

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002875.D
 Acq On : 25 Jun 2018 22:35
 Operator : JC/MD
 Sample : J3693-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-12

Quant Time: Jun 27 06:38:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

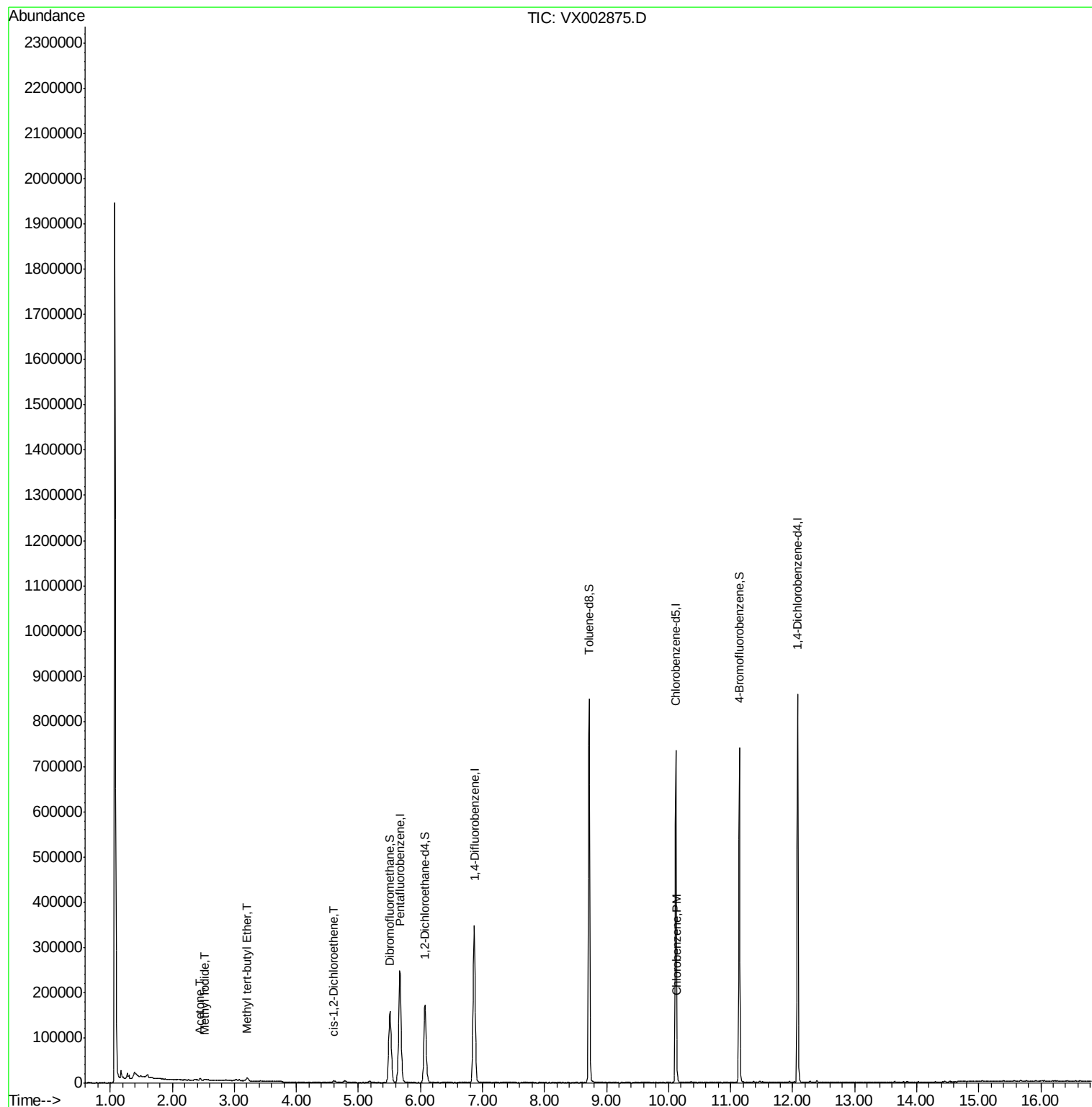
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165524	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	131115	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.72	98	483212	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	172227	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
10) Methyl Iodide	2.53	142	2000	6.87	ug/l	98
16) Acetone	2.45	43	4765	3.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	7870	0.91	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	1136	0.39	ug/l #	1
65) Chlorobenzene	10.14	112	2292	0.28	ug/l	97

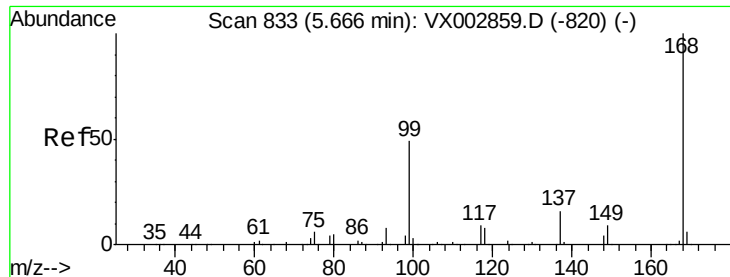
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

