

Data File : VX002884.D
Acq On : 26 Jun 2018 02:33
Operator : JC/MD
Sample : J3705-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-38

Quant Time: Jul 05 04:09:49 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	249606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167683	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.51	113	135501	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.72	98	490729	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.14	95	175967	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
Target Compounds						
10) Methyl Iodide	2.52	142	1833	6.799	ug/l #	96
16) Acetone	2.45	43	5903	4.132	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	9804	1.108	ug/l	99
65) Chlorobenzene	10.14	112	8770	1.064	ug/l	95
83) tert-Butylbenzene	11.77	119	5397	0.509	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	6436	0.941	ug/l #	63

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

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ClientSampleId :

W-38

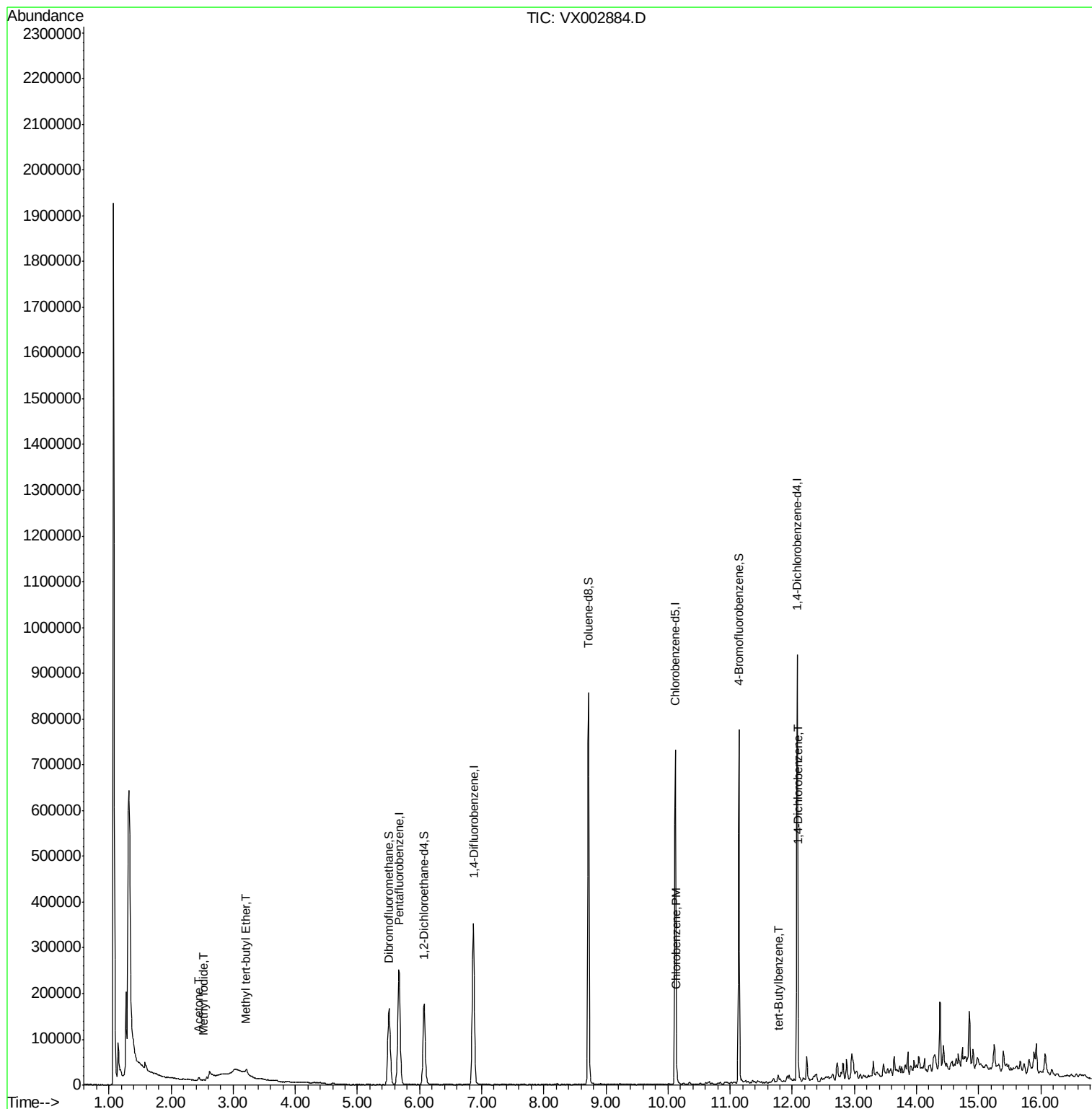
Quant Time: Jul 05 04:09:49 2018

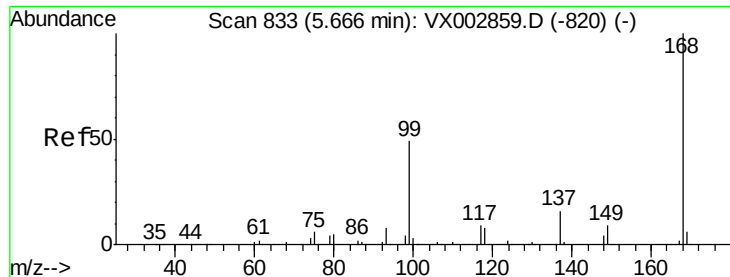
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M

