

Data File : VX002748.D
Acq On : 20 Jun 2018 18:07
Operator : JC/MD
Sample : J3597-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-22

Quant Time: Jul 02 06:37:06 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	229237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155063	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.51	113	126631	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.72	98	461743	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	11.14	95	164039	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	

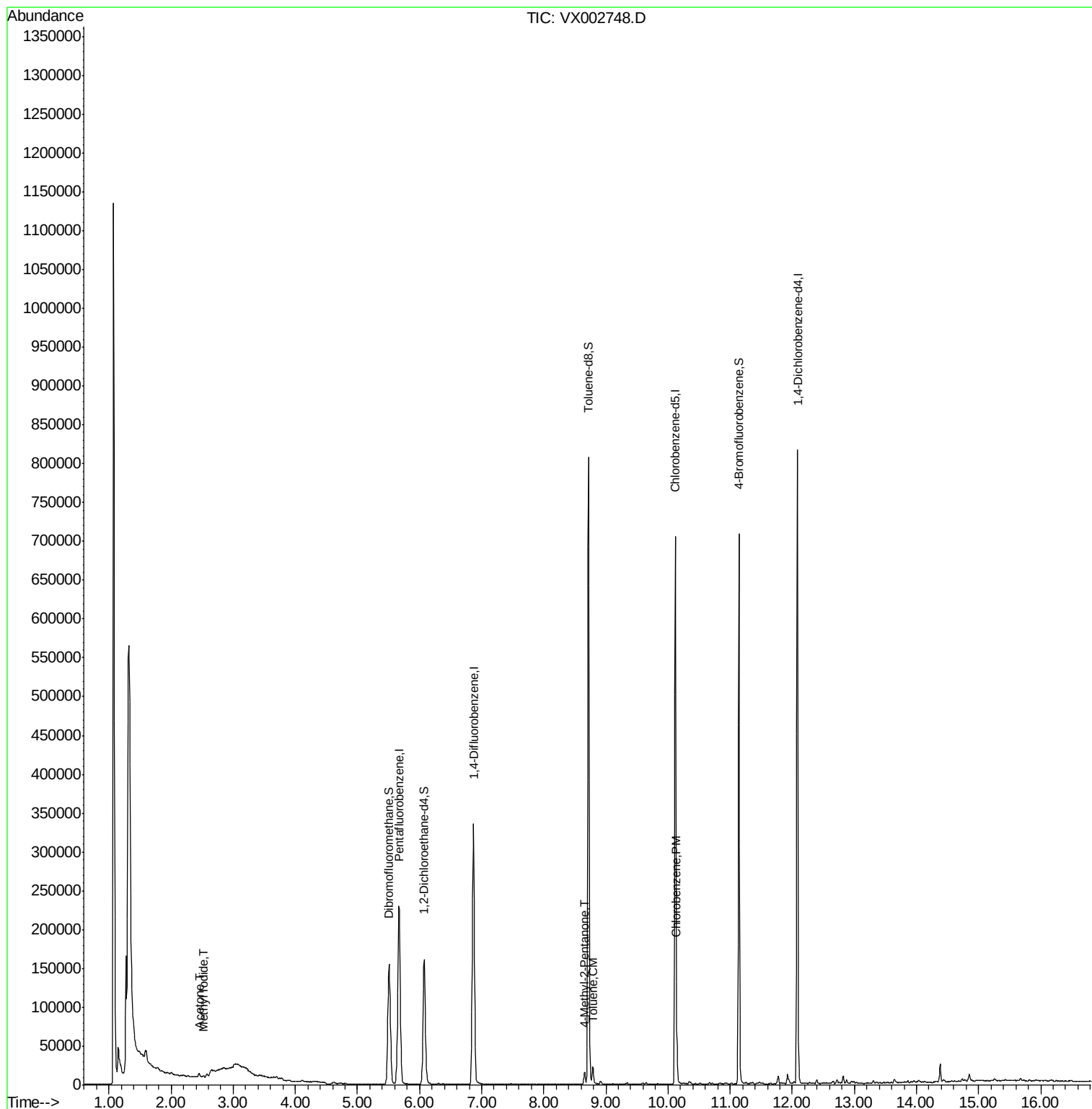
Target Compounds				Qvalue		
10) Methyl Iodide	2.51	142	2545	5.801	ug/l	98
16) Acetone	2.45	43	4999	3.253	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	8914	2.124	ug/l	96
52) Toluene	8.79	92	7193	1.079	ug/l	97
65) Chlorobenzene	10.14	112	19586	2.626	ug/l	97

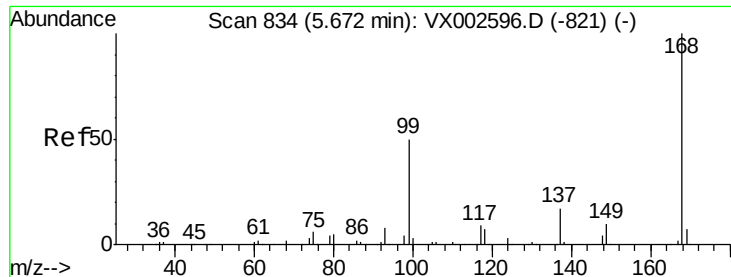
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002748.D