Instrument :

MSVOA_X

ClientSampleId :

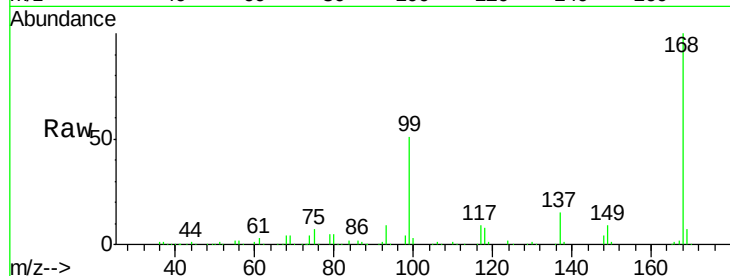
W-12

Tot Ion:168 Resp: 242988

Ion Ratio Lower Upper

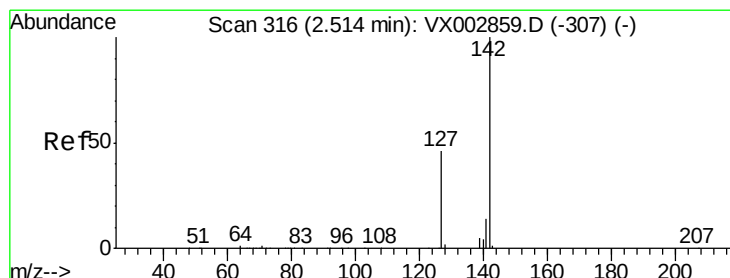
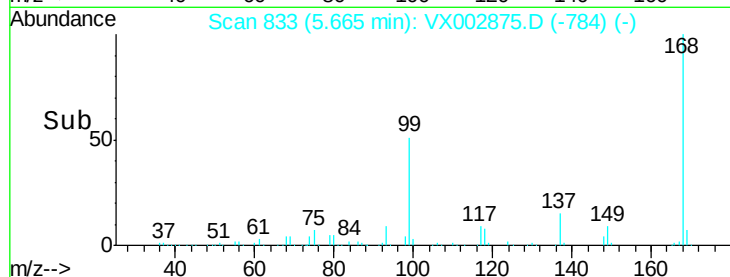
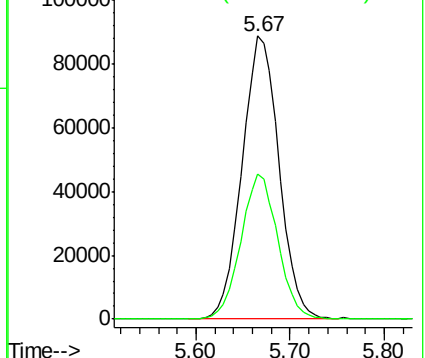
168 100

99 51.5 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: 6.87 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

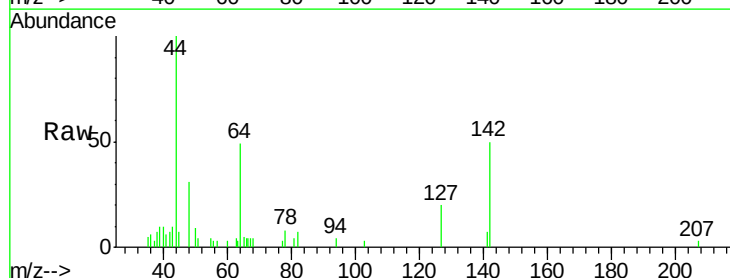
Tgt Ion:142 Resp: 2000

Ion Ratio Lower Upper

142 100

127 46.9 36.6 55.0

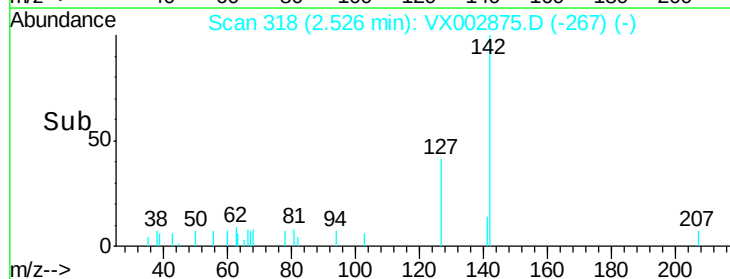
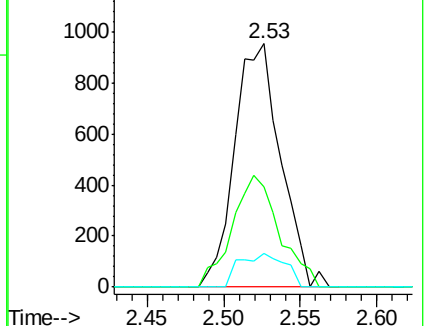
141 13.6 11.3 16.9

