

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002761.D
 Acq On : 21 Jun 2018 00:46
 Operator : JC/MD
 Sample : PB110408TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408TB

Quant Time: Jun 21 06:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	146660	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
35) Dibromofluoromethane	5.51	113	117334	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.72	98	427300	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	11.14	95	147199	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	

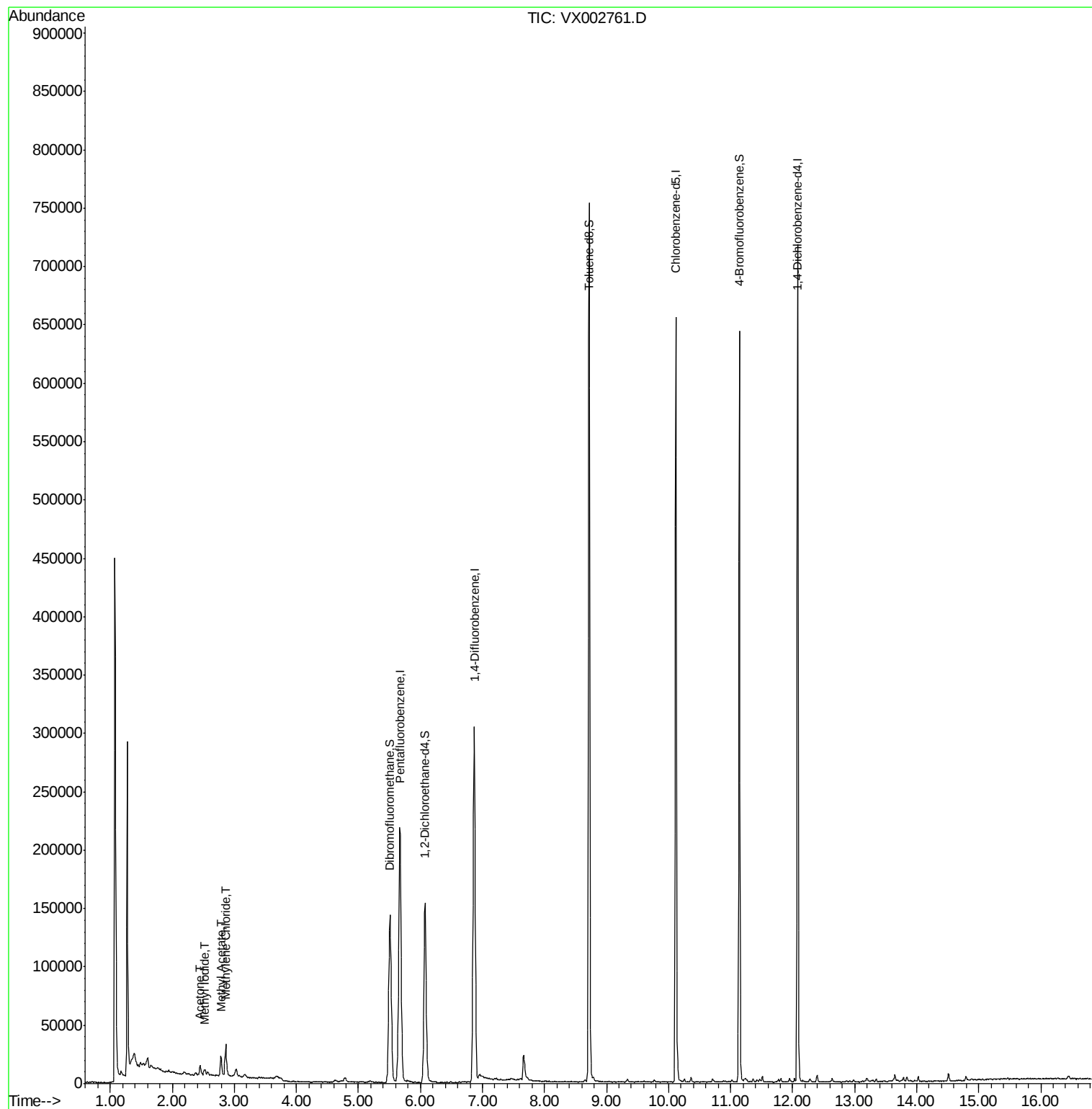
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	5590	6.63	ug/l	99
16) Acetone	2.45	43	8760	6.05	ug/l	98
18) Methyl Acetate	2.78	43	20191	5.24	ug/l	98
20) Methylene Chloride	2.86	84	11781	3.97	ug/l	98

