

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001785.D
 Acq On : 17 May 2018 12:52
 Operator : JC/MD
 Sample : J2796-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-180507

Quant Time: May 18 04:27:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

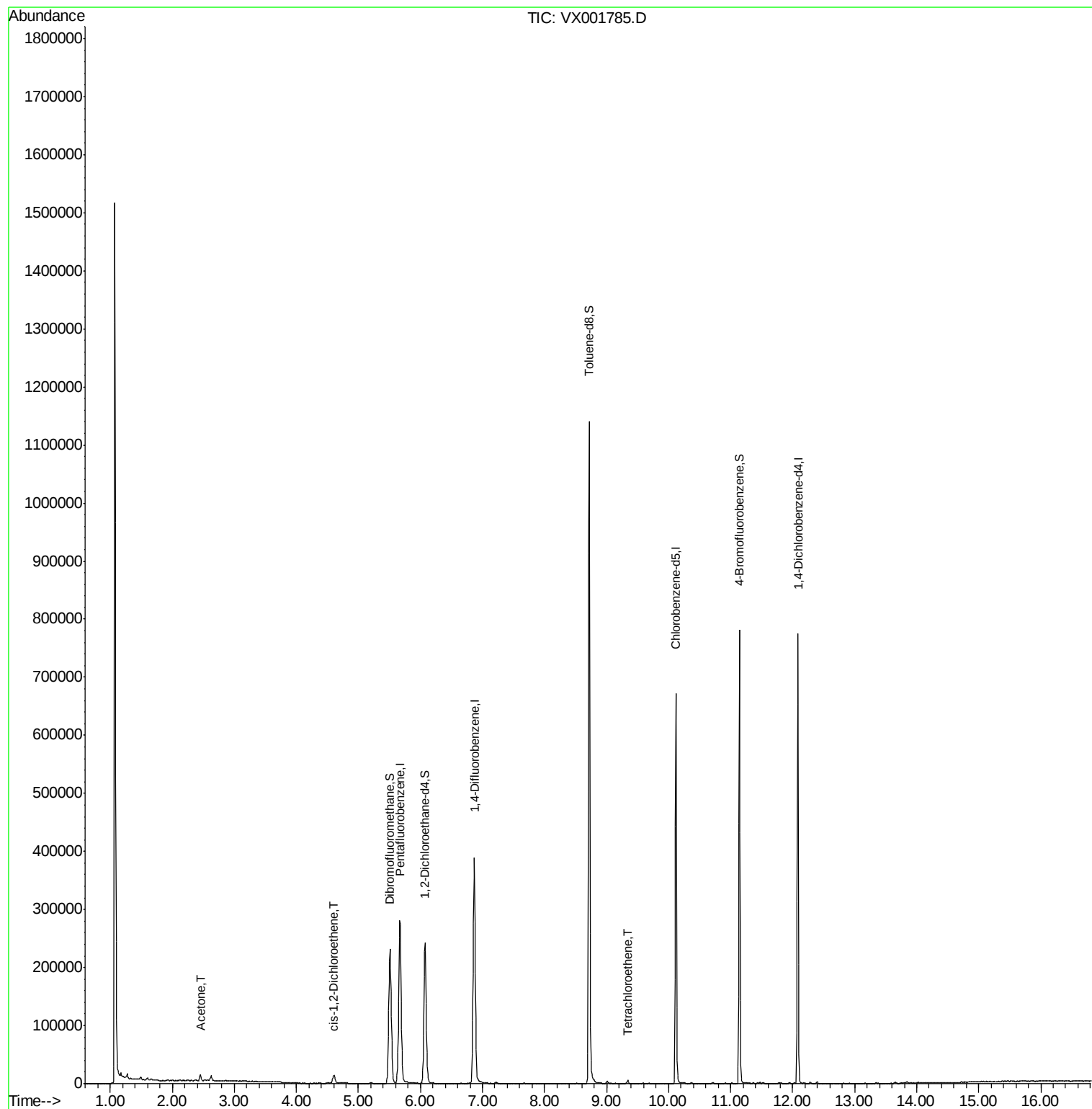
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	174561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	225965	55.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.64%	
35) Dibromofluoromethane	5.51	113	192186	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
50) Toluene-d8	8.72	98	682594	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	11.14	95	196959	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
16) Acetone	2.45	43	10833	6.81	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	8819	2.36	ug/l	95
64) Tetrachloroethene	9.34	164	1261	0.29	ug/l #	89

