

Data File : VX002752.D
Acq On : 20 Jun 2018 19:53
Operator : JC/MD
Sample : J3597-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-23

Quant Time: Jul 02 06:33:47 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

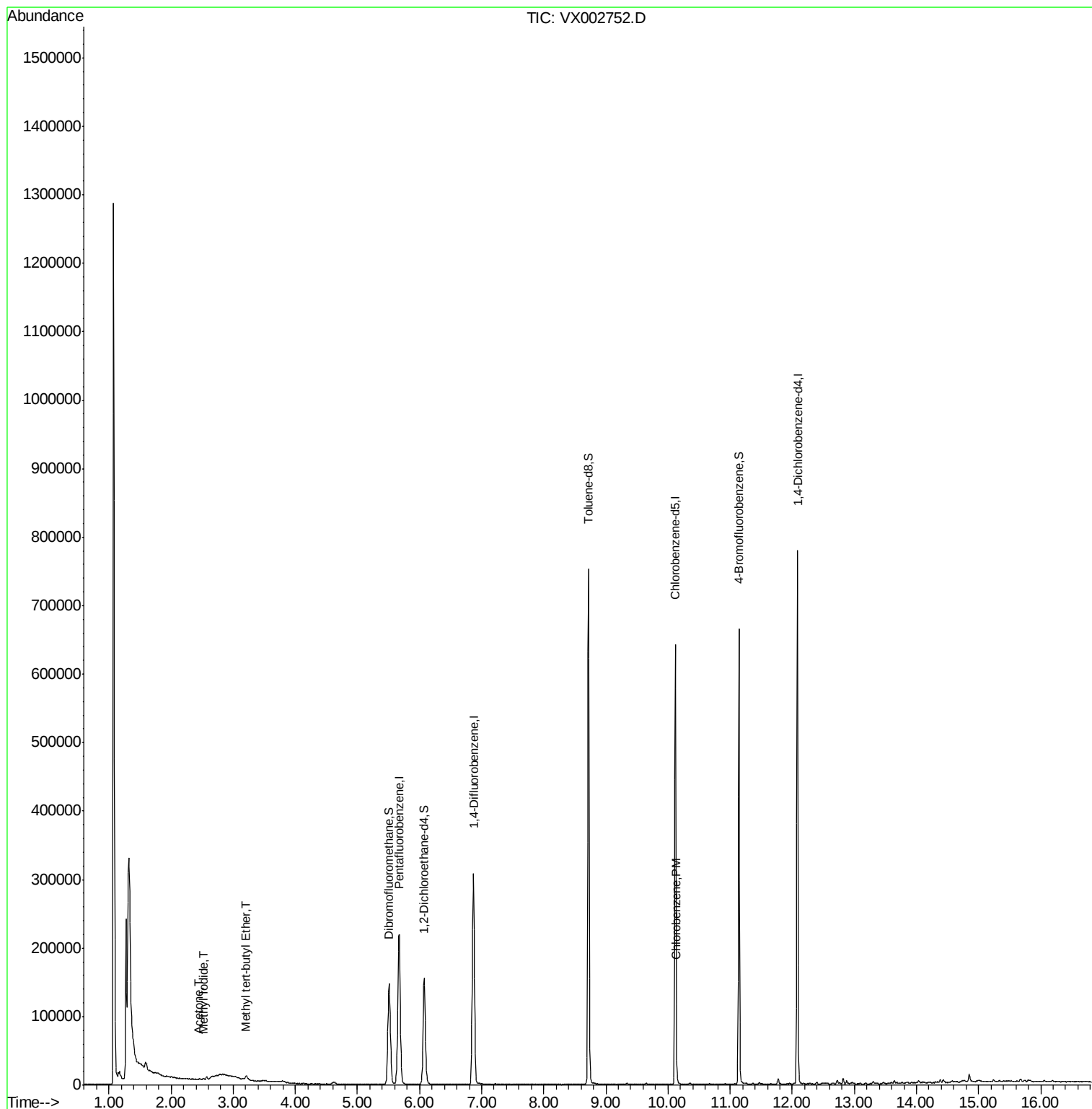
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146278	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
35) Dibromofluoromethane	5.51	113	120171	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.72	98	430017	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	153197	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
Target Compounds						
10) Methyl Iodide	2.51	142	1611	5.589	ug/l #	95
16) Acetone	2.45	43	1176	0.796	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	5455	0.591	ug/l	98
65) Chlorobenzene	10.14	112	2958	0.424	ug/l	93