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002761.D

Acq: 21 Jun 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

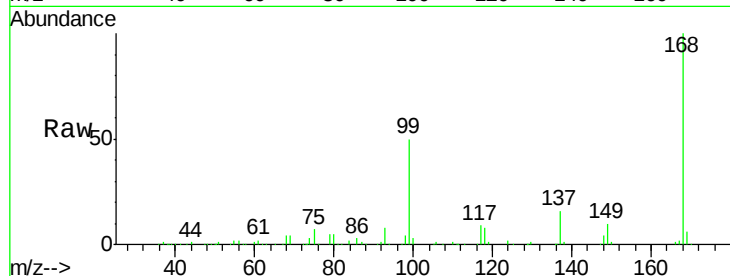
PB110408TB

Tot Ion:168 Resp: 215817

Ion Ratio Lower Upper

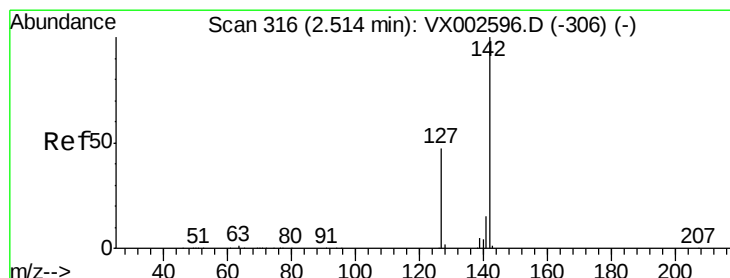
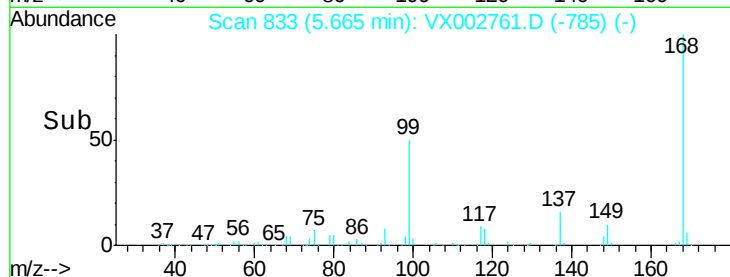
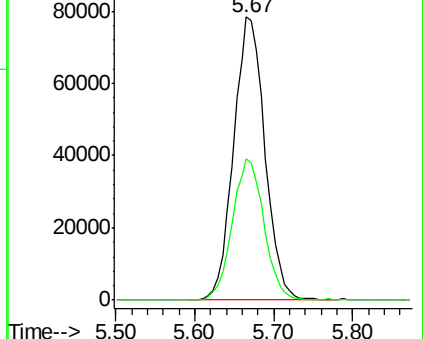
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.63 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002761.D

Acq: 21 Jun 2018 00:46

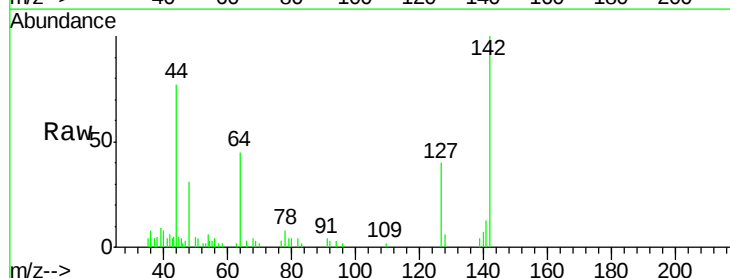
Tgt Ion:142 Resp: 5590

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

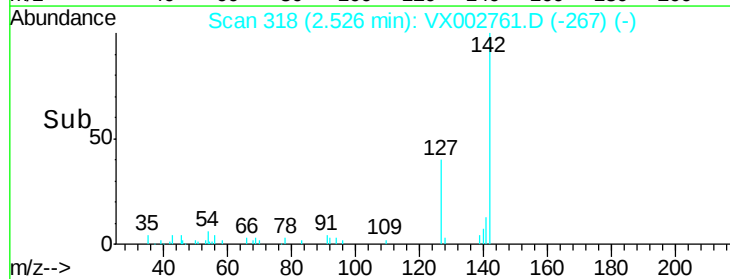
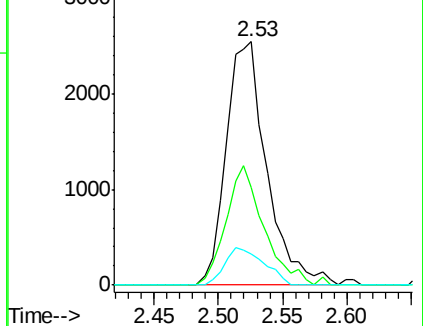
141 14.9 11.3 16.9