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX001785.D

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Instrument :

MSVOA_X

ClientSampleId :

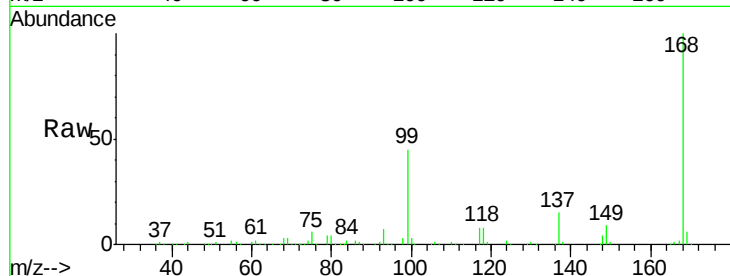
KY038PS034-180507

Tot Ion:168 Resp: 302010

Ion Ratio Lower Upper

168 100

99 44.6 35.0 52.4



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

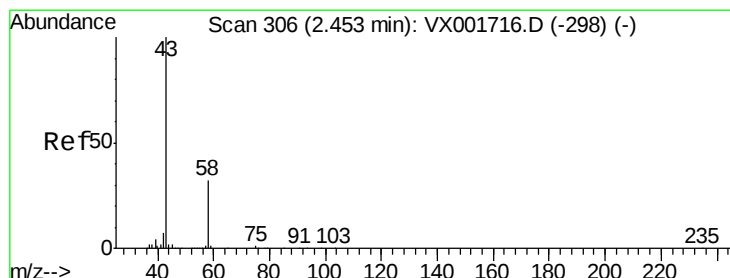
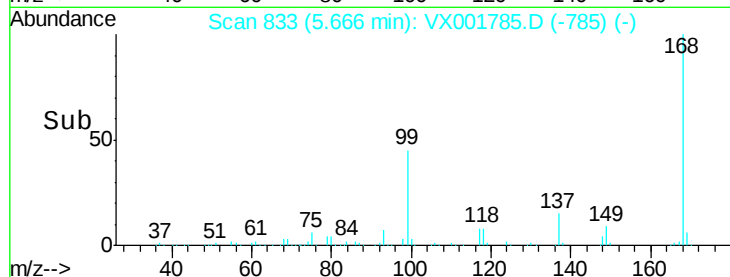
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 6.81 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001785.D