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Instrument :

MSVOA_X

ClientSampleId :

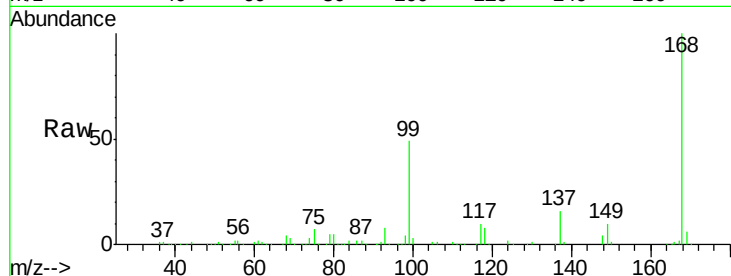
W-22

Tgt Ion:168 Resp: 229237

Ion Ratio Lower Upper

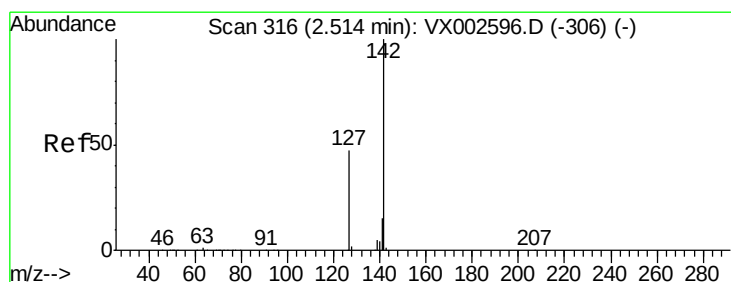
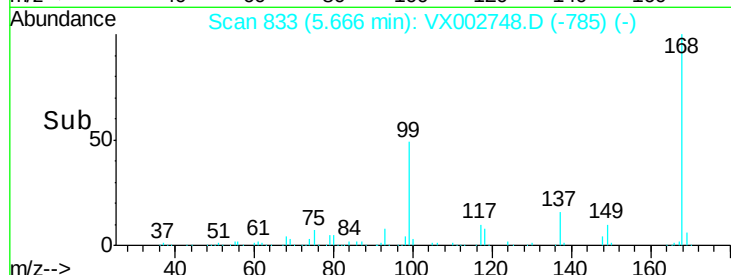
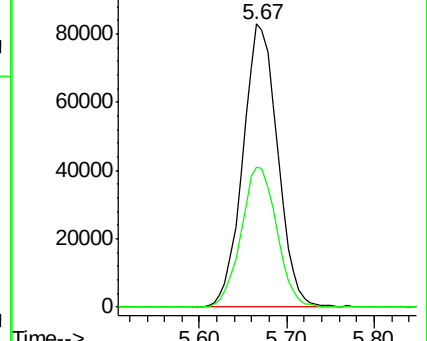
168 100

99 49.2 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: 5.801 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002748.D

Acq: 20 Jun 2018 18:07

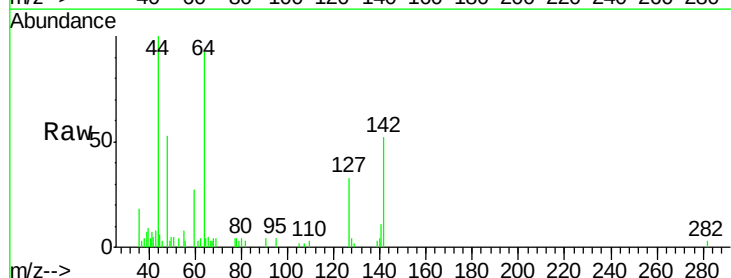
Tgt Ion:142 Resp: 2545

Ion Ratio Lower Upper

142 100

127 46.0 36.6 55.0

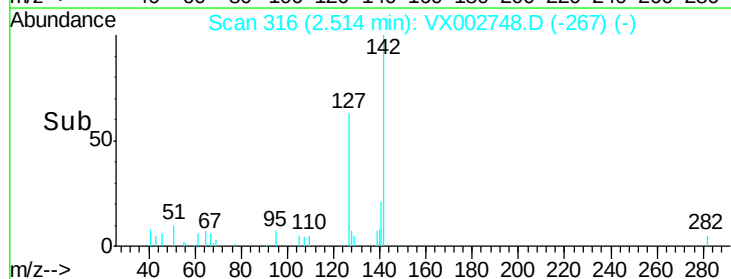
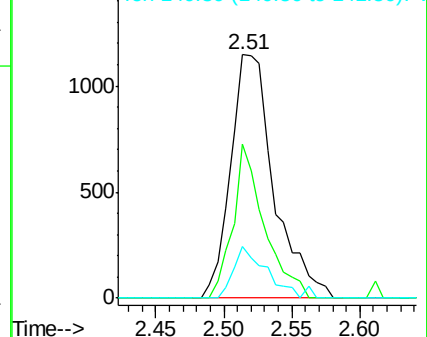
141 16.6 11.3 16.9