Quant Title : SW846 8260

QLast Update : Mon Jun 25 14:38:05 2018

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

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MSVOA_X

ClientSampleId :

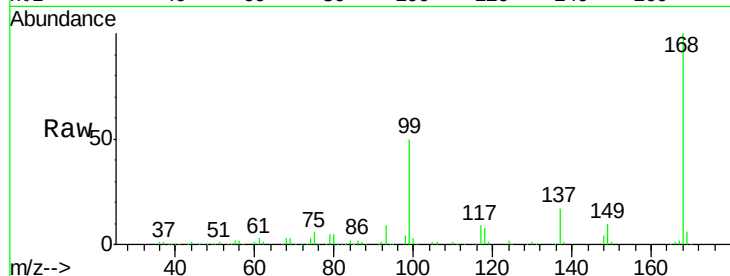
W-38

Tgt Ion:168 Resp: 249606

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

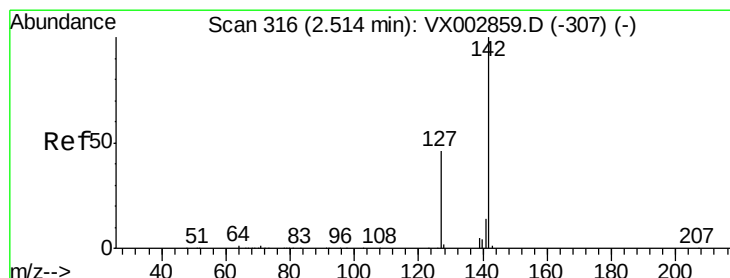
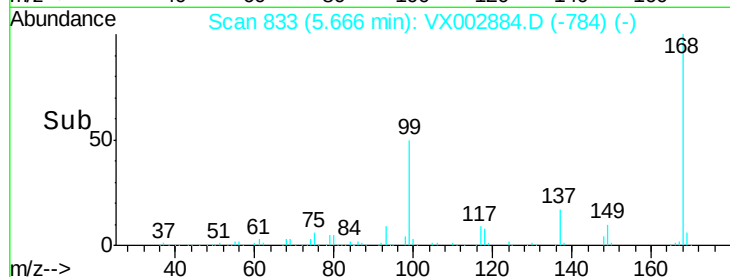
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.799 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

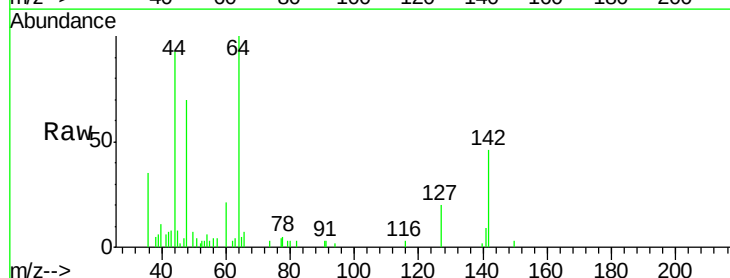
Tgt Ion:142 Resp: 1833

Ion Ratio Lower Upper

142 100

127 47.5 36.6 55.0

141 17.2 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

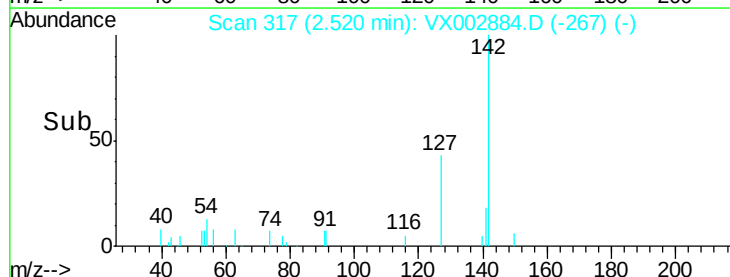
2.52

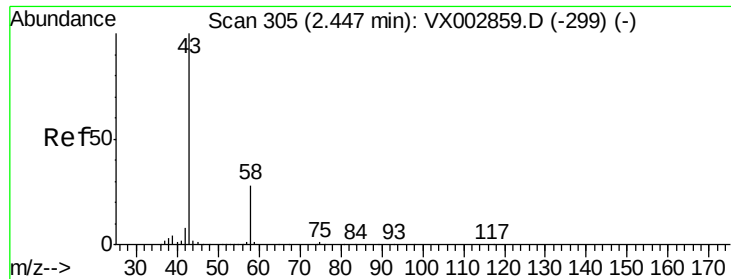
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 4.132 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