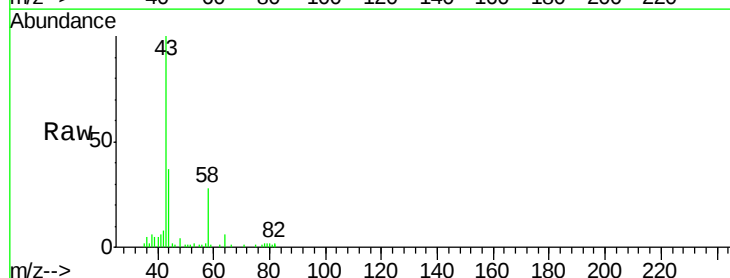
Acq: 17 May 2018 12:52

Tgt Ion: 43 Resp: 10833

Ion Ratio Lower Upper

43 100

58 29.0 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

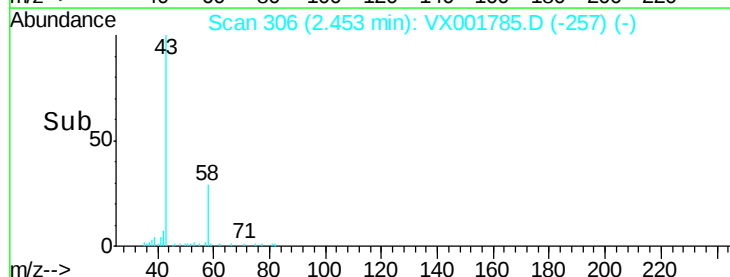
4000

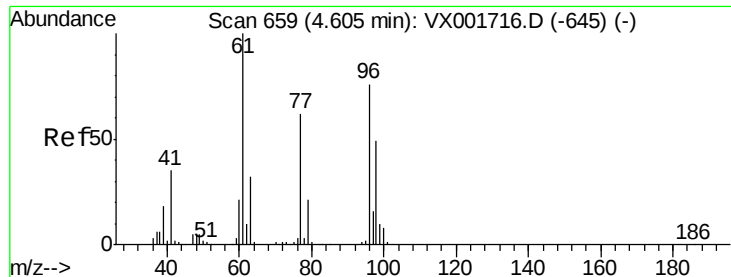
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 2.36 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

Instrument :

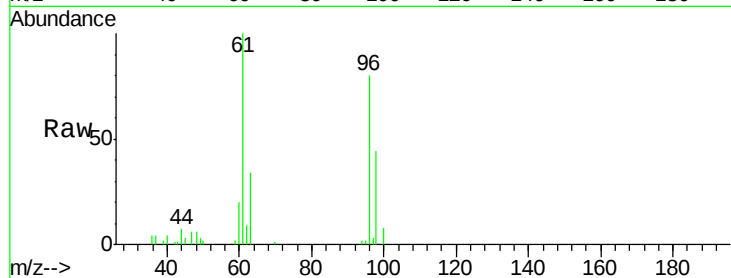
MSVOA_X

ClientSampleId :

KY038PS034-180507

Tot Ion: 96 Resp: 8819

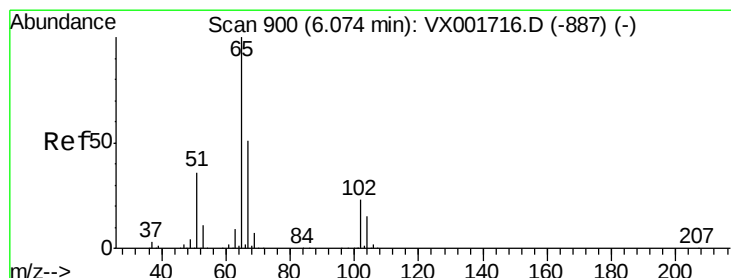
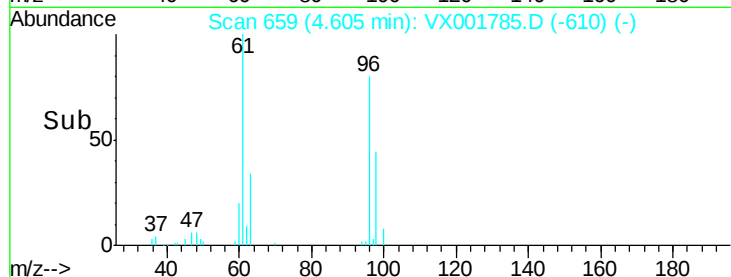
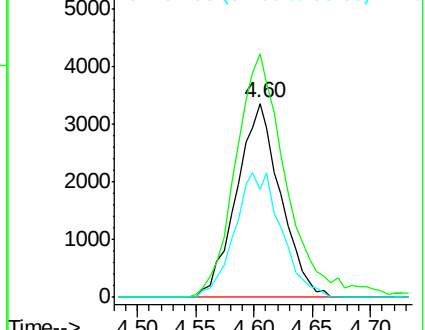
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	280.4
98	68.2	0.0	128.4