(#) = 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# 834

Delta R.T. 0.00 min

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MSVOA_X

ClientSampleId :

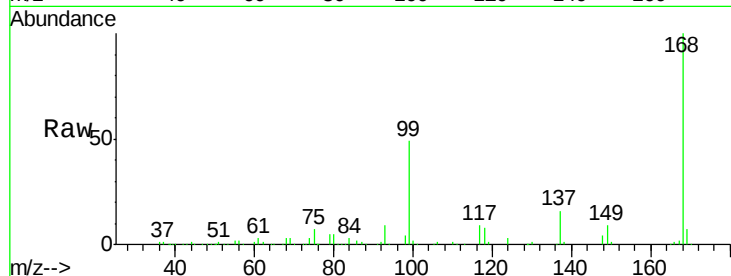
W-23

Tgt Ion:168 Resp: 220378

Ion Ratio Lower Upper

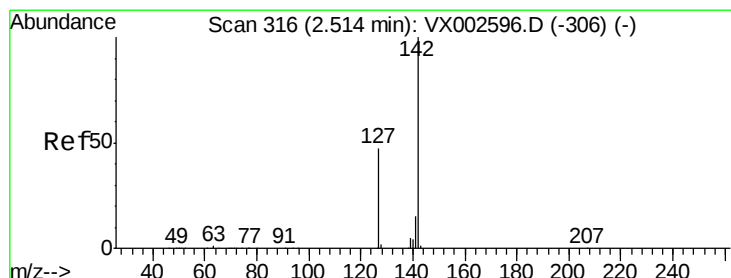
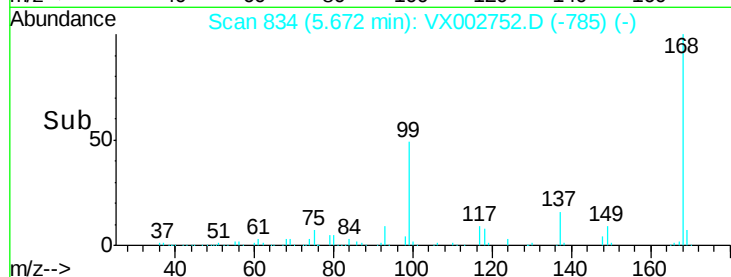
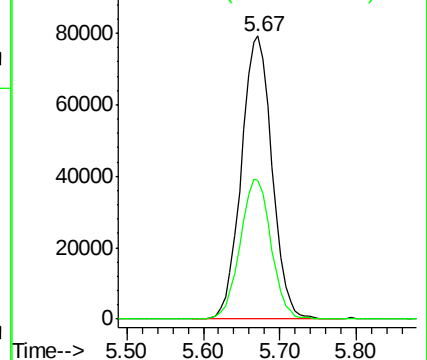
168 100

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: 5.589 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002752.D

Acq: 20 Jun 2018 19:53

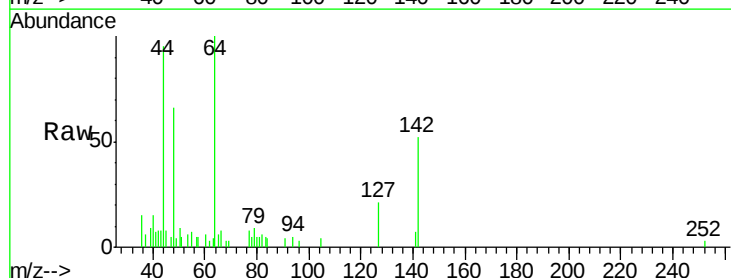
Tgt Ion:142 Resp: 1611

Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

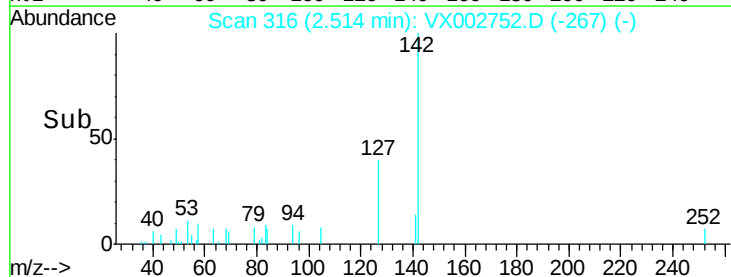
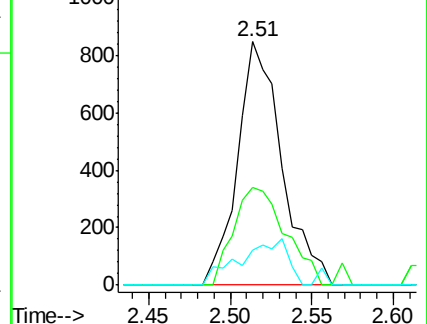
141 20.2 11.3 16.9#