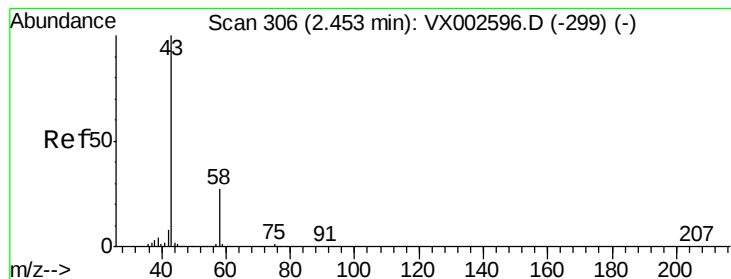


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.05 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002761.D

Acq: 21 Jun 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

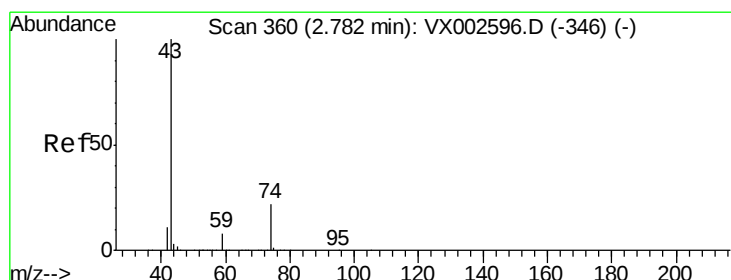
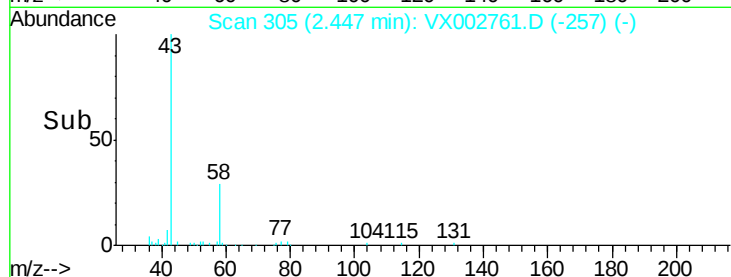
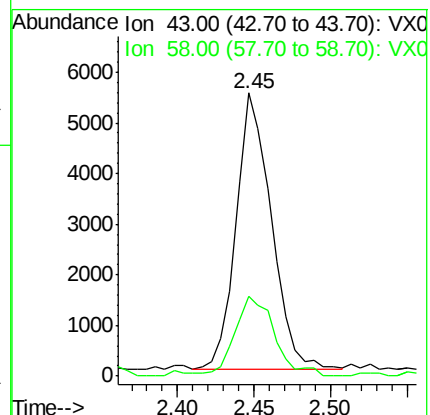
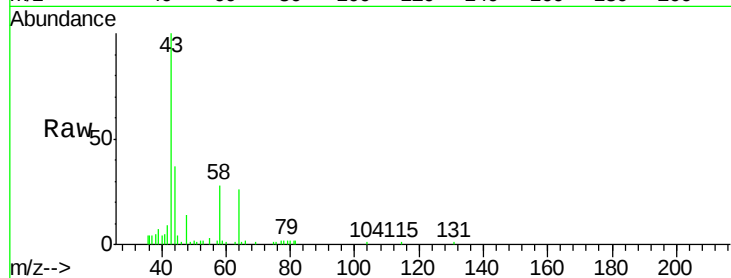
PB110408TB