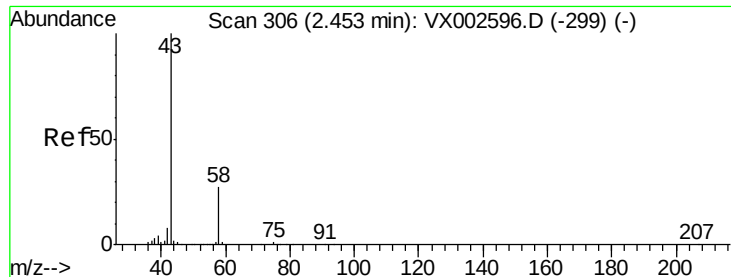


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 3.253 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002748.D

Acq: 20 Jun 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

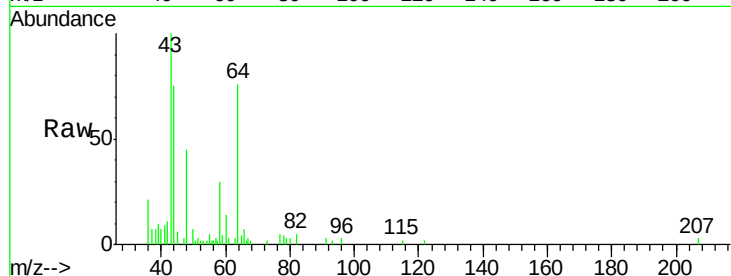
W-22

Tgt Ion: 43 Resp: 4999

Ion Ratio Lower Upper

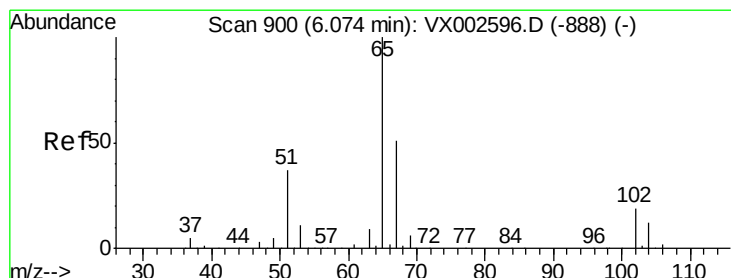
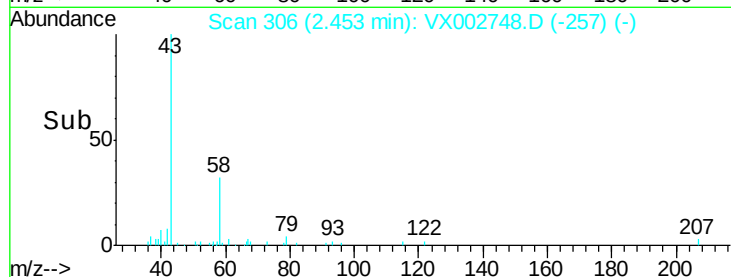
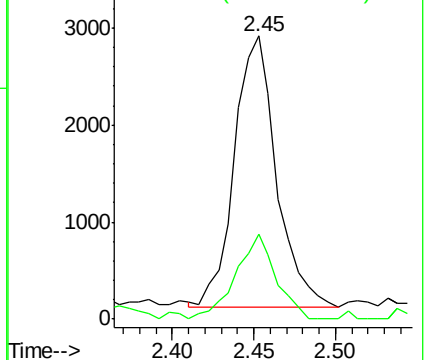
43 100

58 31.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.513 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002748.D