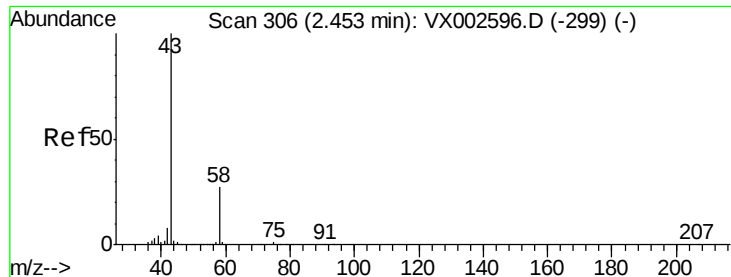


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 0.796 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

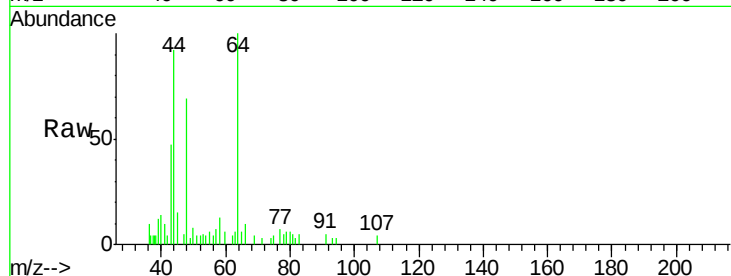
W-23

Tgt Ion: 43 Resp: 1176

Ion Ratio Lower Upper

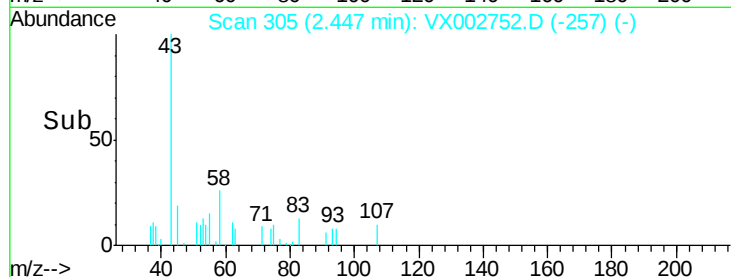
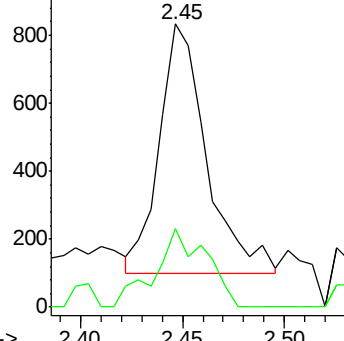
43 100