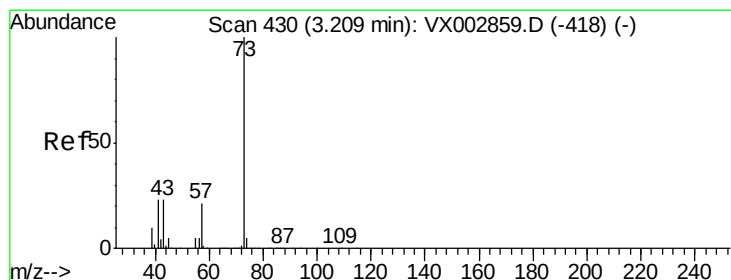
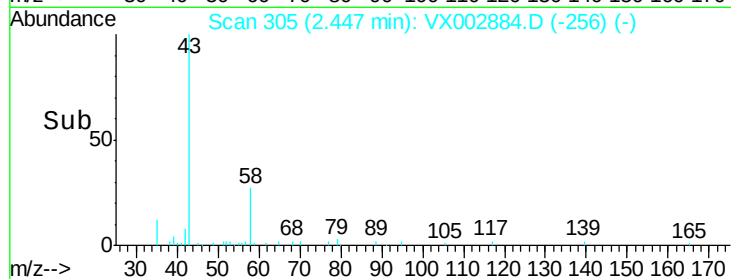
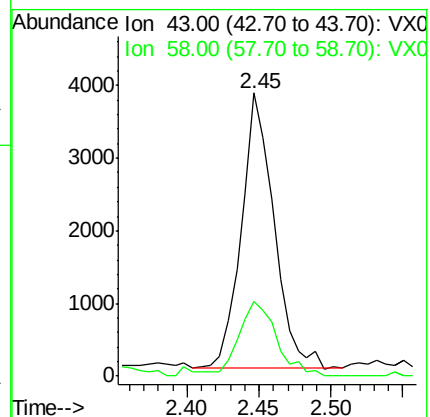
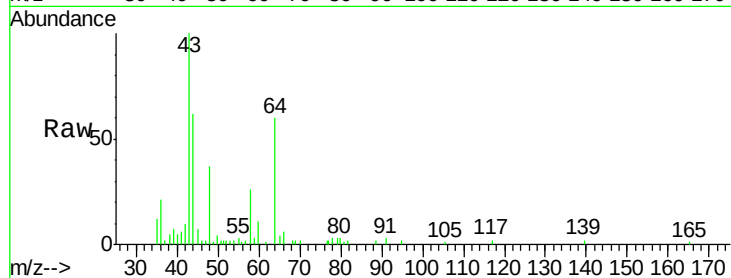
W-38

Tgt Ion: 43 Resp: 5903

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1



#19

Methyl tert-butyl Ether

Concen: 1.108 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002884.D

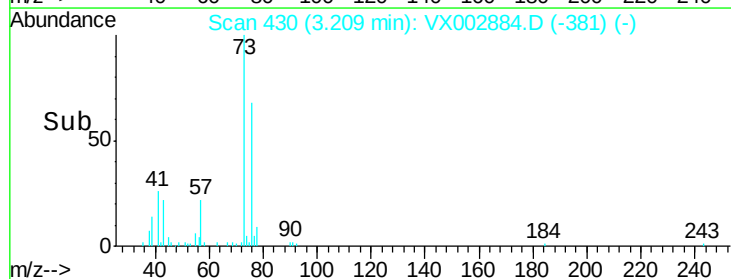
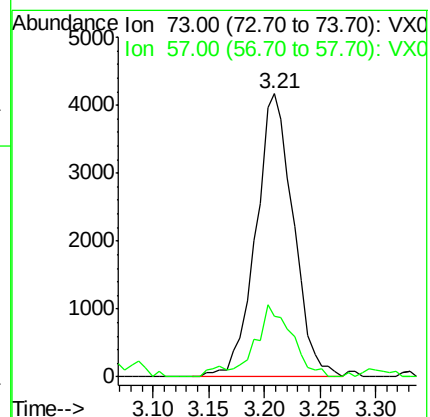
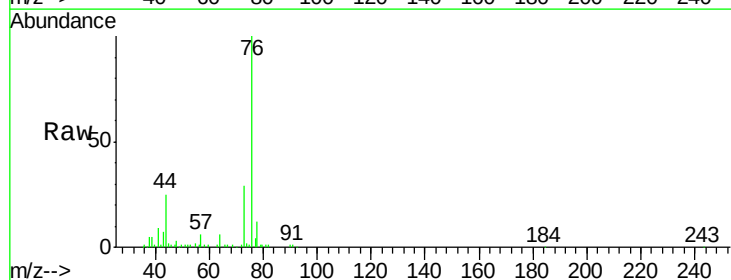
Acq: 26 Jun 2018 02:33