Tot Ion: 43 Resp: 8760

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1



#18

Methyl Acetate

Concen: 5.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002761.D

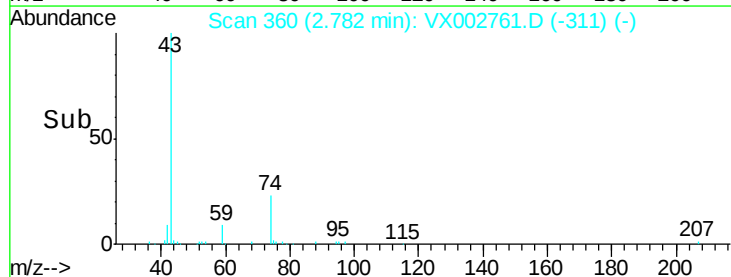
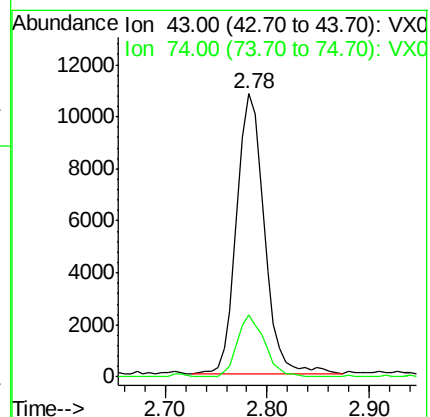
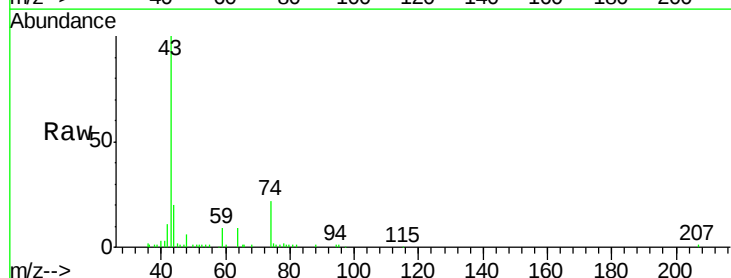
Acq: 21 Jun 2018 00:46

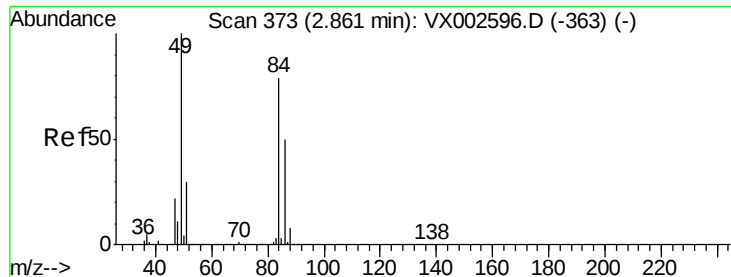
Tgt Ion: 43 Resp: 20191

Ion Ratio Lower Upper

43 100

74 21.8 16.7 25.1

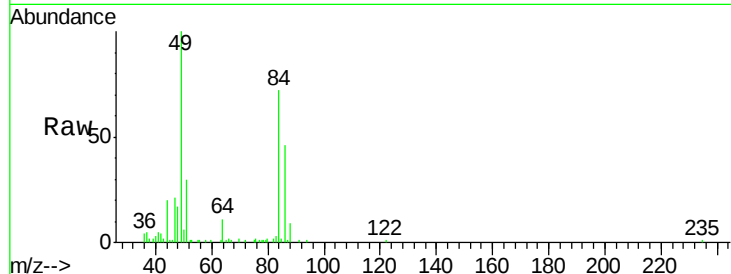




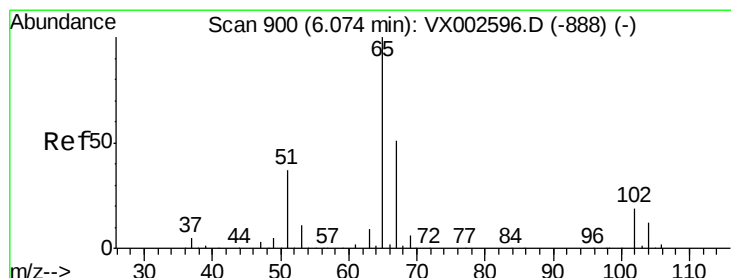
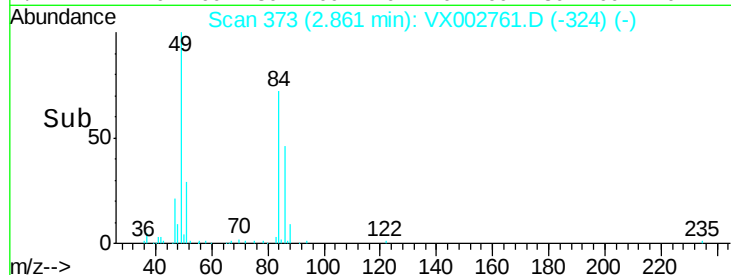
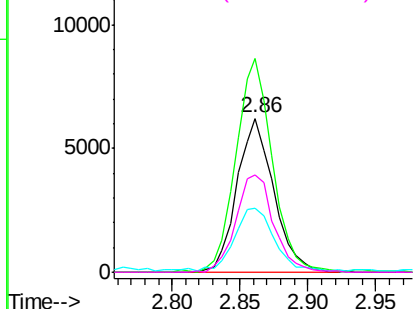
#20
Methvlene Chloride
Concen: 3.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002761.D
Acq: 21 Jun 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
PB110408TB