58 32.1 22.1 33.1

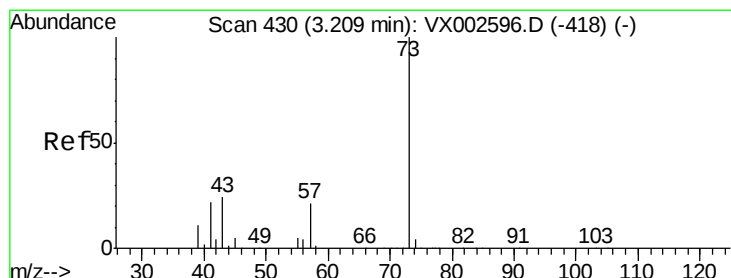


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#19

Methyl tert-butyl Ether

Concen: 0.591 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002752.D

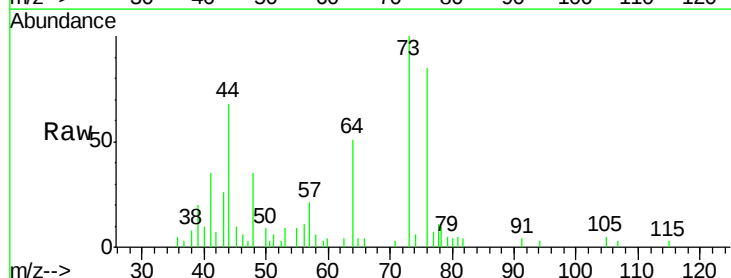
Acq: 20 Jun 2018 19:53

Tgt Ion: 73 Resp: 5455

Ion Ratio Lower Upper

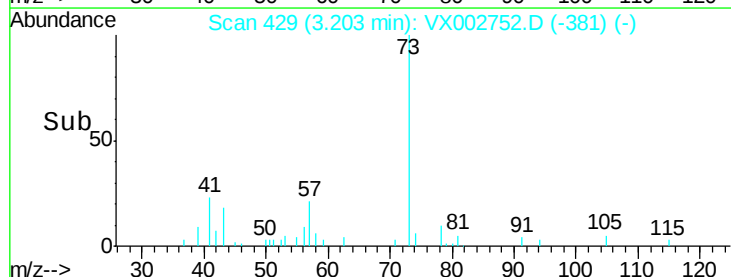
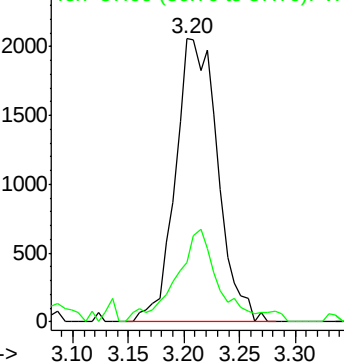
73 100

57 21.0 17.7 26.5

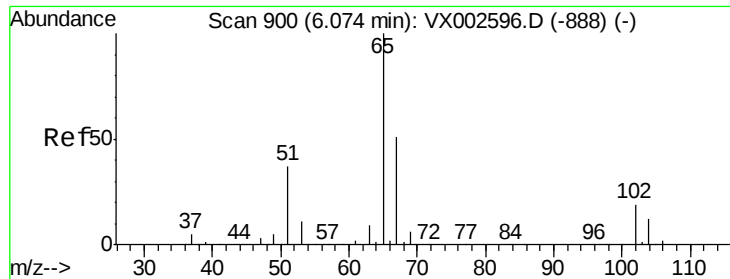


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.679 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002752.D

Acq: 20 Jun 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

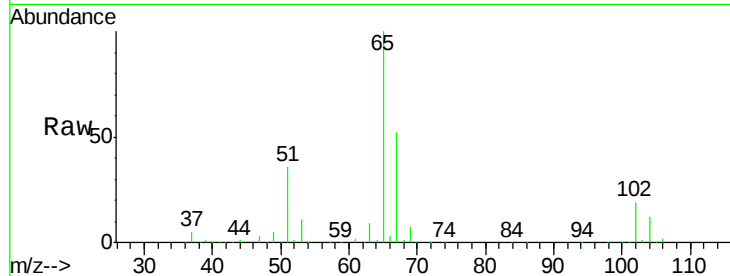
W-23

Tgt Ion: 65 Resp: 146278

Ion Ratio Lower Upper

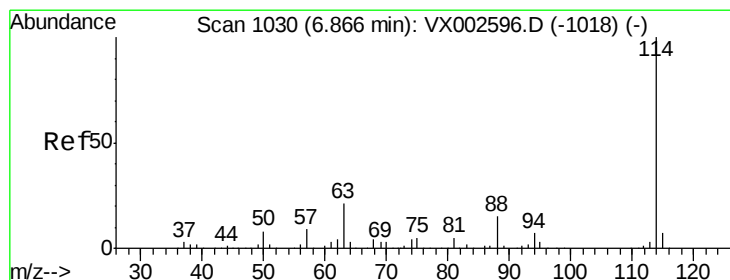
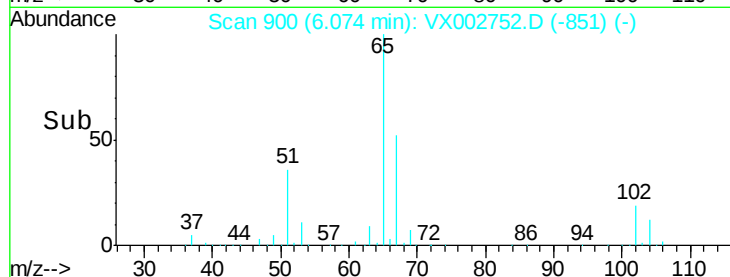
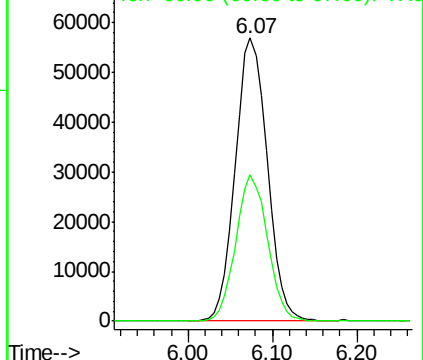
65 100