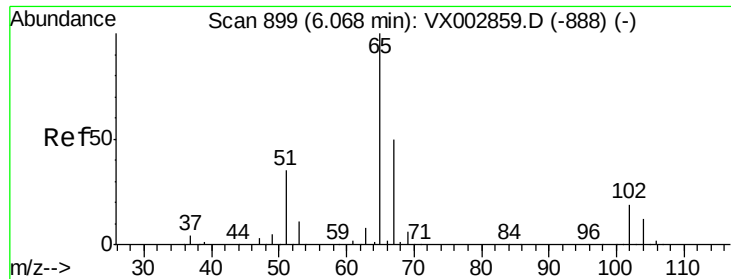
Tgt Ion: 73 Resp: 9804

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5

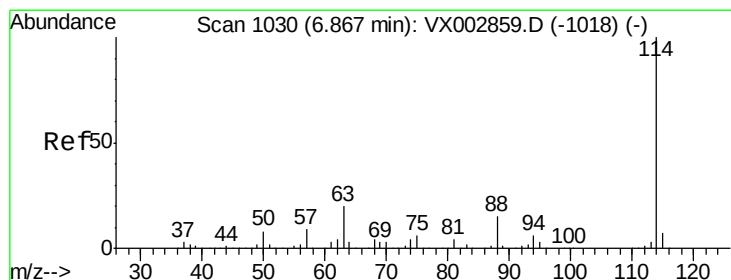
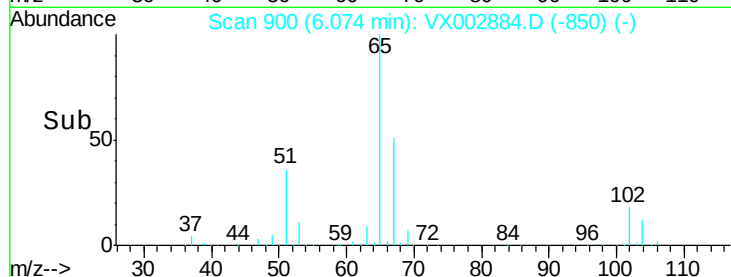
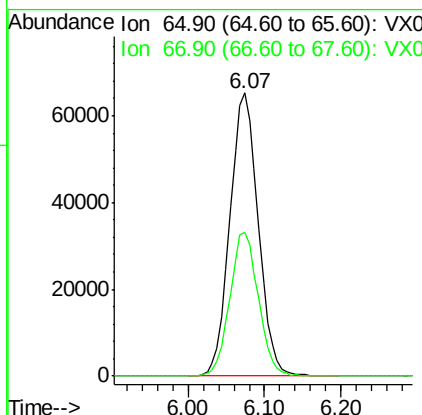
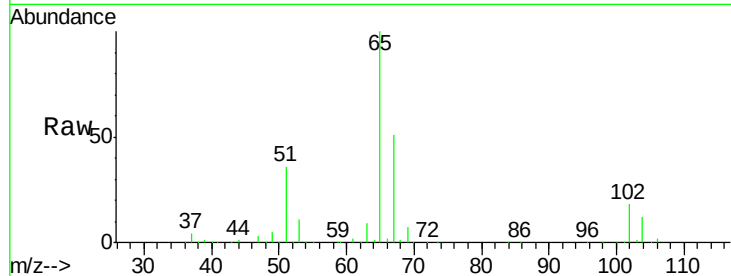




#33
 1,2-Dichloroethane-d4
 Concen: 48.603 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

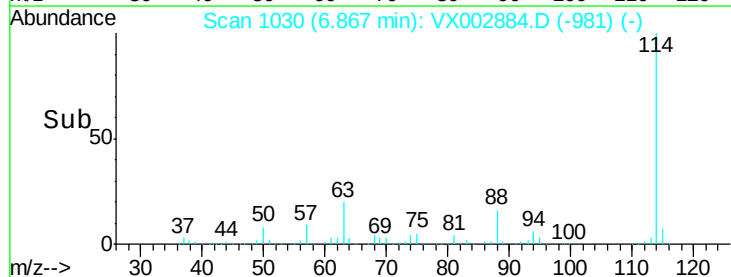
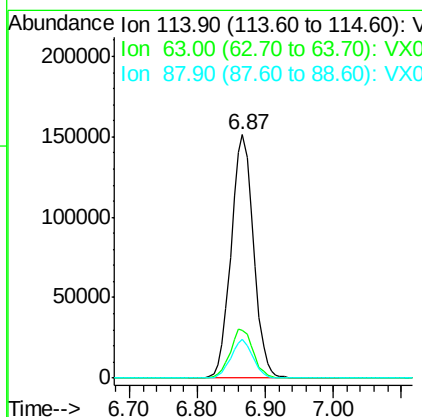
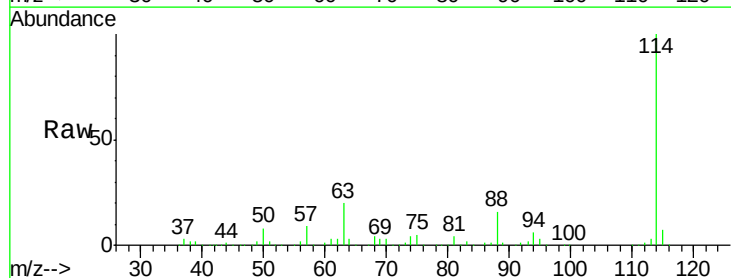
Instrument :
 MSVOA_X
 ClientSampleId :
 W-38