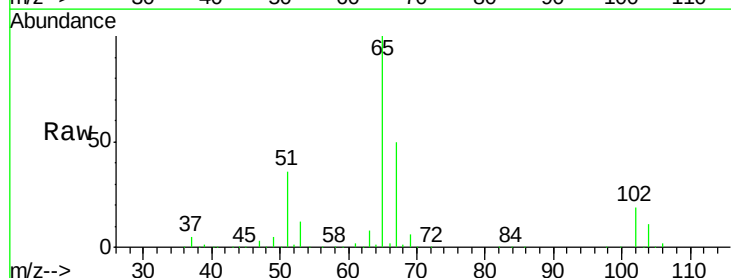
Acq: 20 Jun 2018 18:07

Tgt Ion: 65 Resp: 155063

Ion Ratio Lower Upper

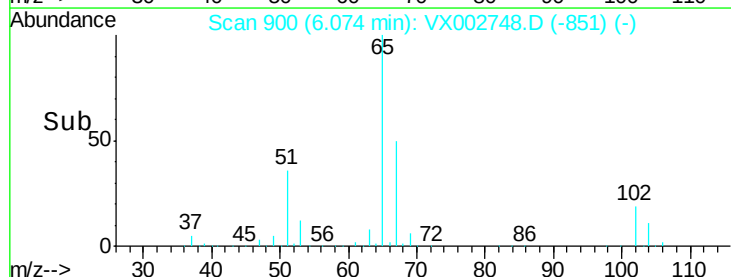
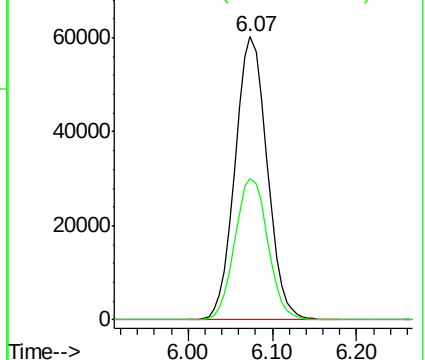
65 100

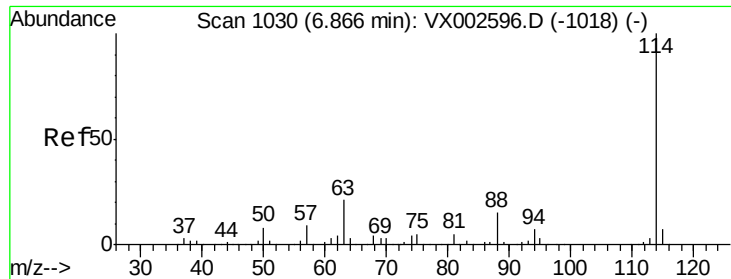
67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

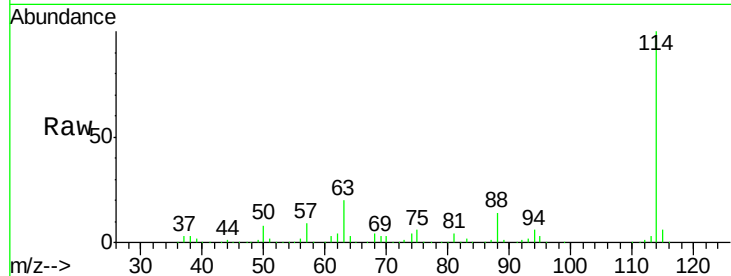




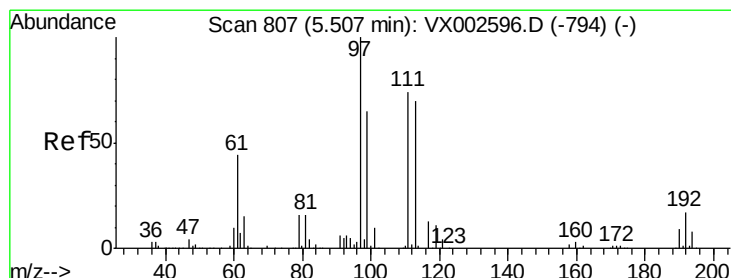
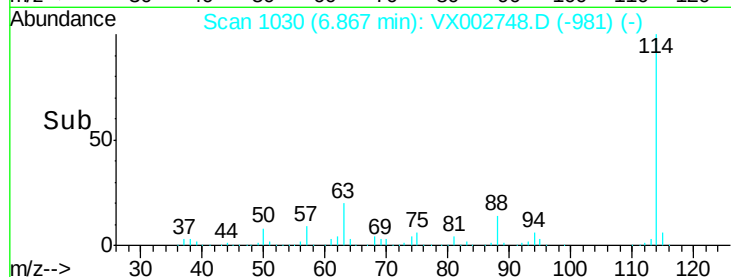
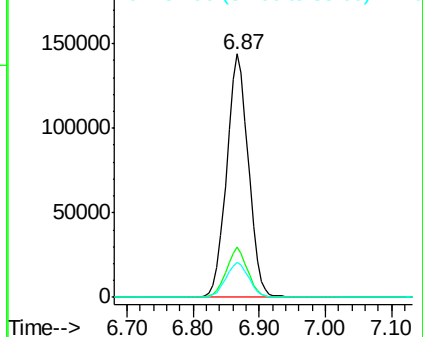
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002748.D
 Acq: 20 Jun 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 W-22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	14.4	0.0	30.0

