

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002888.D
 Acq On : 26 Jun 2018 04:19
 Operator : JC/MD
 Sample : J3693-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-25

Quant Time: Jun 27 07:47:56 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

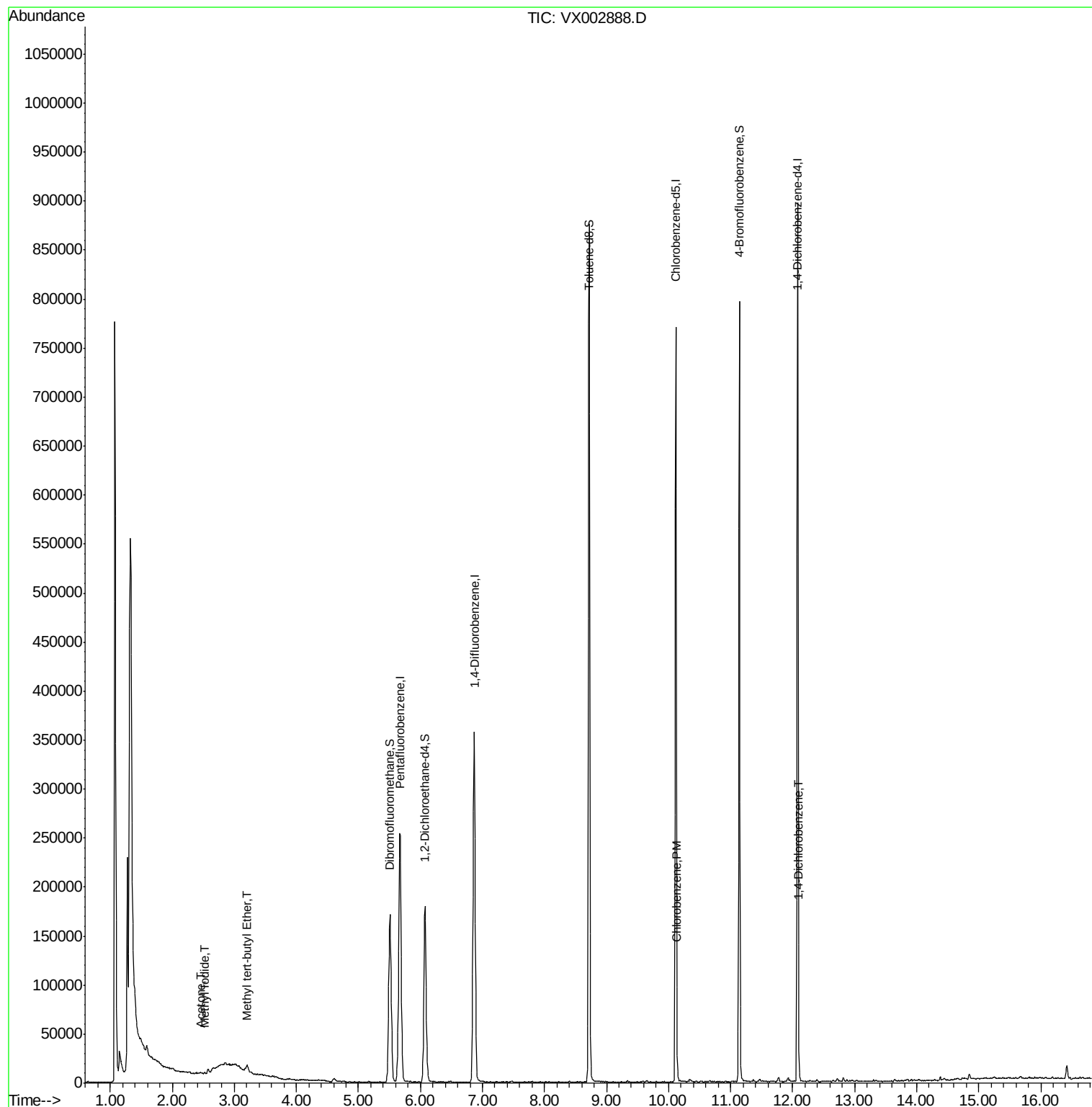
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172425	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	5.51	113	136857	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.72	98	504269	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	179949	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
10) Methyl Iodide	2.52	142	1540	6.70	ug/l #	84
16) Acetone	2.45	43	1653	1.13	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	6197	0.69	ug/l	92
65) Chlorobenzene	10.14	112	2000	0.24	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1736	0.25	ug/l #	38