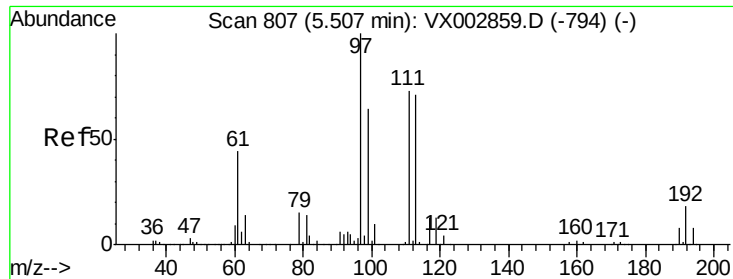
Tgt Ion: 65 Resp: 167683
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

Tgt Ion: 114 Resp: 346893
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.7 0.0 30.0

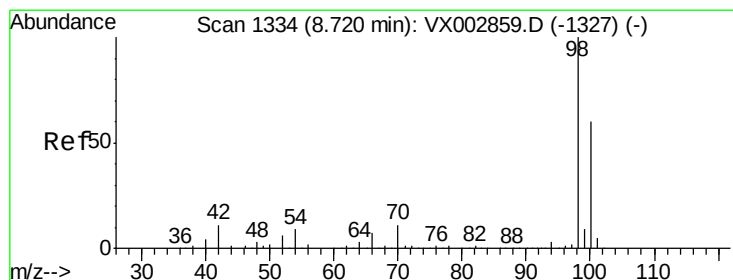
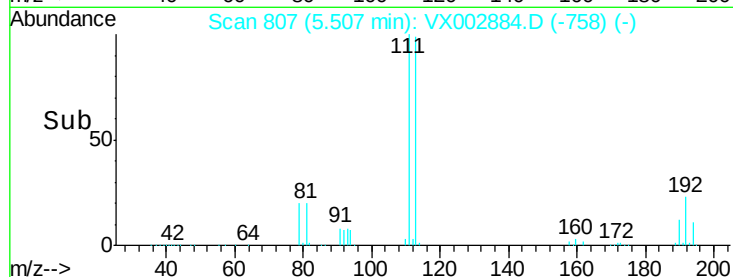
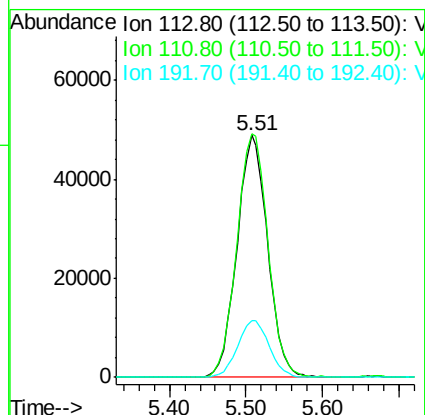
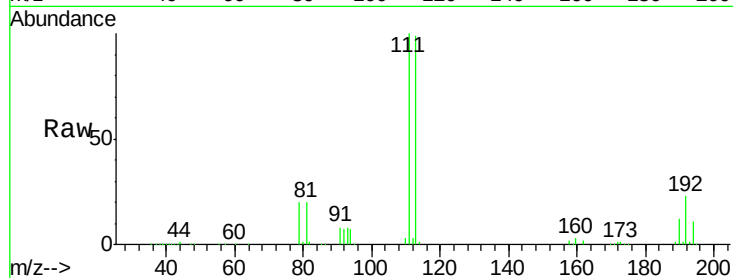




#35
 Dibromofluoromethane
 Concen: 49.326 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

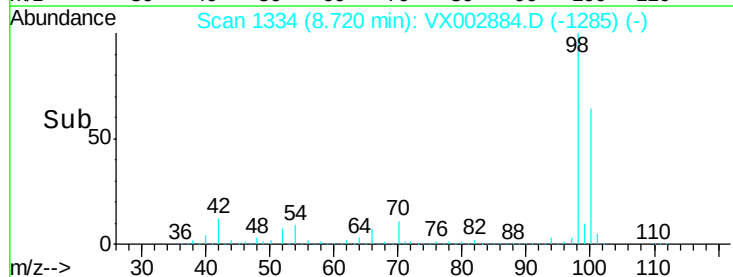
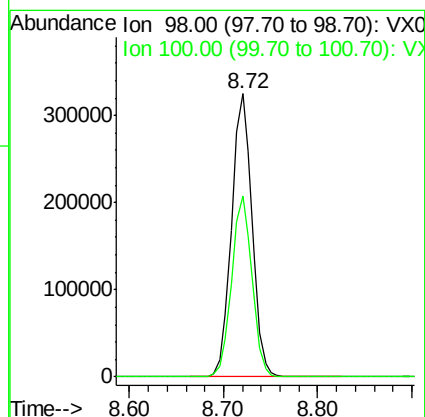
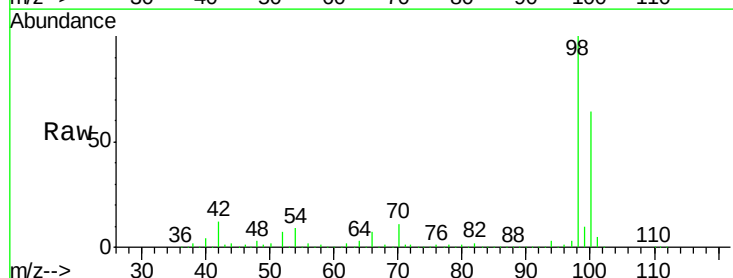
Instrument :
 MSVOA_X
 ClientSampleId :
 W-38