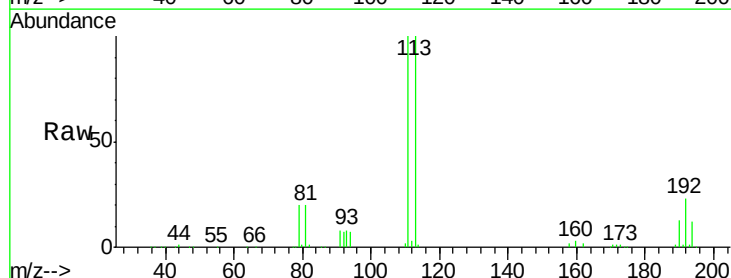


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

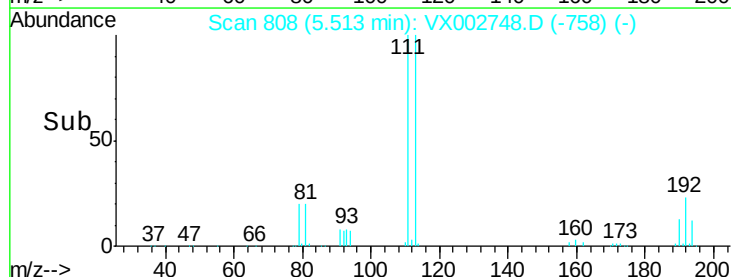
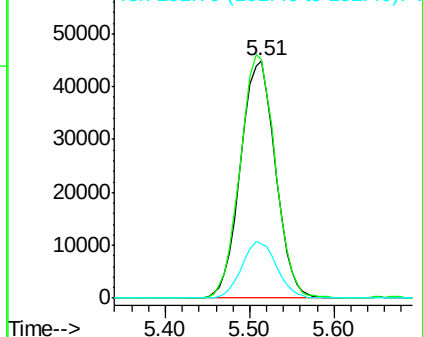


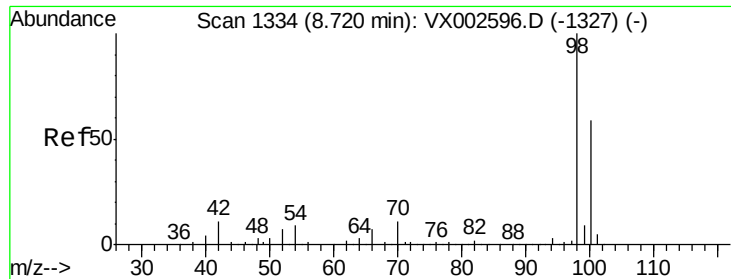
#35
 Dibromofluoromethane
 Concen: 48.352 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002748.D
 Acq: 20 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	23.8	19.1	28.7



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





#50

Toluene-d8

Concen: 46.435 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002748.D

Acq: 20 Jun 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

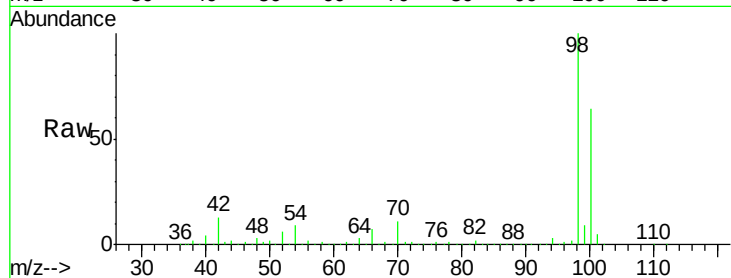
W-22

Tgt Ion: 98 Resp: 461743

Ion Ratio Lower Upper

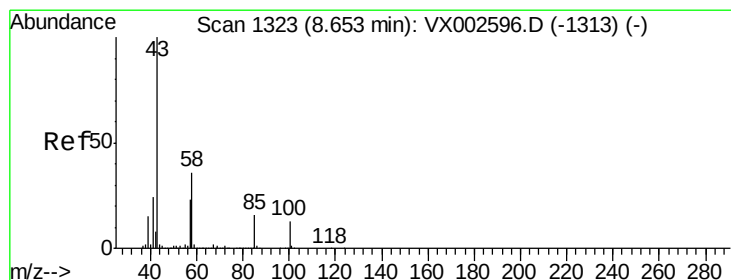
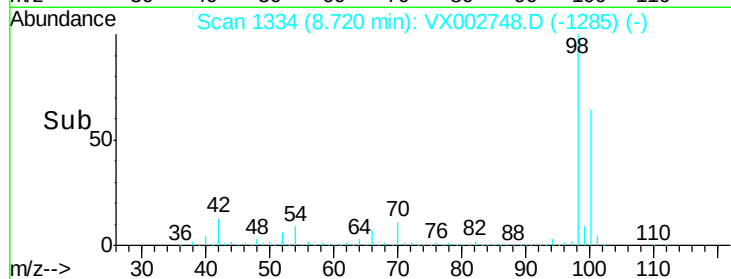
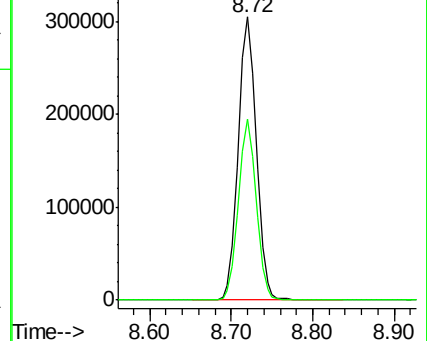
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 2.124 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002748.D