67 51.3 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: VX002752.D

Acq: 20 Jun 2018 19:53

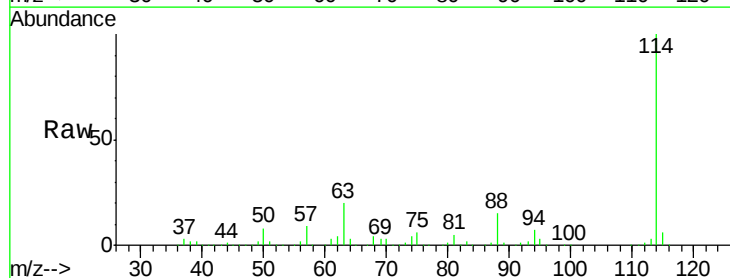
Tgt Ion: 114 Resp: 307930

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

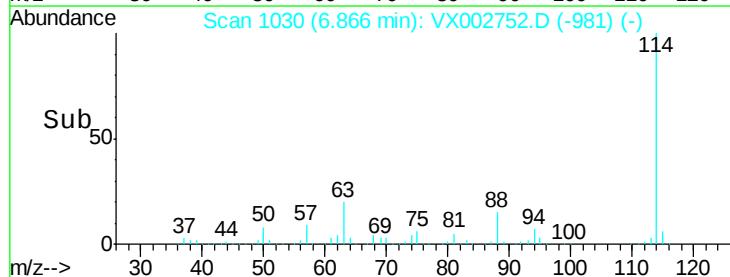
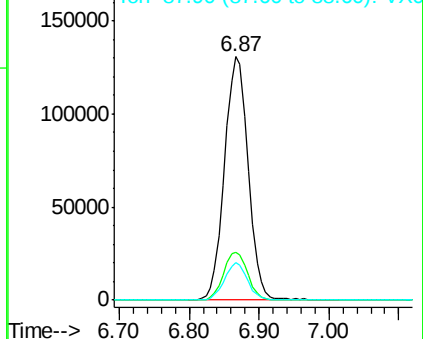
88 15.2 0.0 30.0

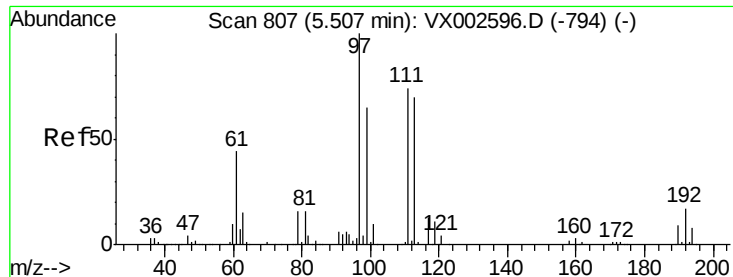


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

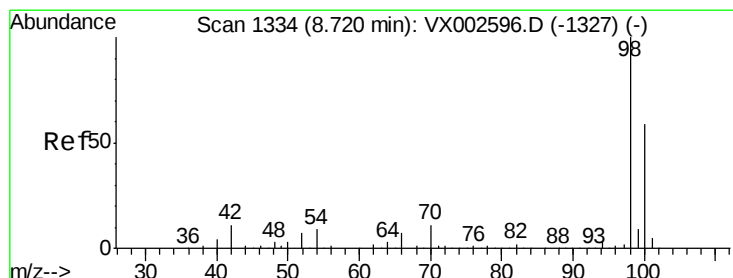
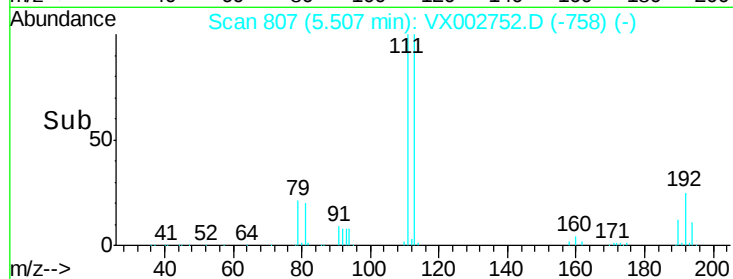
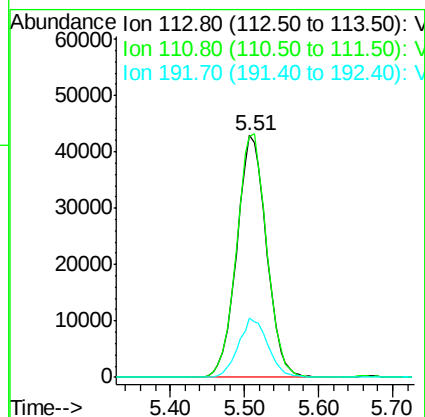
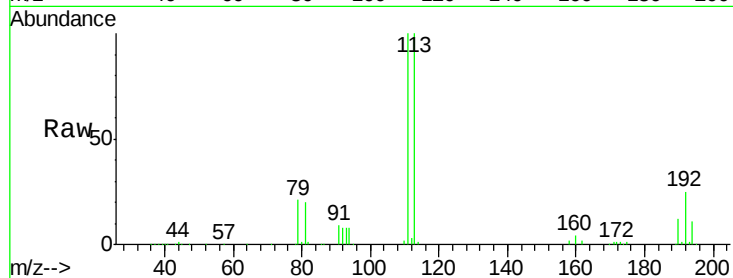