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: 55.82 ug/l

RT: 6.07 min Scan# 900

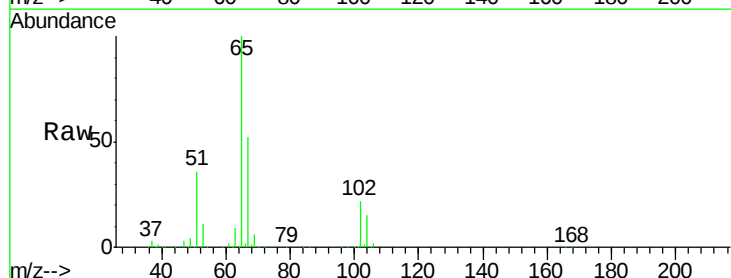
Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

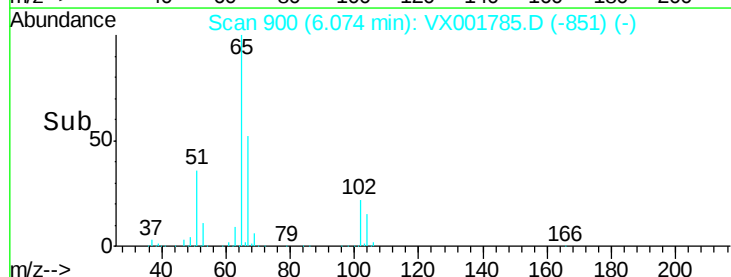
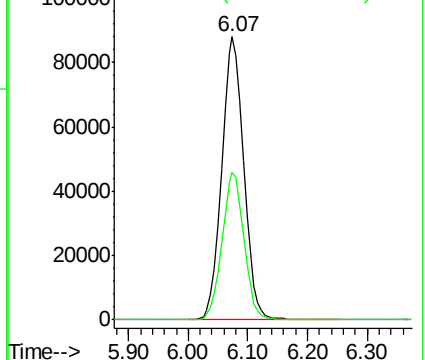
Tgt Ion: 65 Resp: 225965

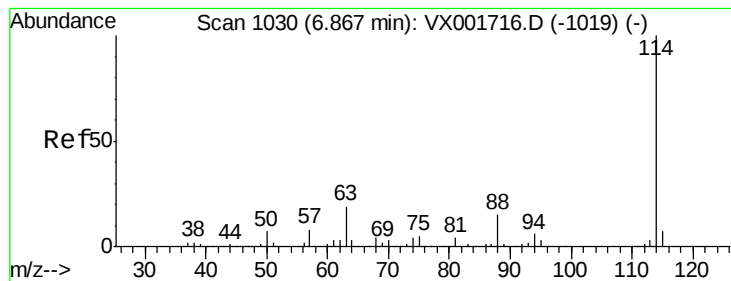
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.8