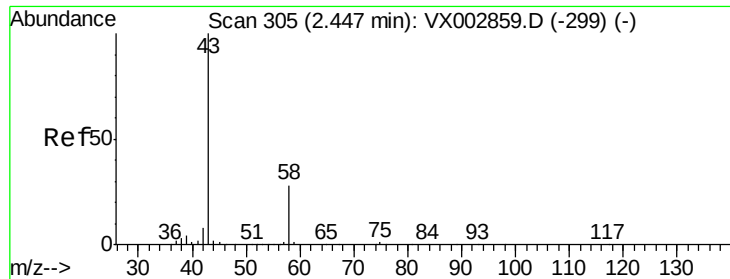


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 3.43 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

Instrument :

MSVOA_X

ClientSampled :

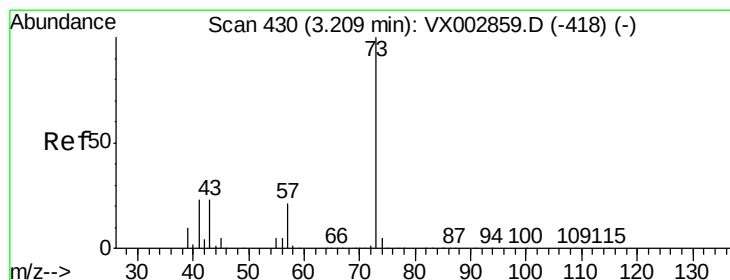
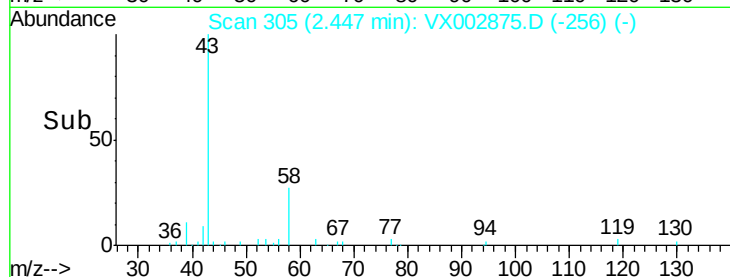
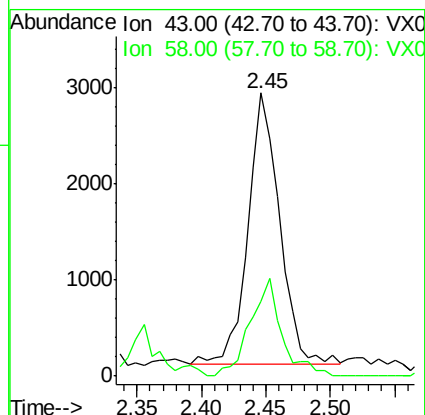
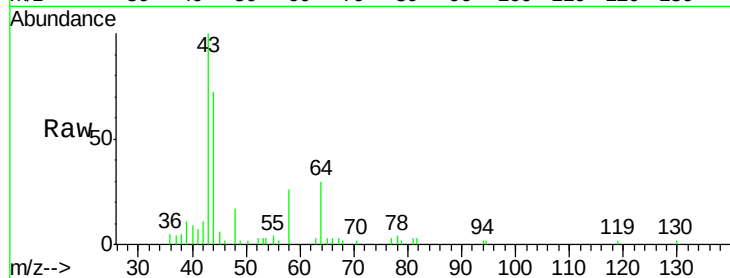
W-12

Tot Ion: 43 Resp: 4765

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1



#19

Methyl tert-butyl Ether

Concen: 0.91 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002875.D

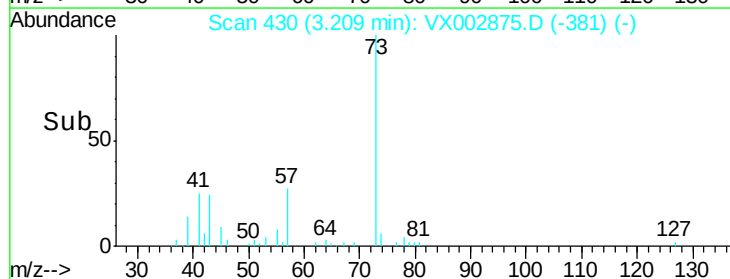
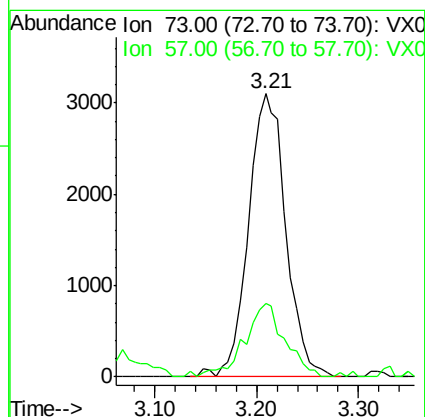
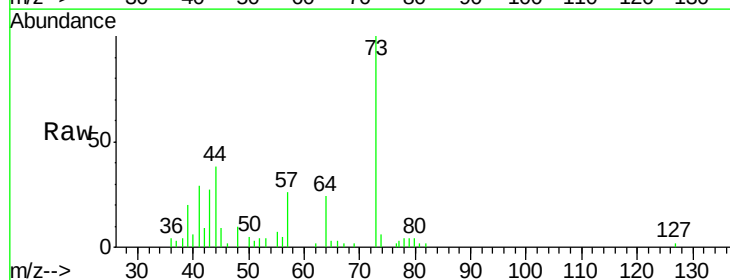
Acq: 25 Jun 2018 22:35