#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002752.D
 Acq: 20 Jun 2018 19:53

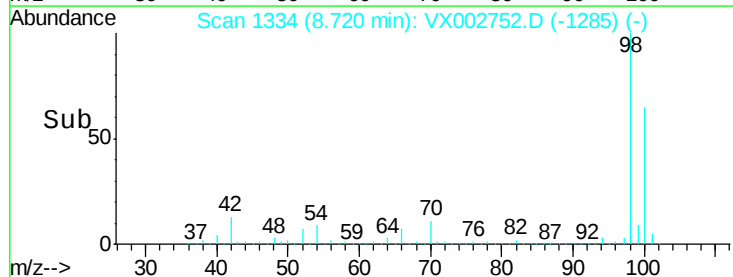
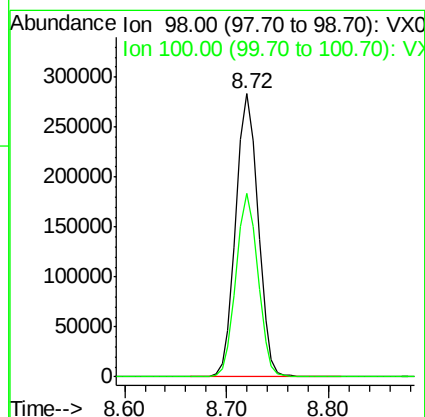
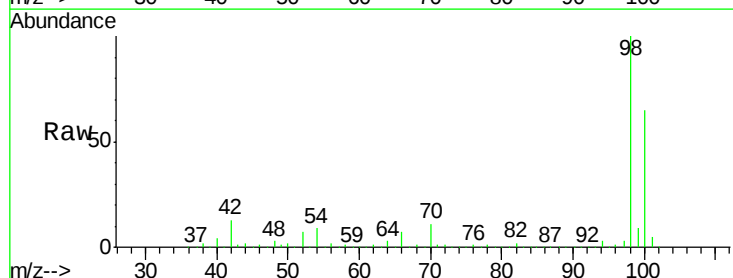
Instrument :
 MSVOA_X
 ClientSampleId :
 W-23

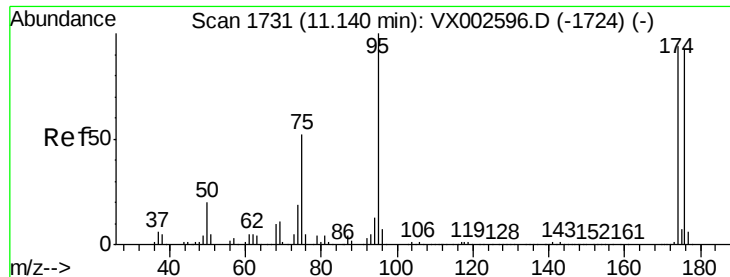
Tgt Ion: 113 Resp: 120171
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 46.083 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002752.D
 Acq: 20 Jun 2018 19:53