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-180507

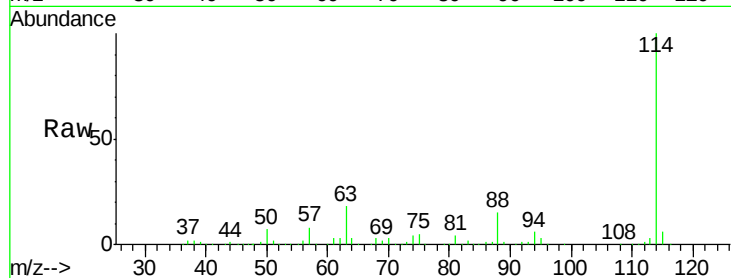
Tot Ion:114 Resp: 410140

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

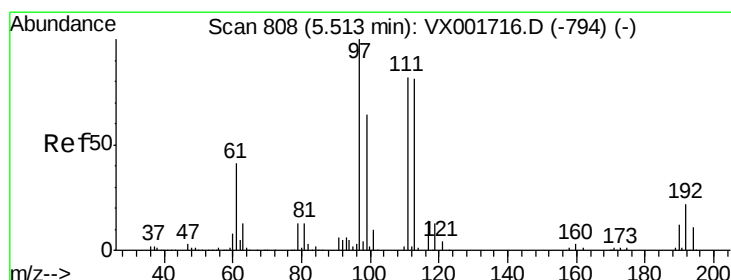
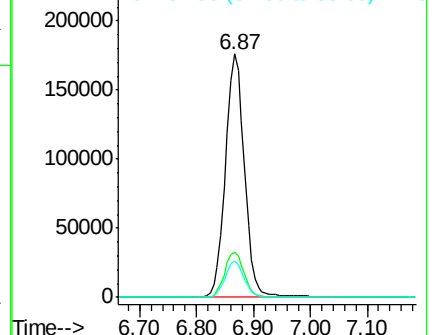
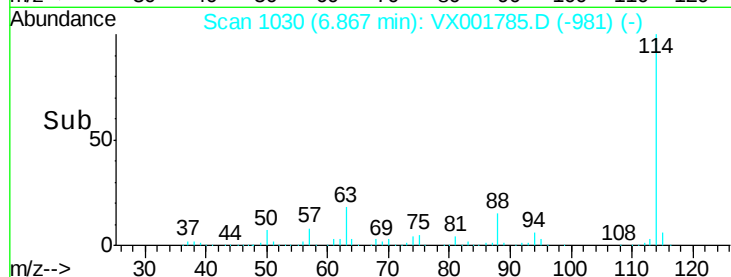
88 14.8 0.0 29.8



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: 55.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

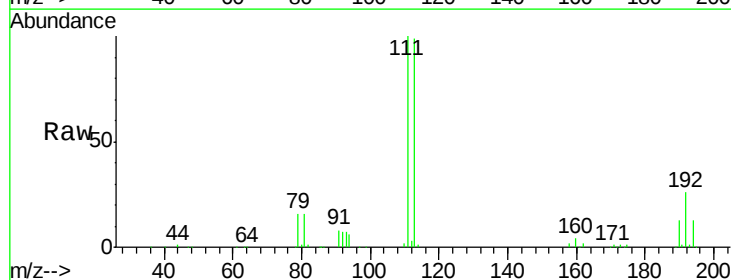
Tgt Ion:113 Resp: 192186

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

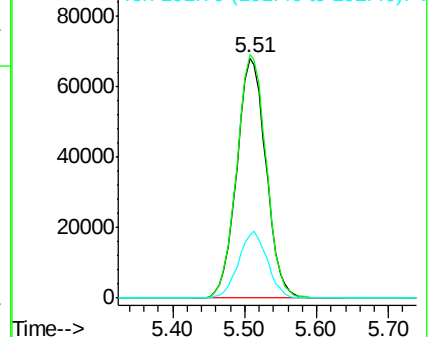
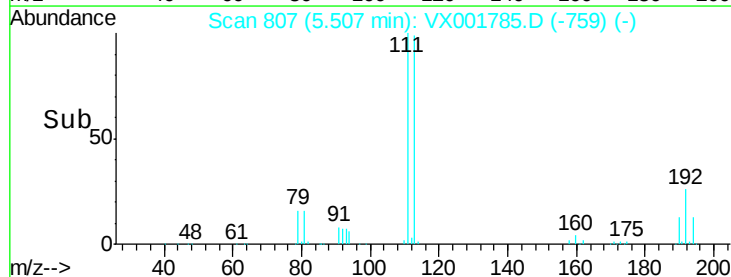
192 27.4 21.6 32.4