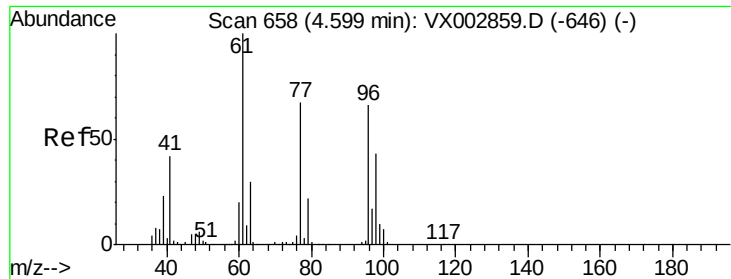
Tgt Ion: 73 Resp: 7870

Ion Ratio Lower Upper

73 100

57 24.4 17.7 26.5





#27

cis-1,2-Dichloroethene

Concen: 0.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

Instrument :

MSVOA_X

ClientSampled :

W-12

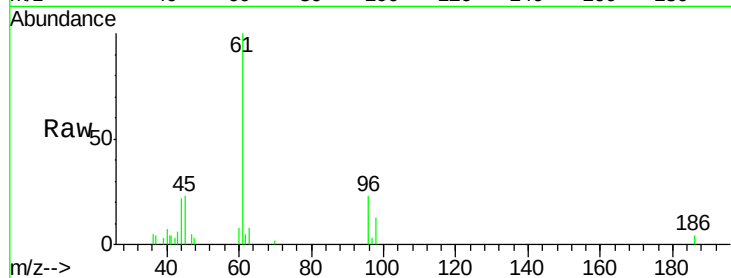
Tot Ion: 96 Resp: 1136

Ion Ratio Lower Upper

96 100

61 721.7 0.0 330.2#

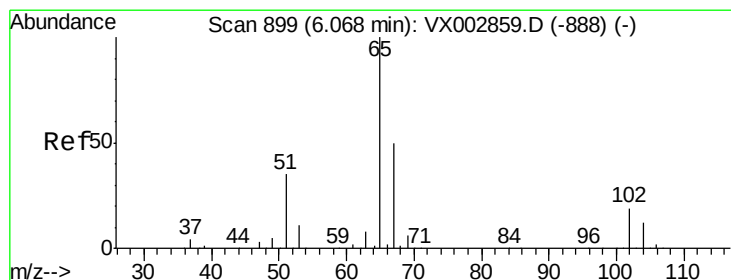
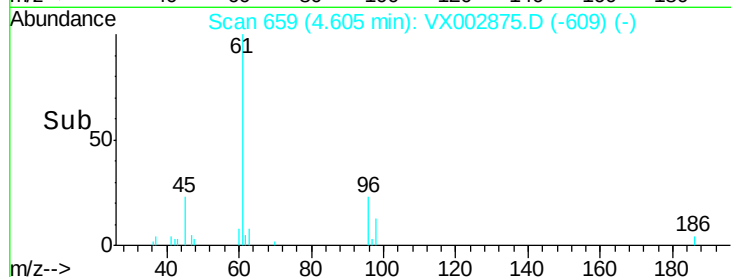
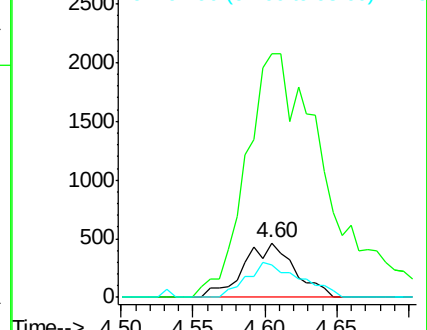
98 66.6 0.0 130.2



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: 49.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002875.D