Tgt Ion: 98 Resp: 430017
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3

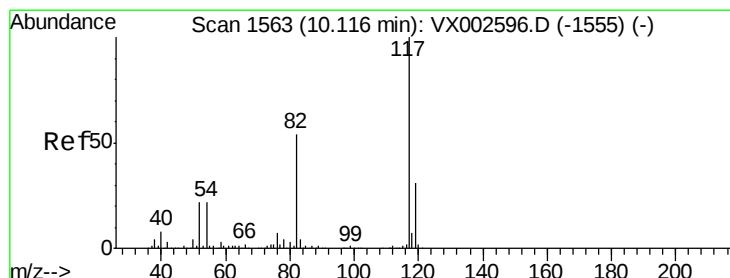
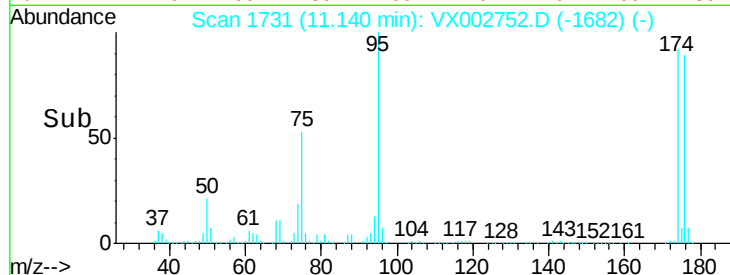
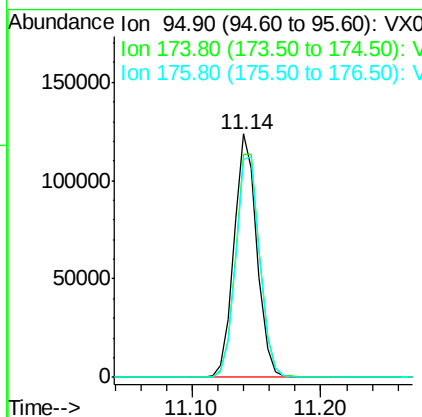
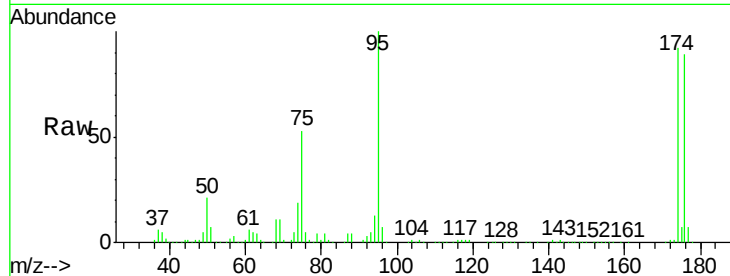




#62
4-Bromofluorobenzene
Concen: 43.325 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002752.D
Acq: 20 Jun 2018 19:53

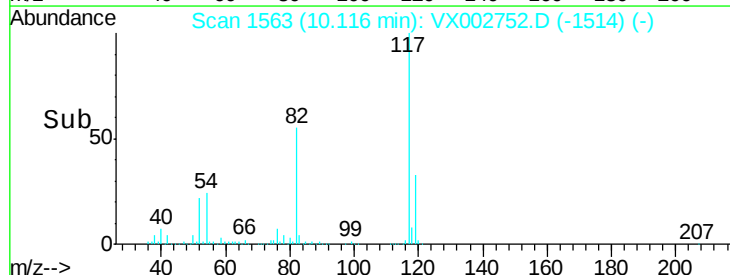
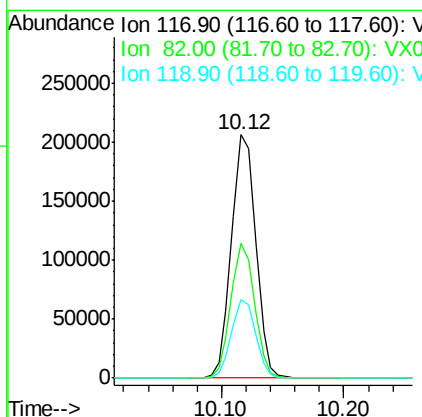
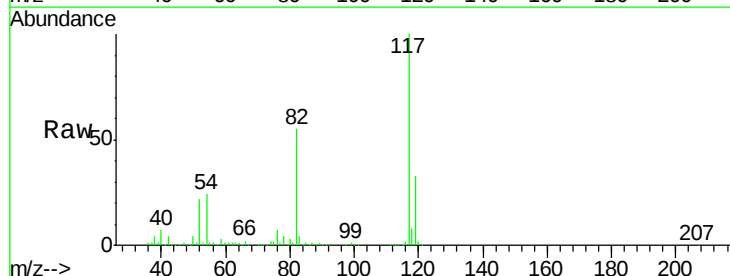
Instrument :
MSVOA_X
ClientSampleId :
W-23