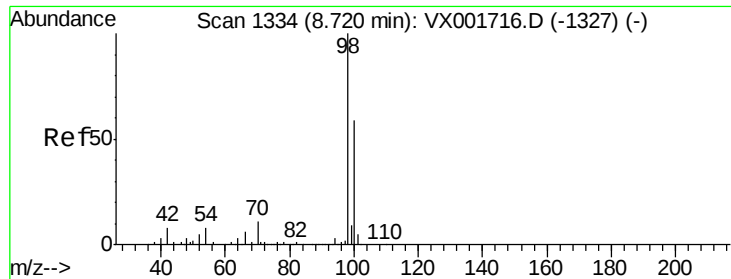


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

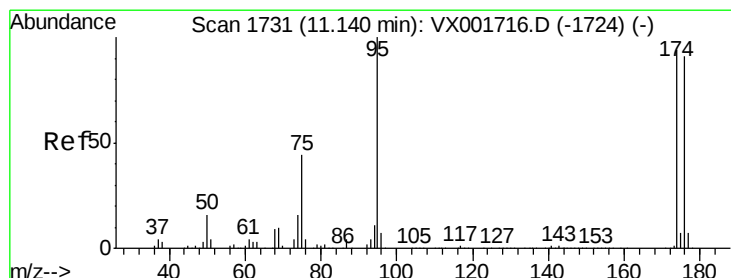
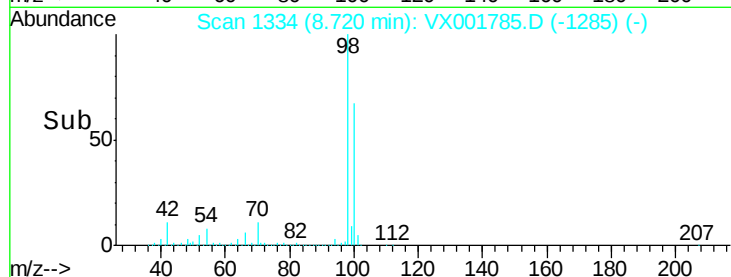
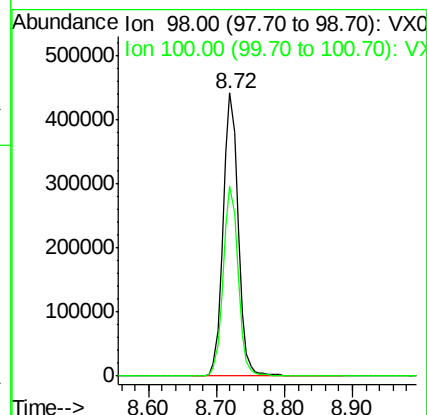
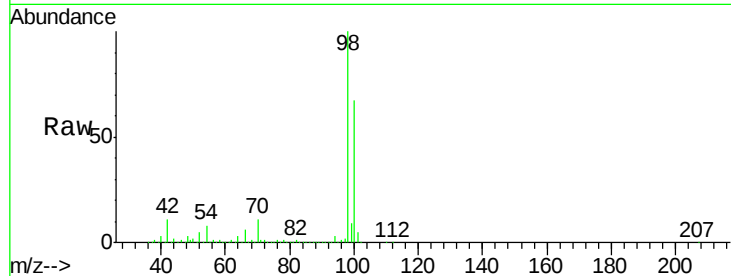
KY038PS034-180507

Tot Ion: 98 Resp: 682594

Ion Ratio Lower Upper

98 100

100 66.7 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 44.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

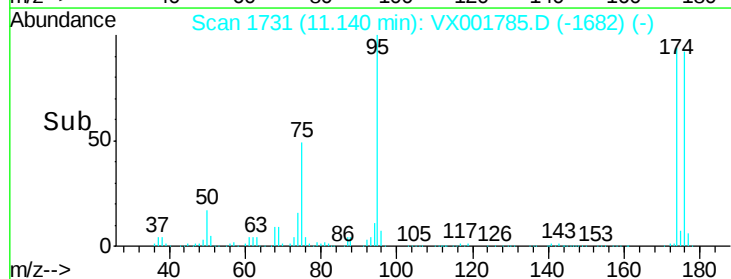
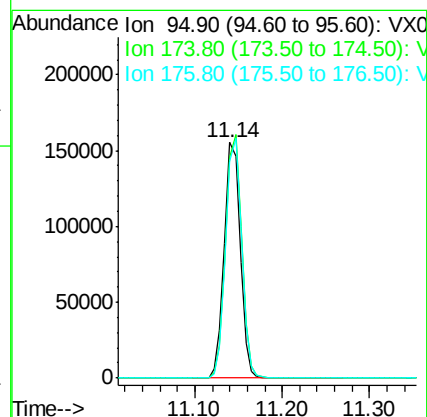
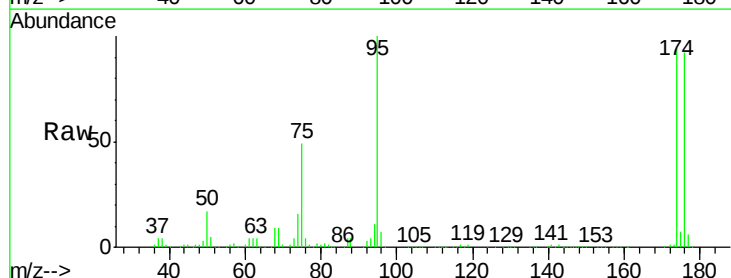
Tgt Ion: 95 Resp: 196959