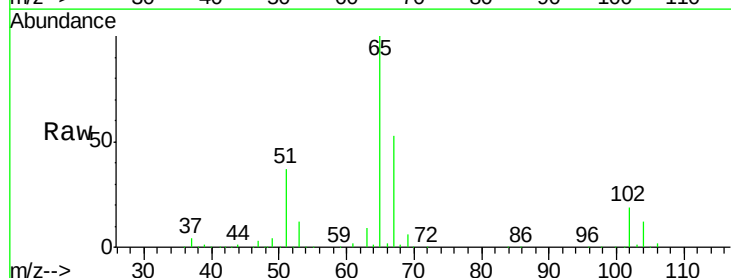
Acq: 25 Jun 2018 22:35

Tgt Ion: 65 Resp: 165524

Ion Ratio Lower Upper

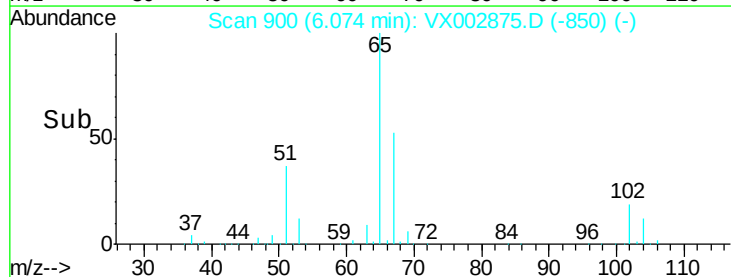
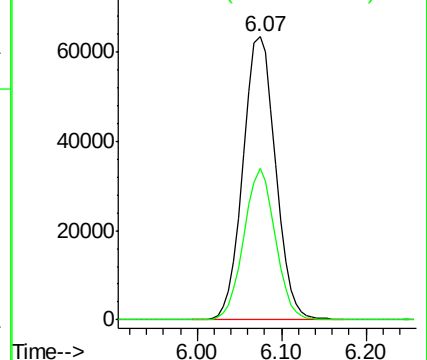
65 100

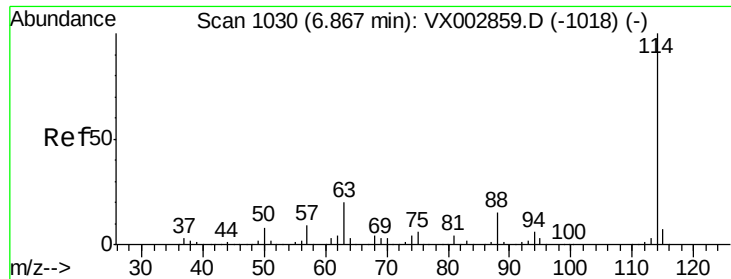
67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

Instrument :

MSVOA_X

ClientSampleId :

W-12

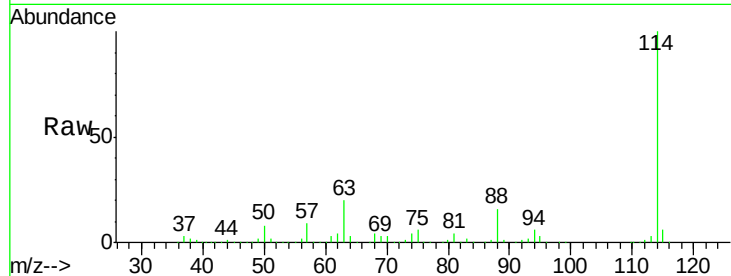
Tot Ion:114 Resp: 340605

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

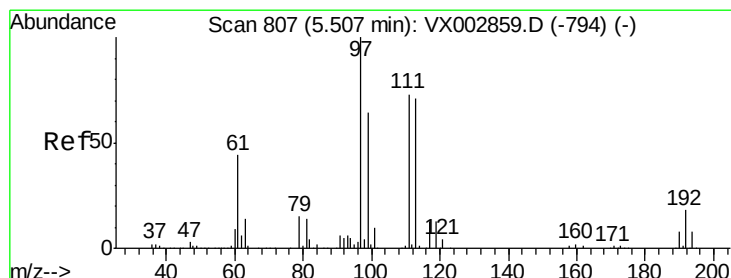
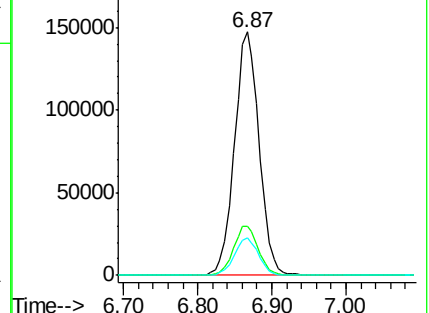
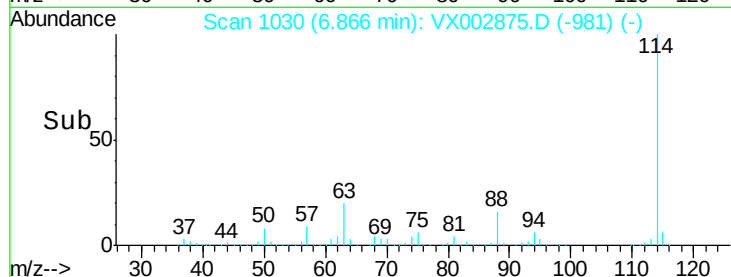
88 15.6 0.0 30.0



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: 48.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