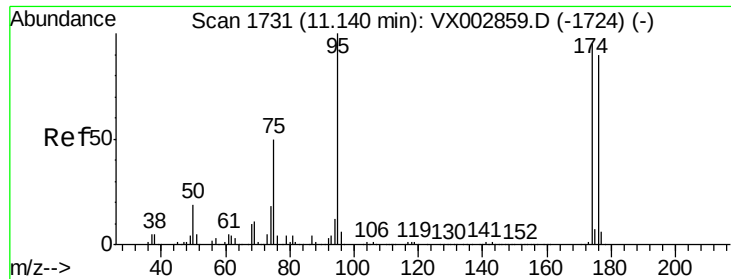
Tgt Ion:113 Resp: 135501
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 48.918 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

Tgt Ion: 98 Resp: 490729
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.484 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

W-38

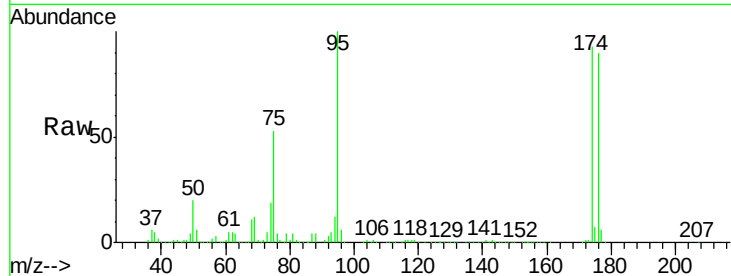
Tgt Ion: 95 Resp: 175967

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

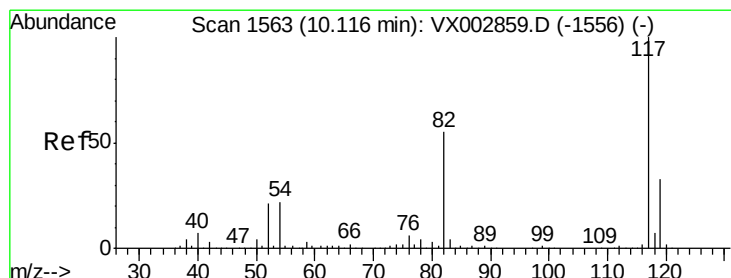
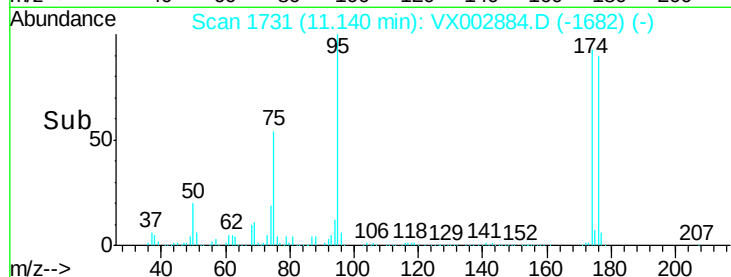
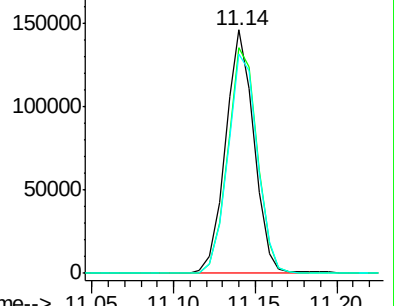
176 94.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

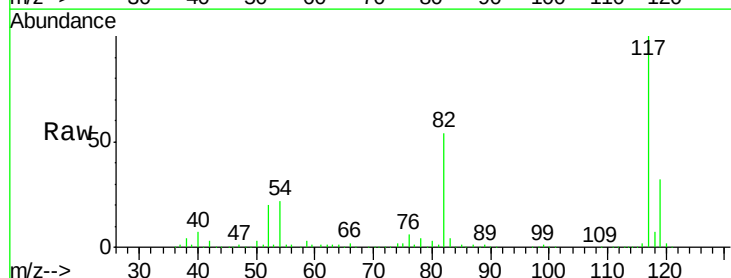
Tgt Ion: 117 Resp: 324575

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

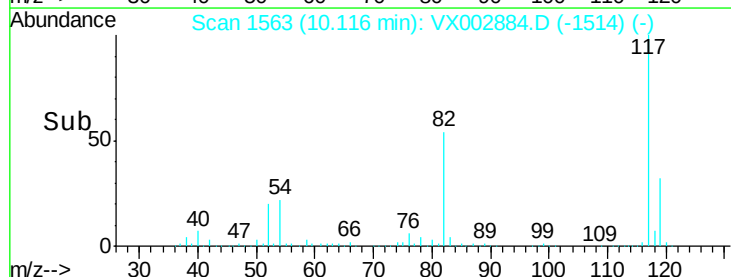
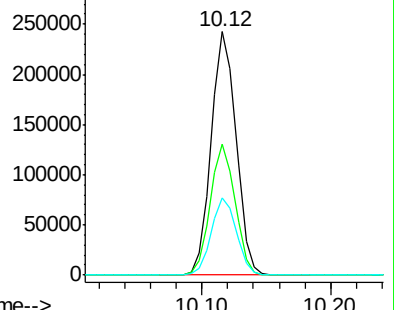
119 31.7 25.8 38.6