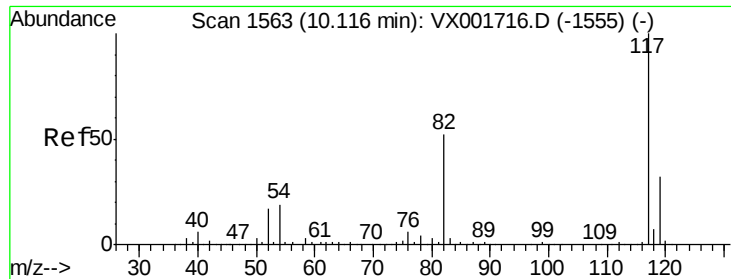
Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

176 101.0 0.0 196.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-180507

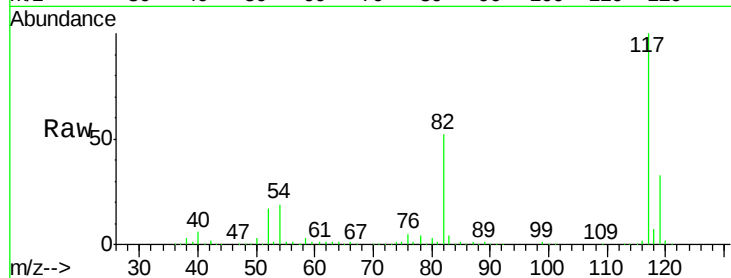
Tot Ion:117 Resp: 328413

Ion Ratio Lower Upper

117 100

82 51.6 41.4 62.2

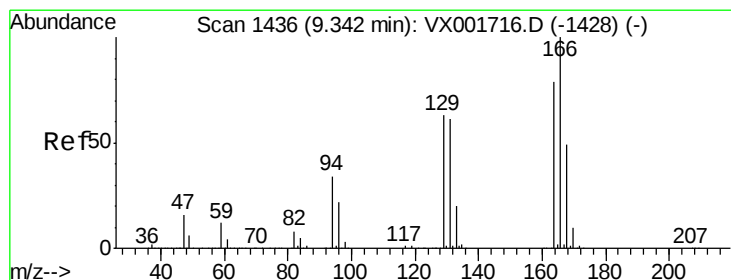
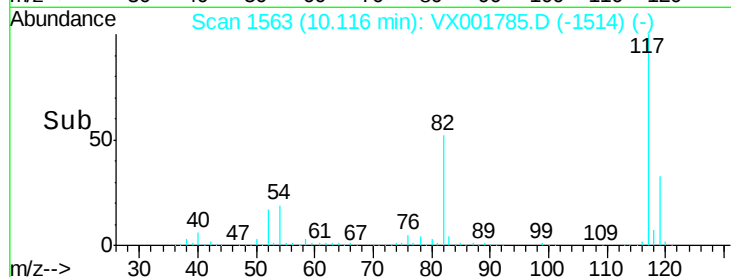
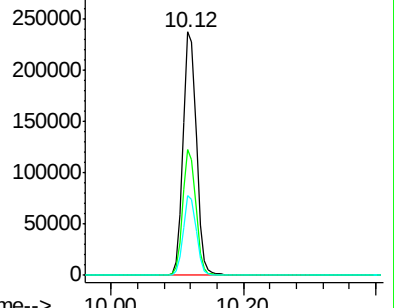
119 32.6 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.29 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001785.D