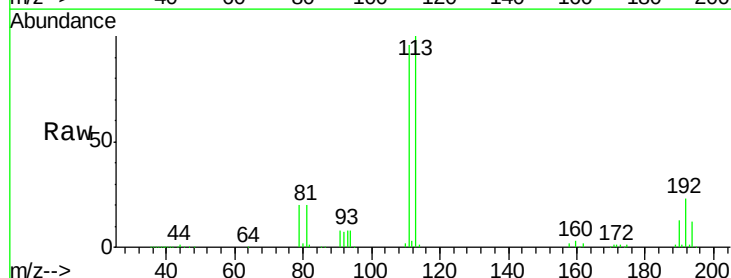
Tgt Ion:113 Resp: 131115

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

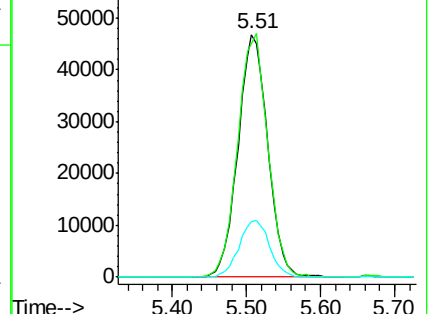
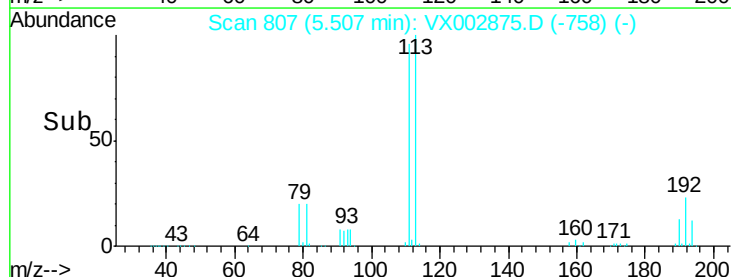
192 24.1 19.1 28.7

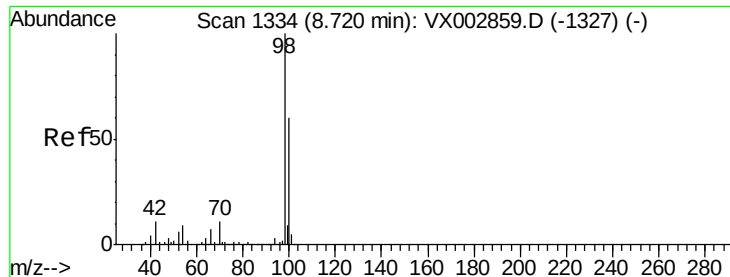


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

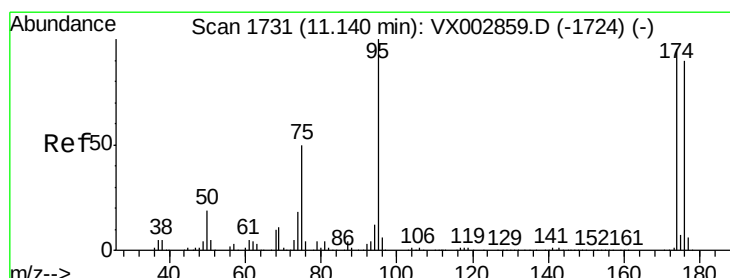
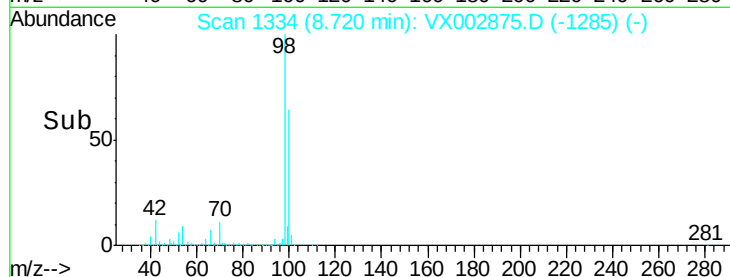
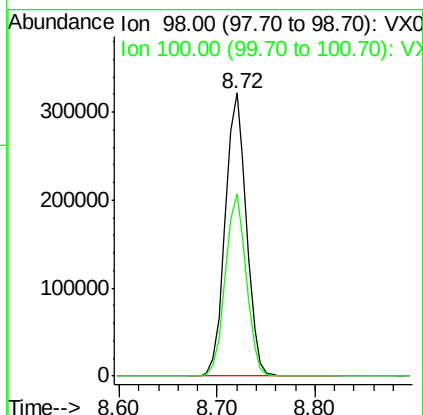
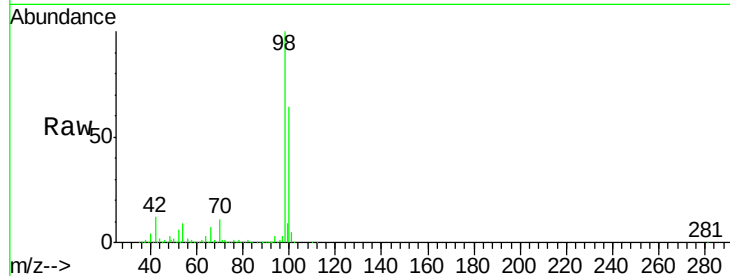