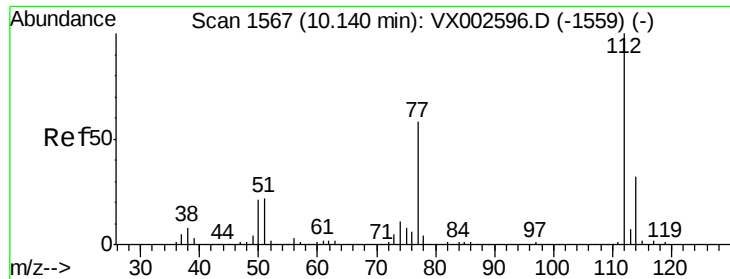
Tgt Ion: 95 Resp: 153197
Ion Ratio Lower Upper
95 100
174 97.1 0.0 187.4
176 94.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002752.D
Acq: 20 Jun 2018 19:53

Tgt Ion: 117 Resp: 284380
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.5 25.8 38.6





#65

Chlorobenzene

Concen: 0.424 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002752.D

Acq: 20 Jun 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

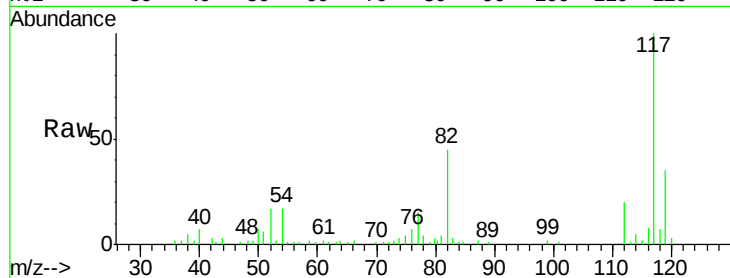
W-23

Tgt Ion:112 Resp: 2958

Ion Ratio Lower Upper

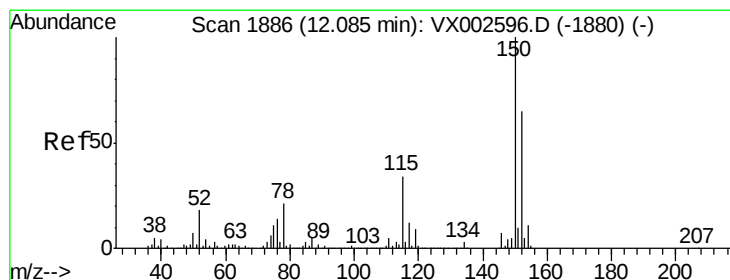
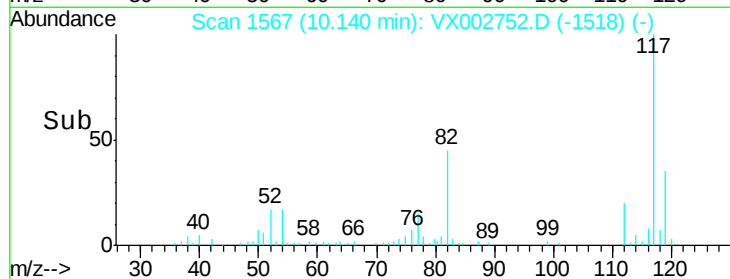
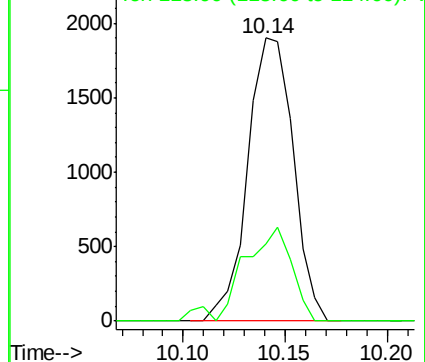
112 100

114 27.5 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: VX002752.D

Acq: 20 Jun 2018 19:53

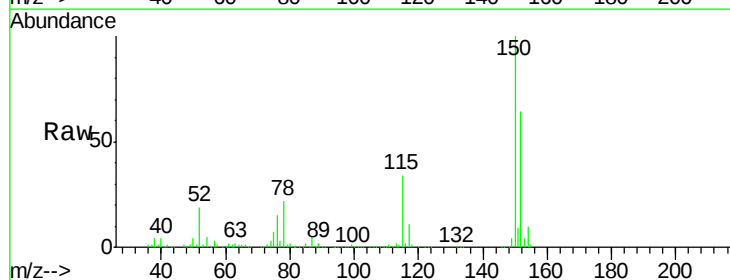
Tgt Ion:152 Resp: 164881

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

150 157.3 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