Tot Ion: 84 Resp: 11781
Ion Ratio Lower Upper
84 100
49 137.8 107.8 161.6
51 40.4 32.8 49.2
86 63.3 52.5 78.7

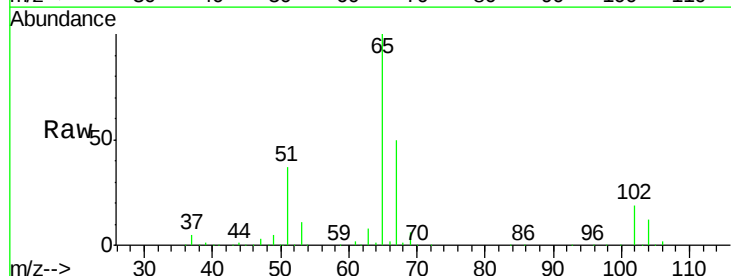


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

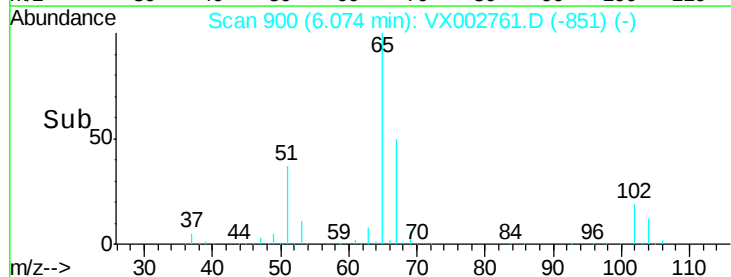
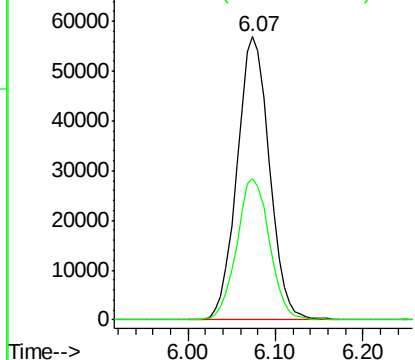


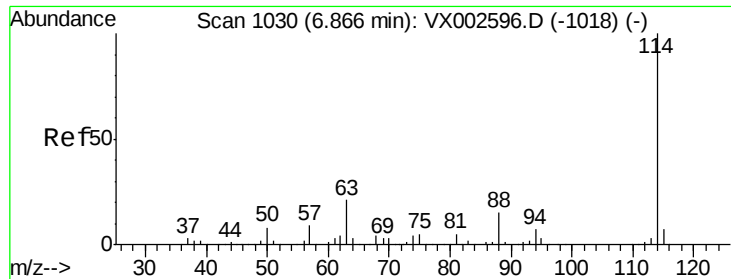
#33
1,2-Dichloroethane-d4
Concen: 44.72 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002761.D
Acq: 21 Jun 2018 00:46

Tgt Ion: 65 Resp: 146660
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

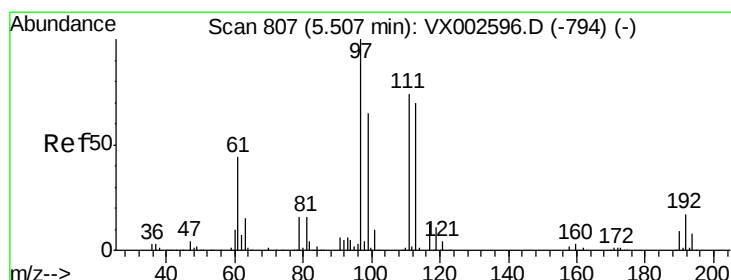
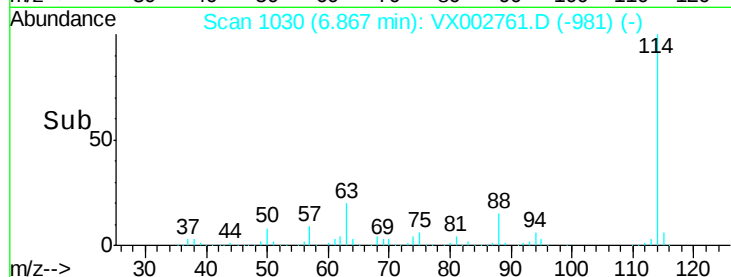
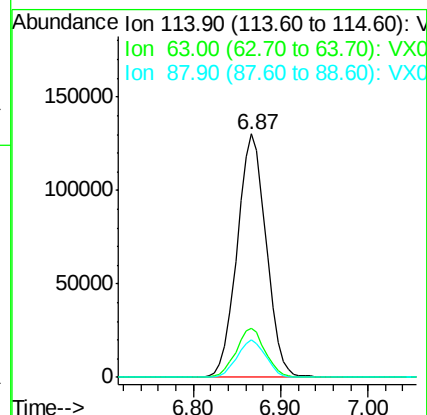
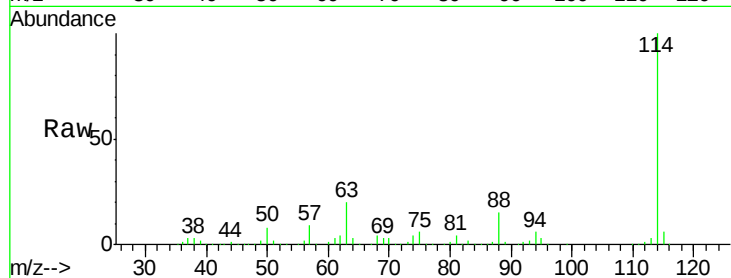