#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002875.D
Acq: 25 Jun 2018 22:35

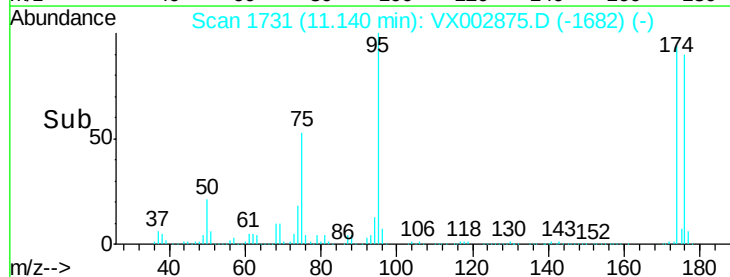
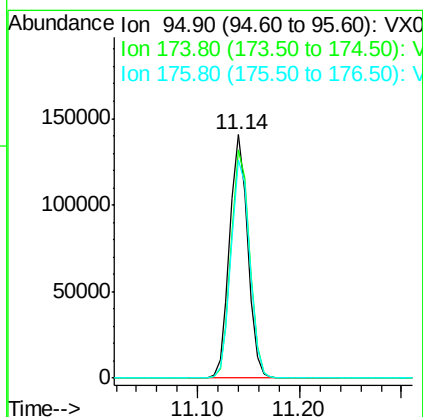
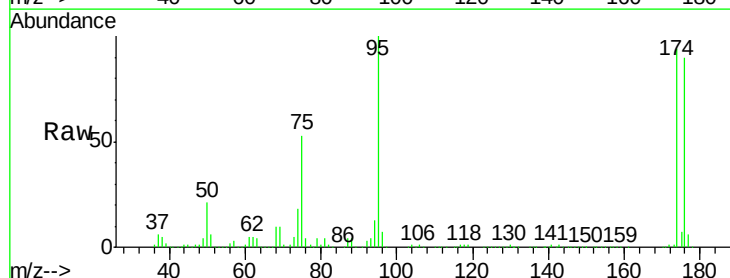
Instrument :
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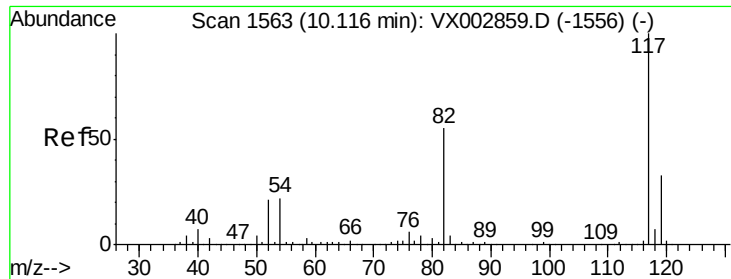
Tot Ion: 98 Resp: 483212
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.34 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002875.D
Acq: 25 Jun 2018 22:35

Tgt Ion: 95 Resp: 172227
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 92.4 0.0 181.0

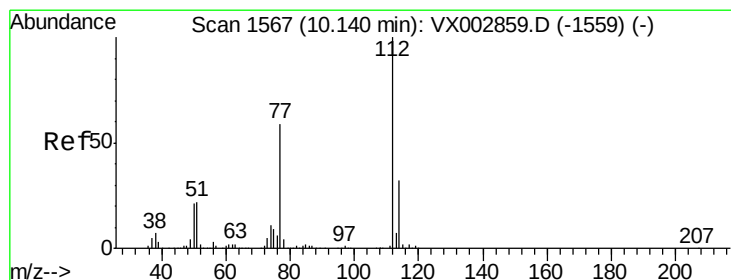
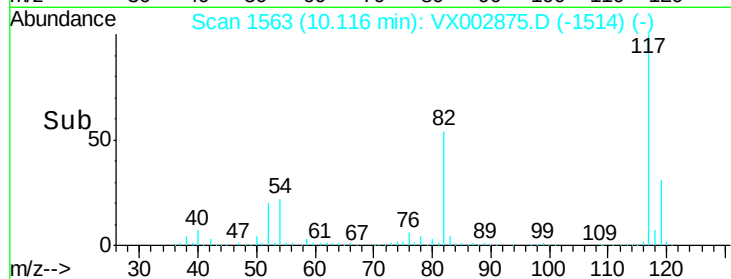
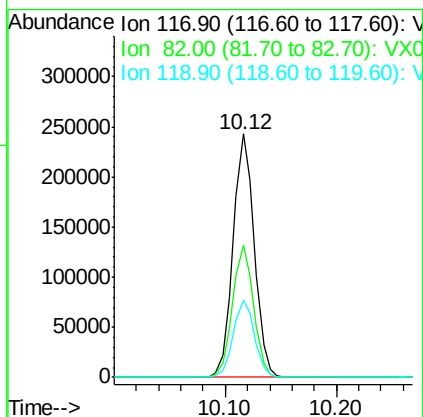
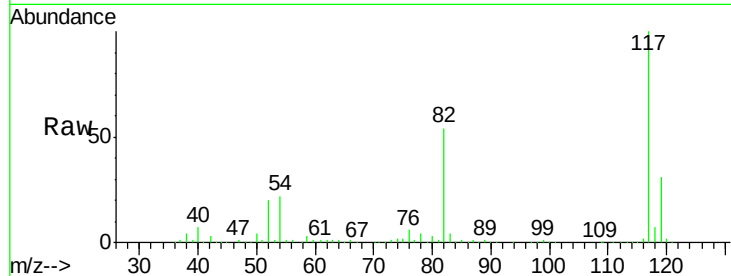