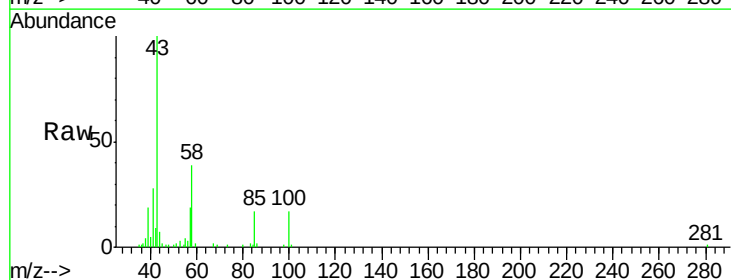
Acq: 20 Jun 2018 18:07

Tgt Ion: 43 Resp: 8914

Ion Ratio Lower Upper

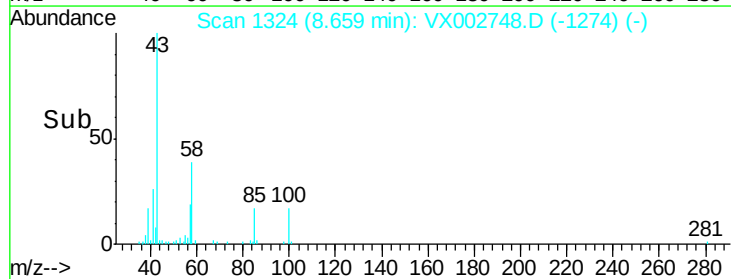
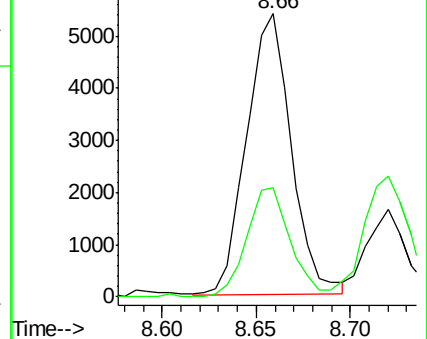
43 100

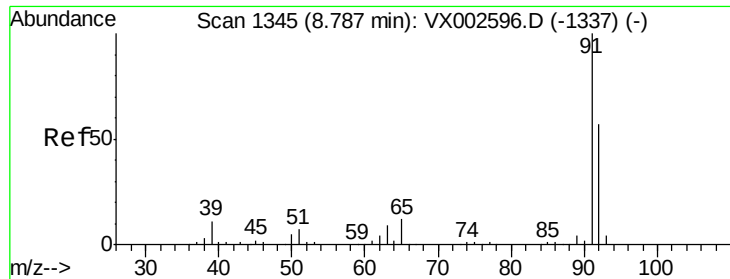
58 37.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.079 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002748.D

Acq: 20 Jun 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

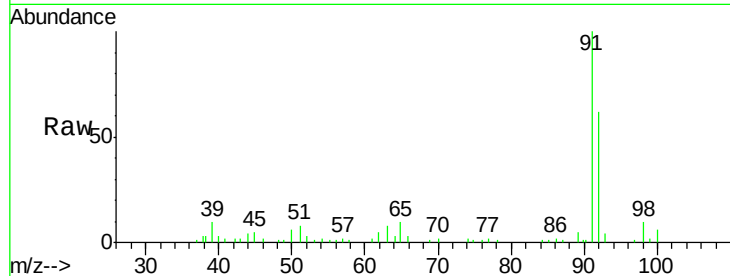
W-22

Tgt Ion: 92 Resp: 7193

Ion Ratio Lower Upper

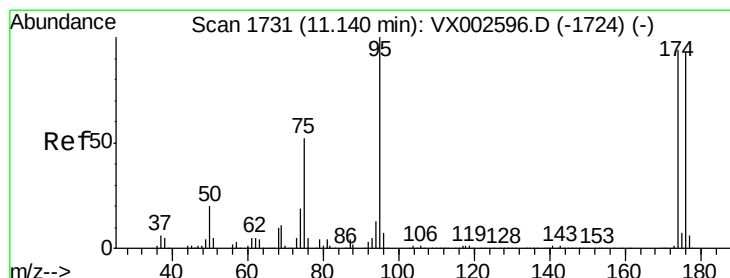
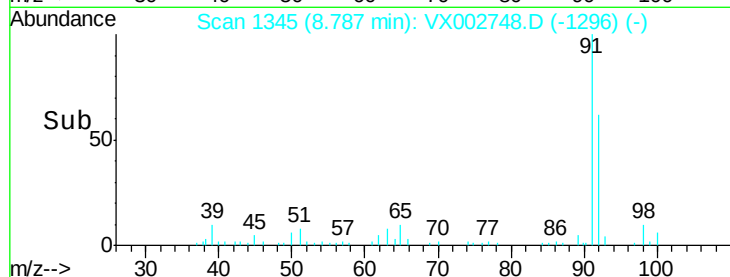
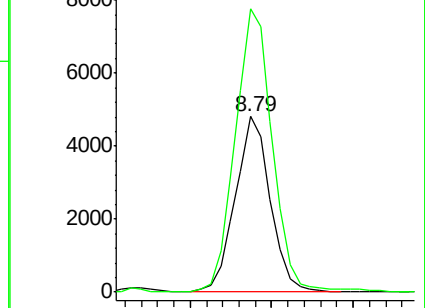
92 100