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002761.D
 Acq: 21 Jun 2018 00:46

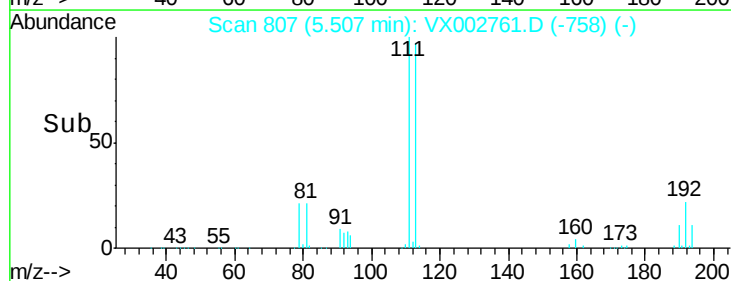
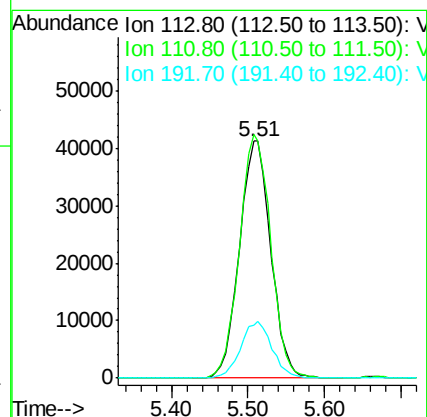
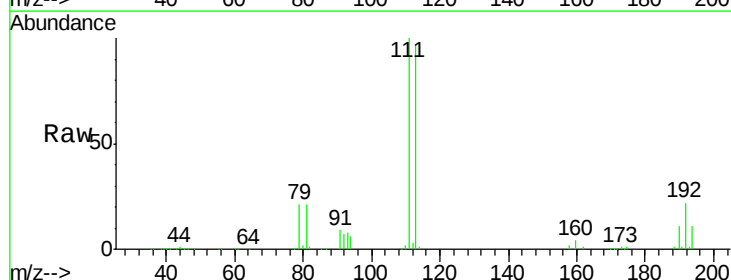
Instrument :
 MSVOA_X
 ClientSampleId :
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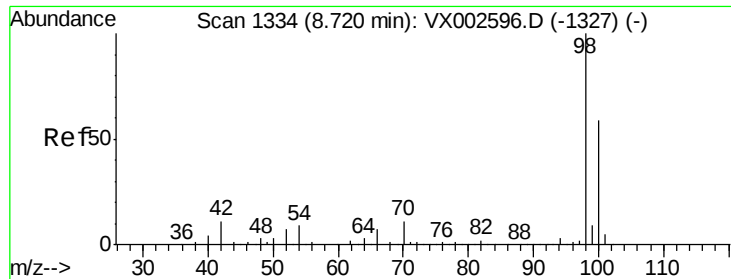
Tot Ion:114 Resp: 300774
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.3 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.88 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002761.D
 Acq: 21 Jun 2018 00:46

Tgt Ion:113 Resp: 117334
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.7 19.1 28.7