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002875.D
Acq: 25 Jun 2018 22:35

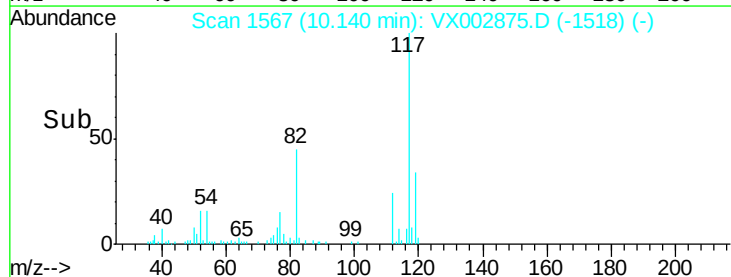
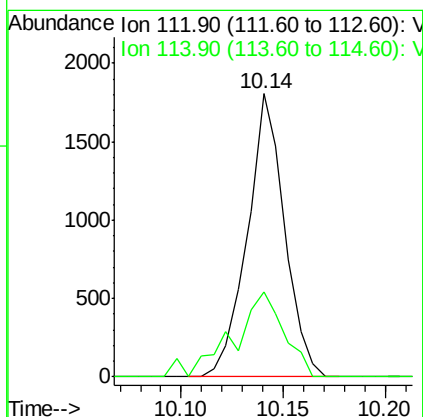
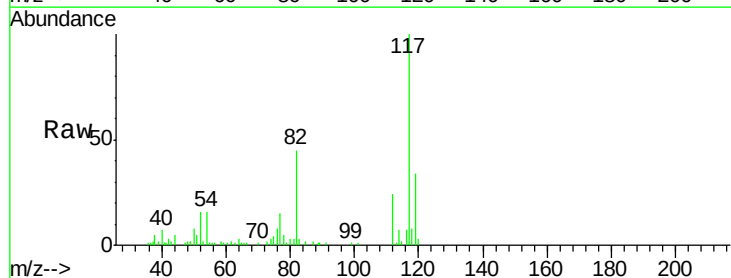
Instrument :
MSVOA_X
ClientSampled :
W-12

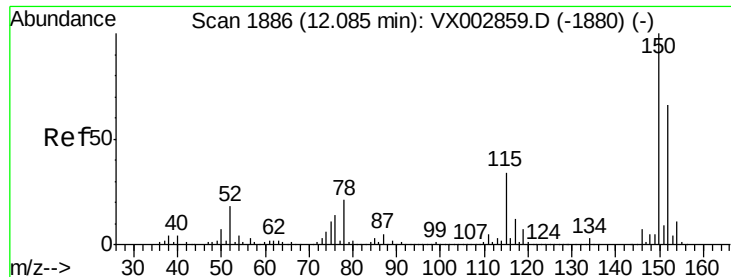
Tot Ion:117 Resp: 319309
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.5 25.8 38.6



#65
Chlorobenzene
Concen: 0.28 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002875.D
Acq: 25 Jun 2018 22:35

Tgt Ion:112 Resp: 2292
Ion Ratio Lower Upper
112 100
114 30.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002875.D

Acq: 25 Jun 2018 22:35

Instrument :

MSVOA_X

ClientSampleId :

W-12

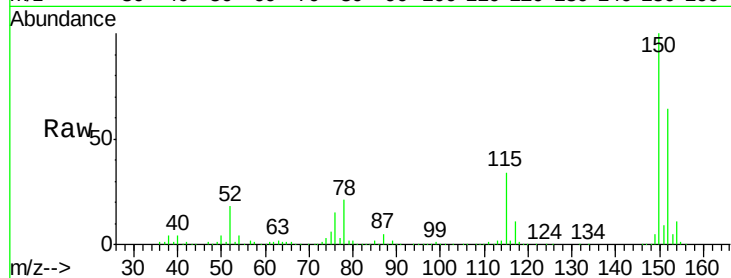
Tot Ion:152 Resp: 179386

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

150 157.1 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