Acq: 17 May 2018 12:52

Tgt Ion:164 Resp: 1261

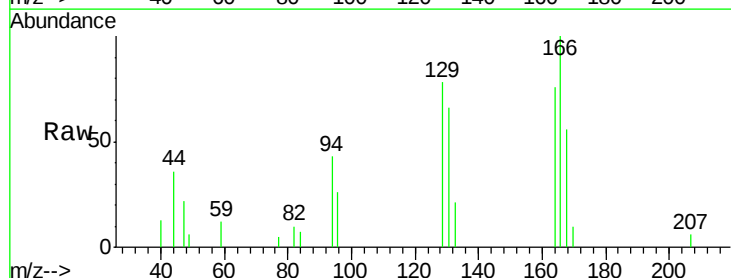
Ion Ratio Lower Upper

164 100

166 131.0 101.8 152.8

129 102.6 63.8 95.6#

131 86.5 62.2 93.2

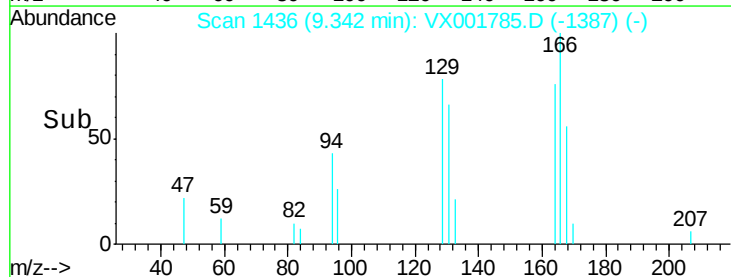
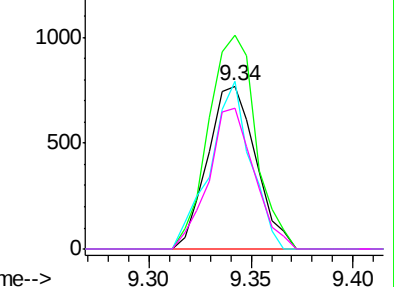


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001785.D

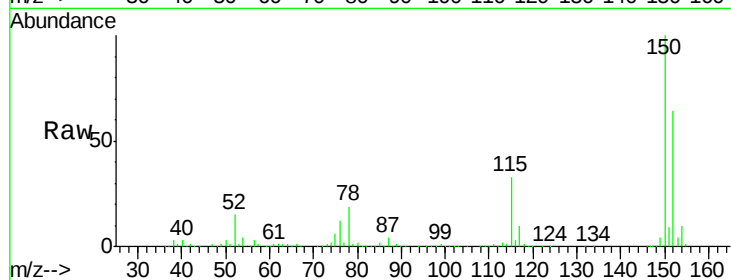
Acq: 17 May 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-180507



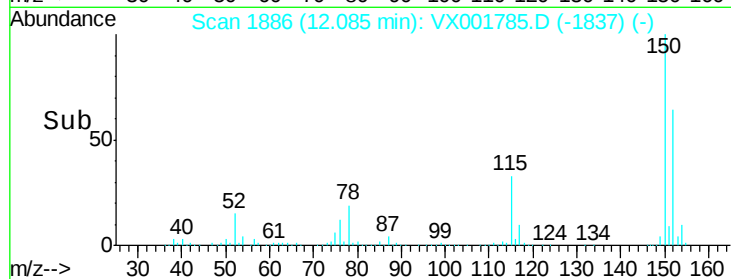
Tot Ion:152 Resp: 174561

Ion Ratio Lower Upper

152 100

115 51.1 37.4 112.2

150 155.5 0.0 344.8



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