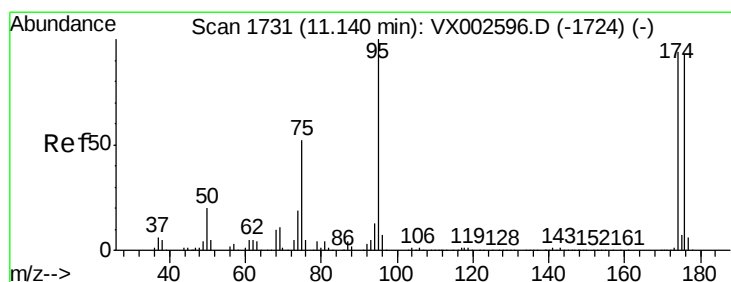
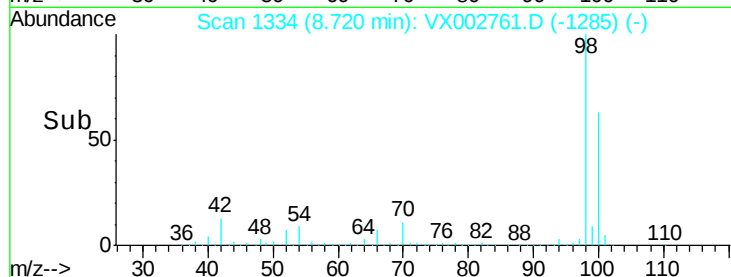
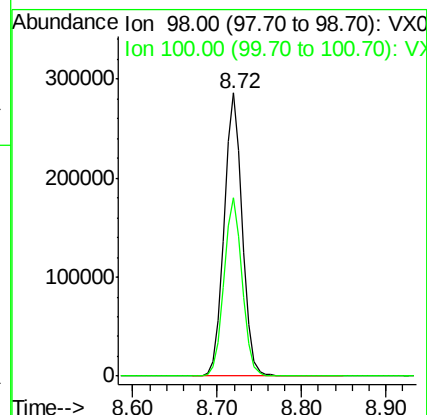
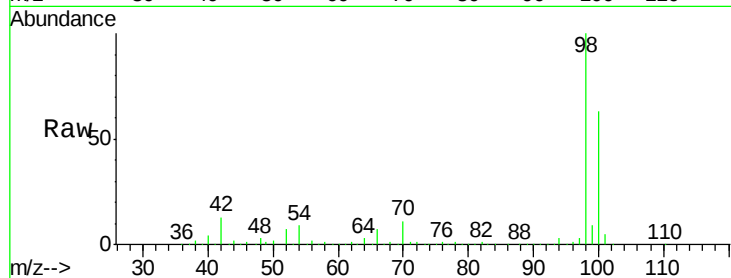




#50
Toluene-d8
Concen: 46.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002761.D
Acq: 21 Jun 2018 00:46

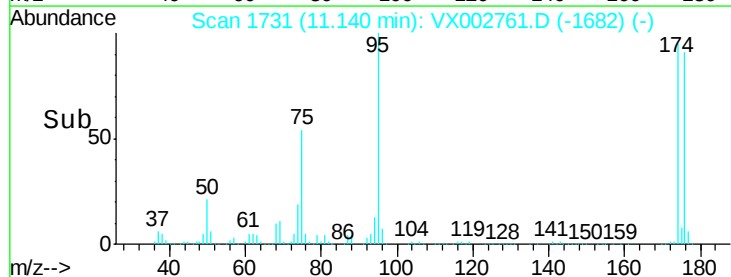
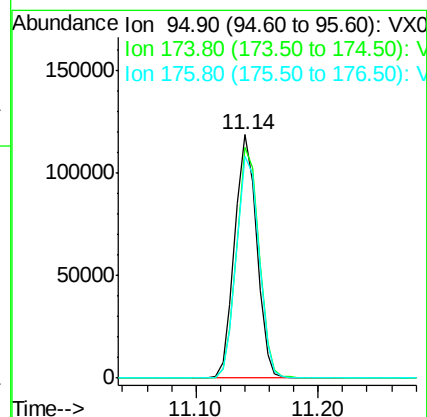
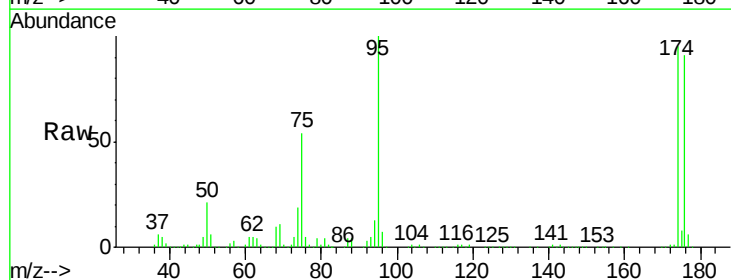
Instrument :
MSVOA_X
ClientSampleId :
PB110408TB