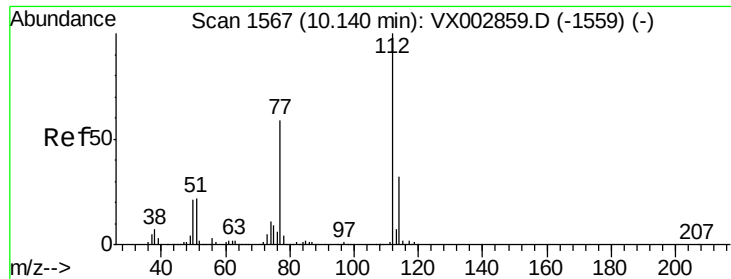


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#65

Chlorobenzene

Concen: 1.064 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

Instrument :

MSVOA_X

ClientSampled :

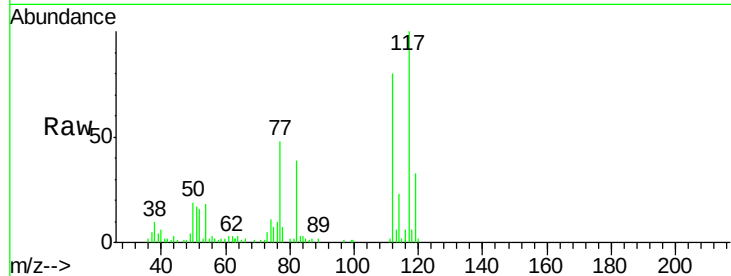
W-38

Tgt Ion:112 Resp: 8770

Ion Ratio Lower Upper

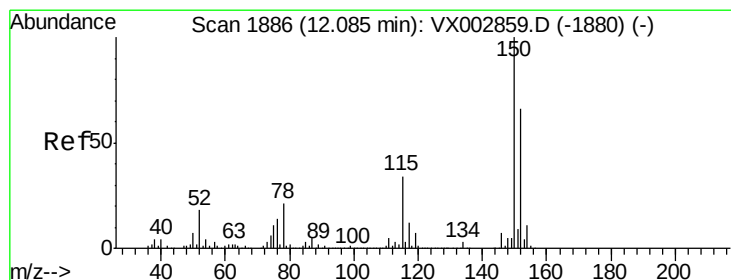
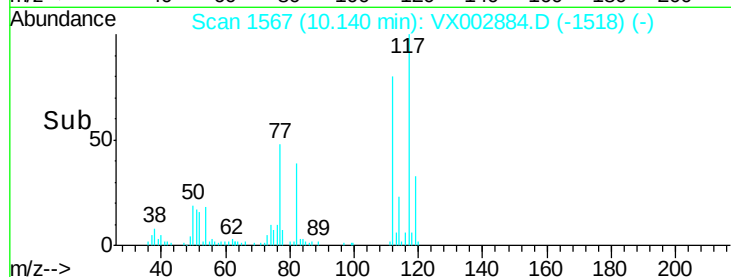
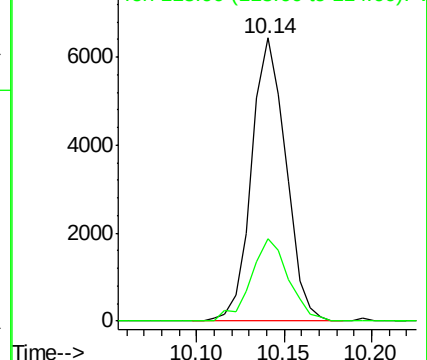
112 100

114 29.1 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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002884.D