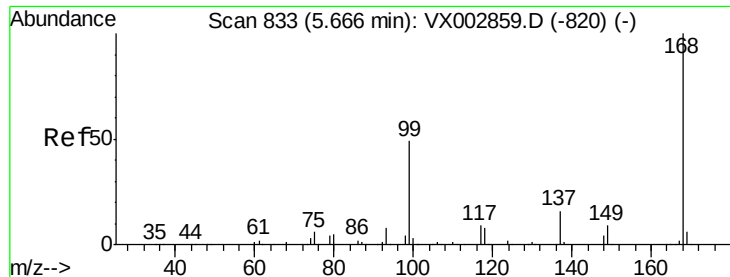
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002888.D

Acq: 26 Jun 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

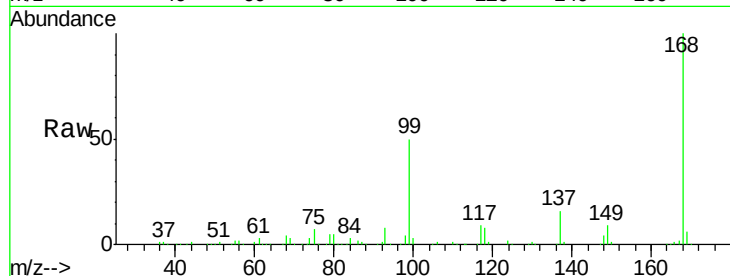
W-25

Tot Ion:168 Resp: 254937

Ion Ratio Lower Upper

168 100

99 50.0 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

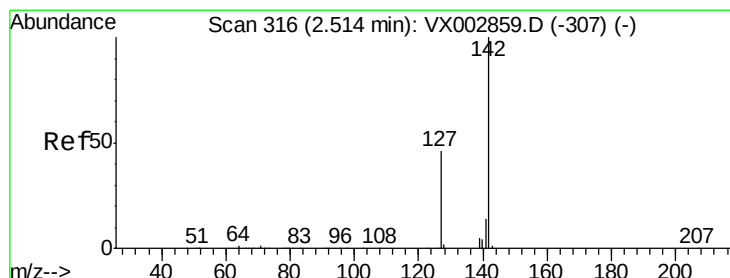
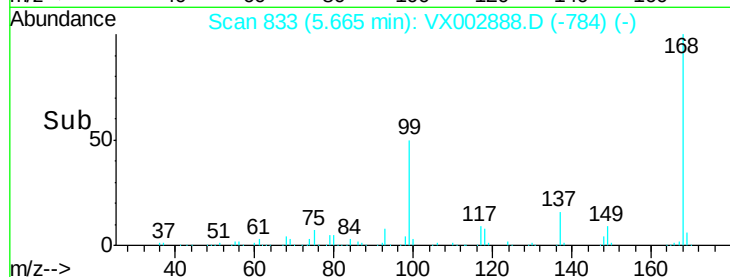
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.70 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002888.D

Acq: 26 Jun 2018 04:19

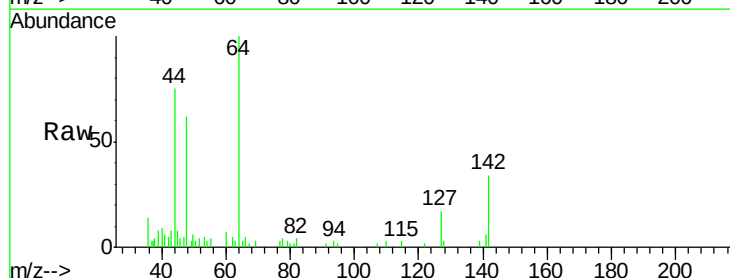
Tgt Ion:142 Resp: 1540

Ion Ratio Lower Upper

142 100

127 56.9 36.6 55.0#

141 20.0 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

800

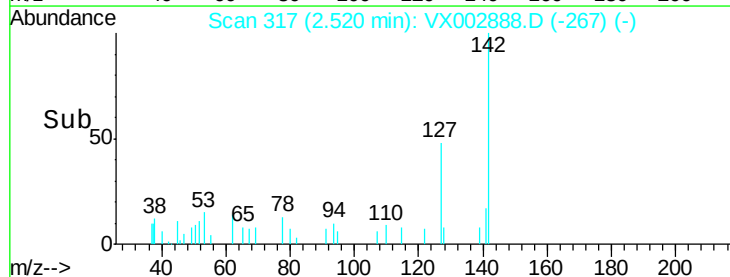
600

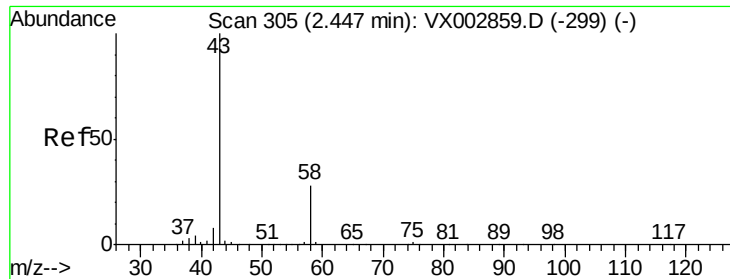
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 1.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002888.D

