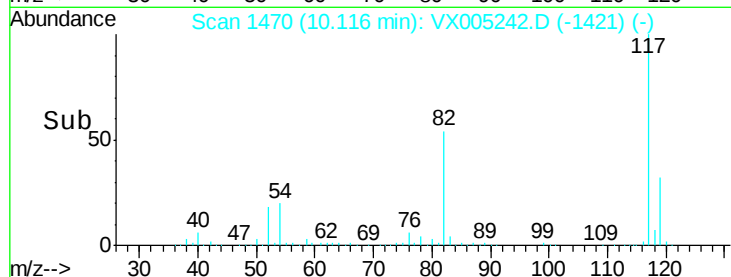
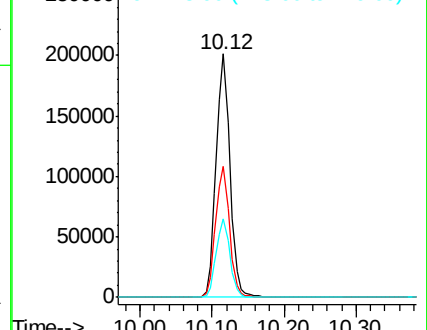
119 32.2 27.4 41.0



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005242.D

Acq: 11 Oct 2018 08:59

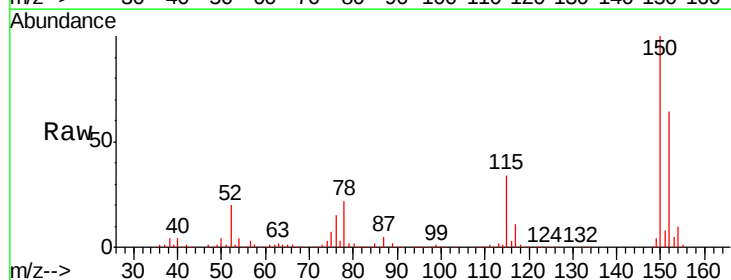
Tgt Ion:152 Resp: 149083

Ion Ratio Lower Upper

152 100

115 54.3 40.2 120.6

150 155.5 0.0 351.0



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