Acq: 26 Jun 2018 02:33

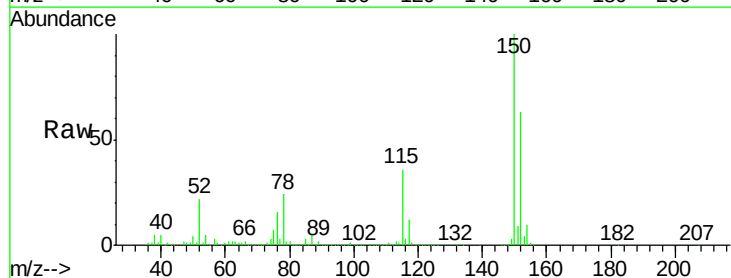
Tgt Ion:152 Resp: 189981

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

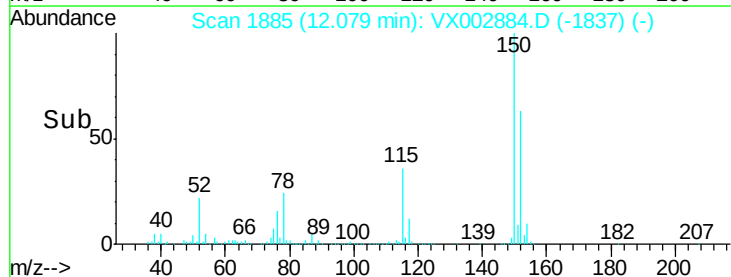
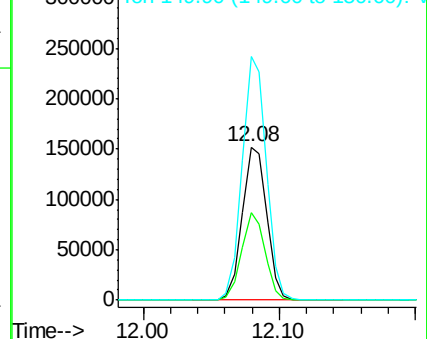
150 157.2 0.0 347.2

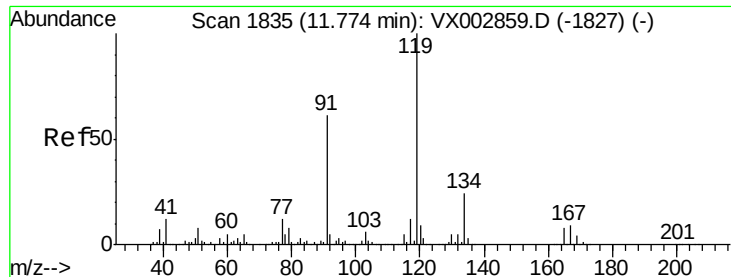


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

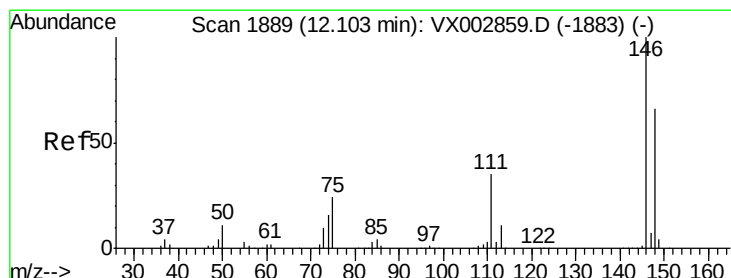
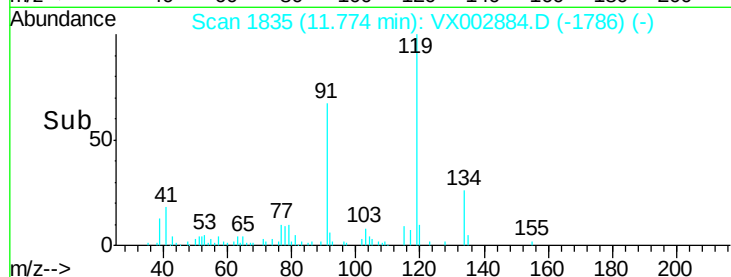
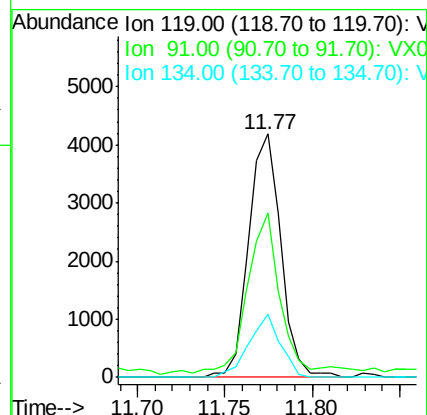
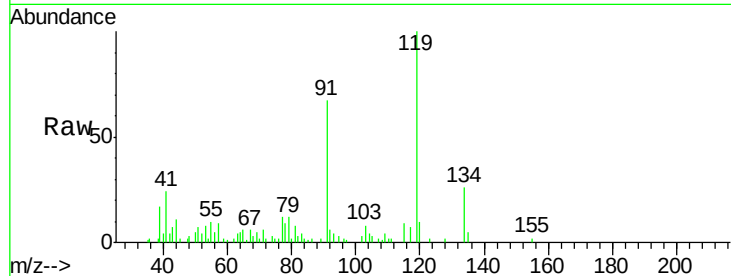




#83
 tert-Butylbenzene
 Concen: 0.509 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

Instrument :
 MSVOA_X
 ClientSampled :
 W-38

Tgt Ion:119 Resp: 5397
 Ion Ratio Lower Upper
 119 100
 91 66.6 30.3 90.9
 134 25.2 11.7 35.1



#88
 1,4-Dichlorobenzene
 Concen: 0.941 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX002884.D
 Acq: 26 Jun 2018 02:33

Tgt Ion:146 Resp: 6436
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.7 56.1#
 148 82.8 32.4 97.0