91 171.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.534 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002748.D

Acq: 20 Jun 2018 18:07

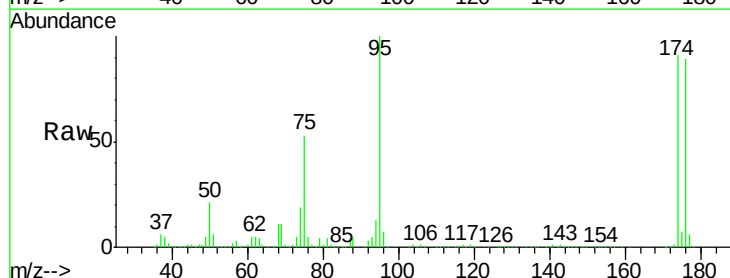
Tgt Ion: 95 Resp: 164039

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

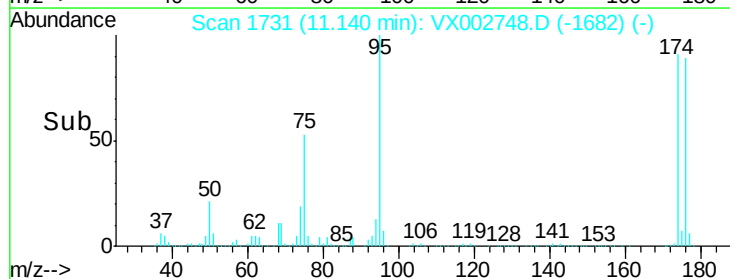
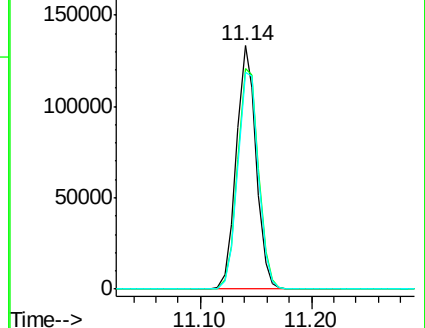
176 93.9 0.0 181.0

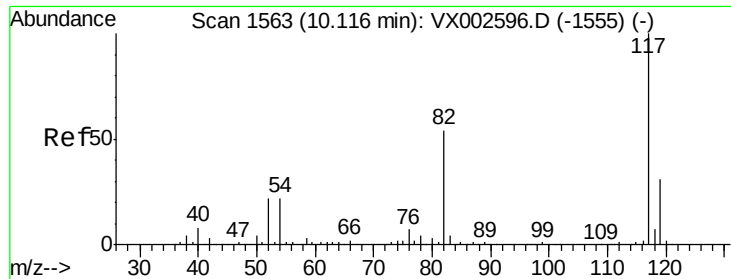


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

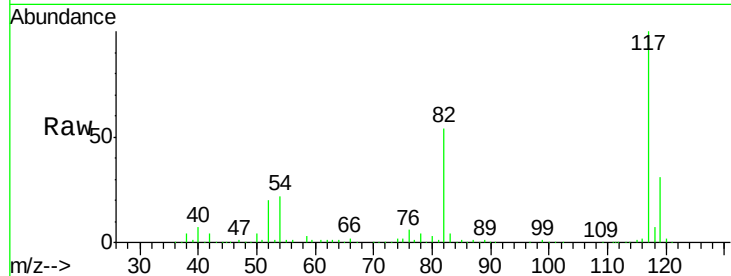




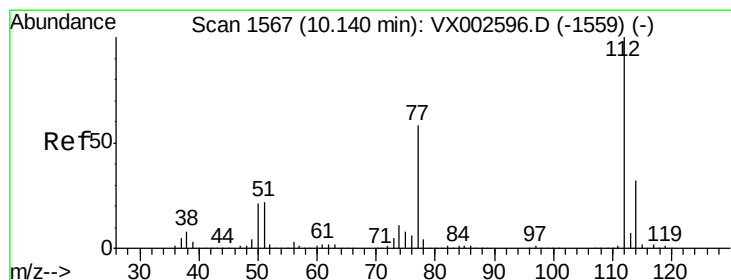
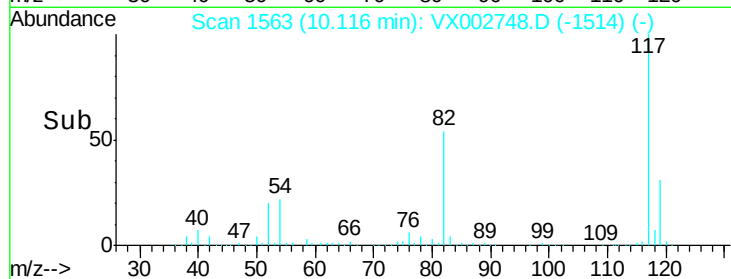
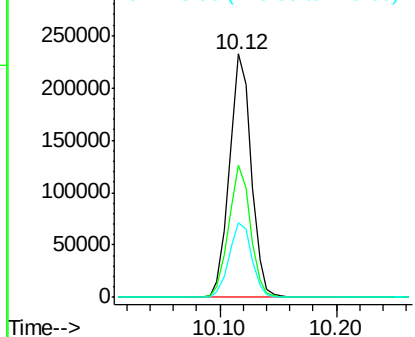
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002748.D
Acq: 20 Jun 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
W-22