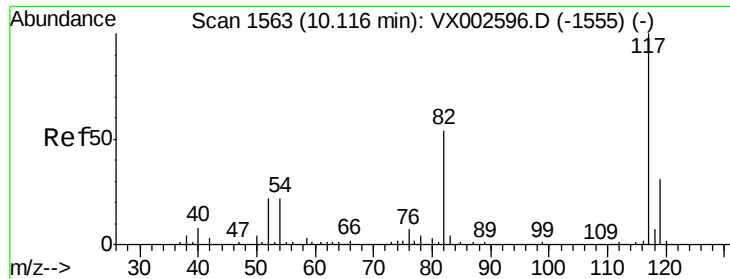
Tot Ion: 98 Resp: 427300
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002761.D
Acq: 21 Jun 2018 00:46

Tgt Ion: 95 Resp: 147199
Ion Ratio Lower Upper
95 100
174 96.9 0.0 187.4
176 94.1 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002761.D

Acq: 21 Jun 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

PB110408TB

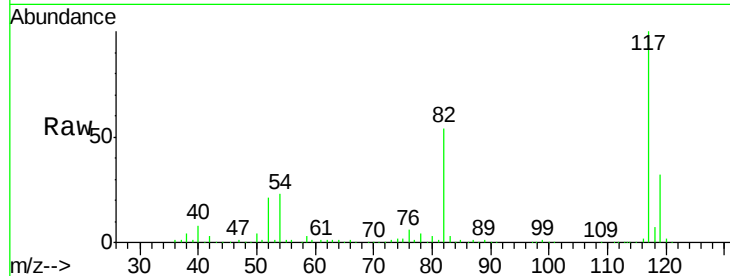
Tot Ion:117 Resp: 279837

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

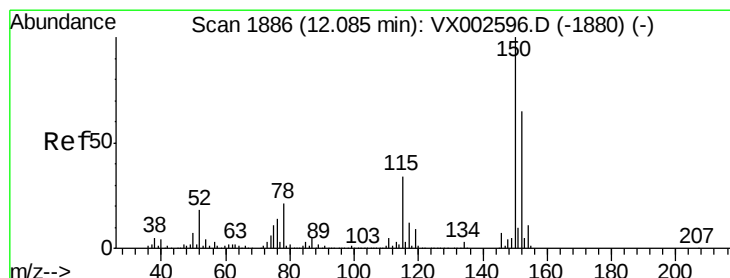
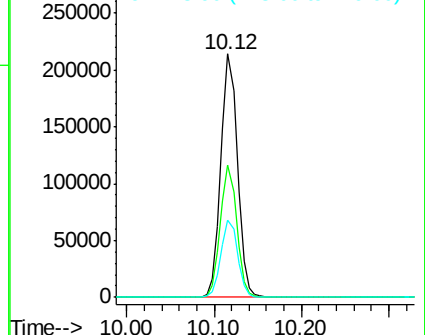
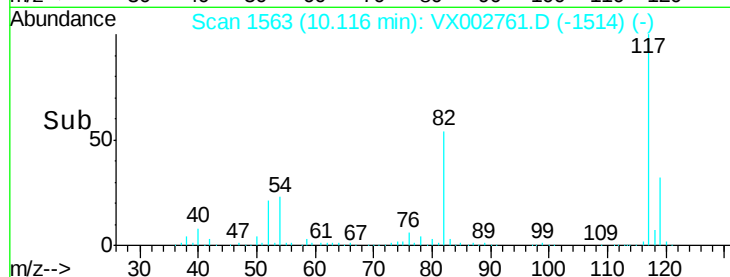
119 31.8 25.8 38.6



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002761.D

Acq: 21 Jun 2018 00:46

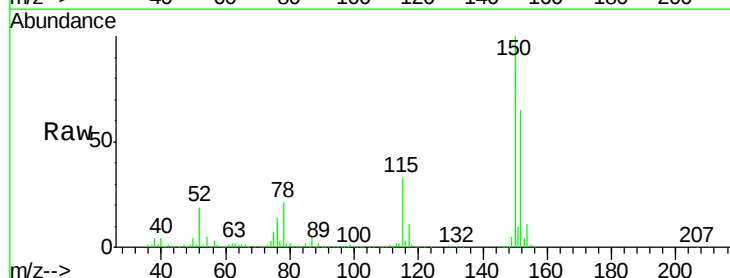
Tgt Ion:152 Resp: 155293

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 155.5 0.0 347.2



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