Tgt Ion:117 Resp: 303735
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 30.9 25.8 38.6

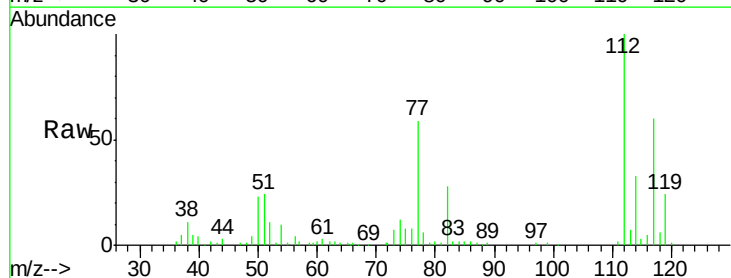


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

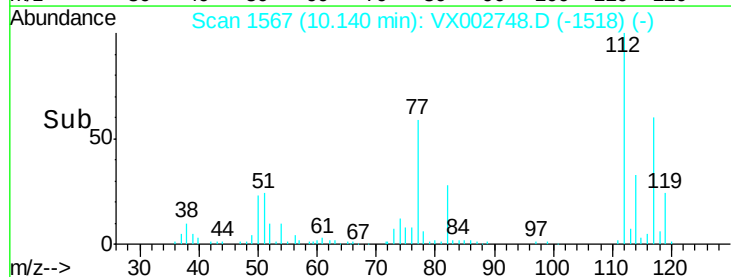
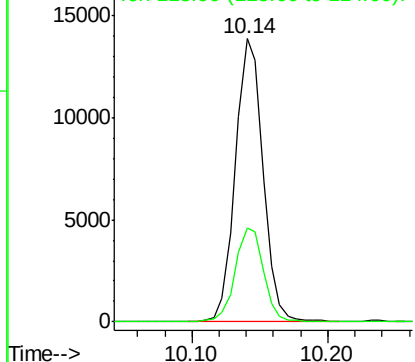


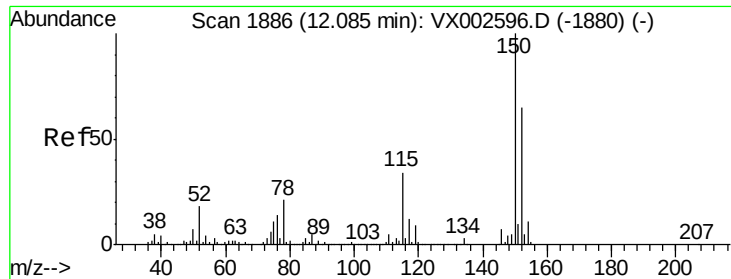
#65
Chlorobenzene
Concen: 2.626 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002748.D
Acq: 20 Jun 2018 18:07

Tgt Ion:112 Resp: 19586
Ion Ratio Lower Upper
112 100
114 33.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002748.D

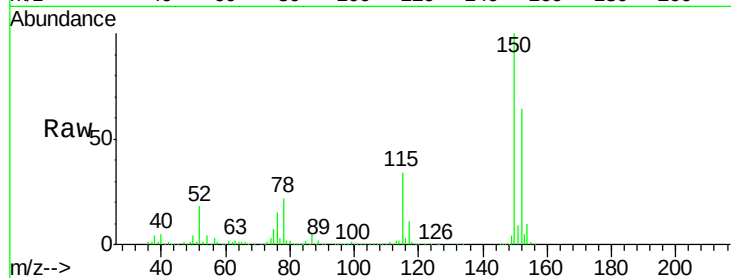
Acq: 20 Jun 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

W-22



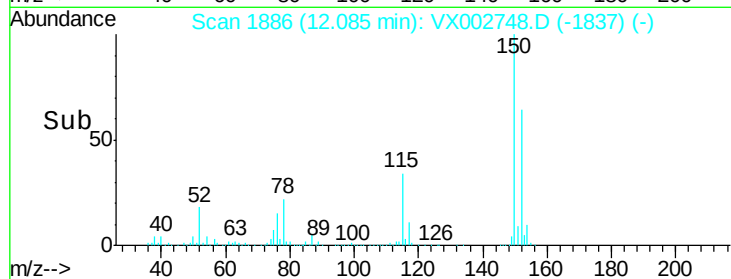
Tgt Ion:152 Resp: 176539

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 155.6 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