Acq: 26 Jun 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

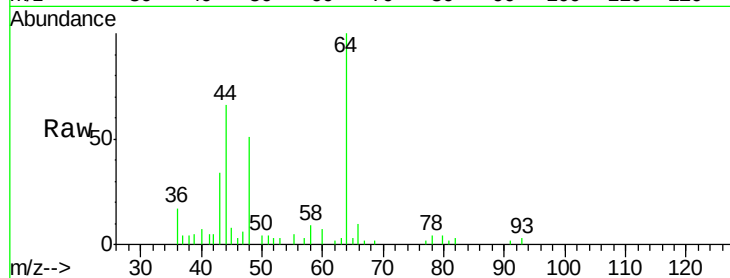
W-25

Tot Ion: 43 Resp: 1653

Ion Ratio Lower Upper

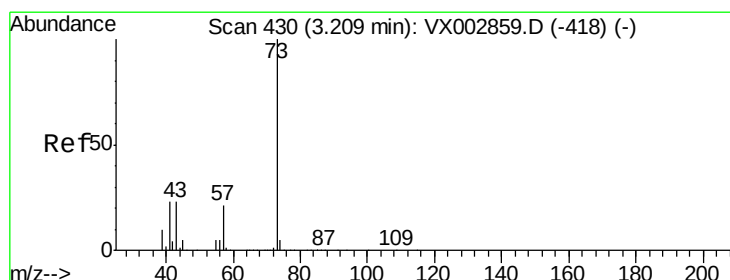
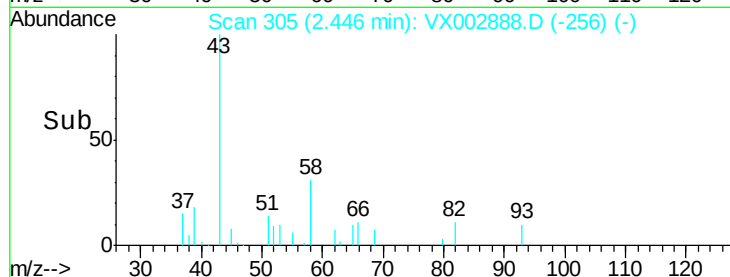
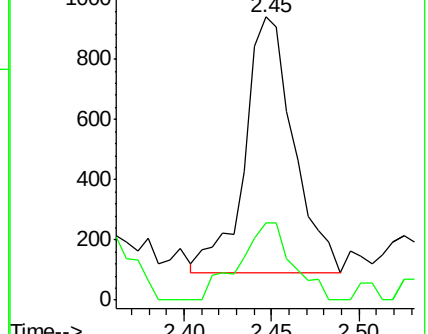
43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.69 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002888.D

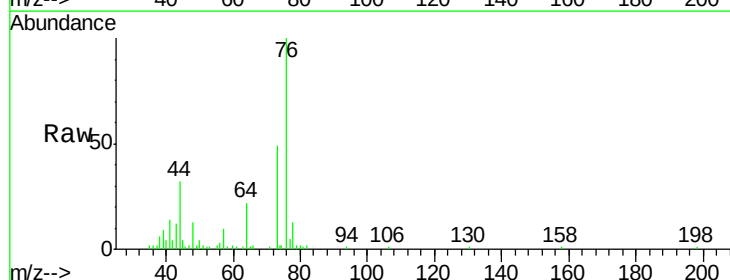
Acq: 26 Jun 2018 04:19

Tgt Ion: 73 Resp: 6197

Ion Ratio Lower Upper

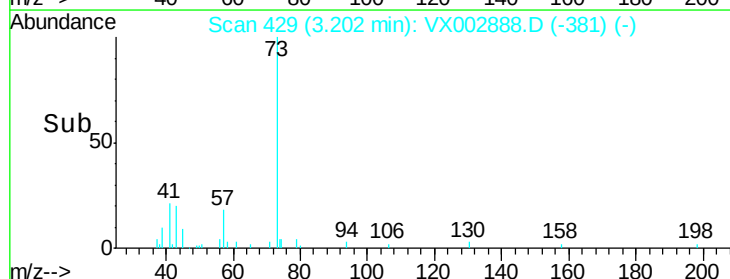
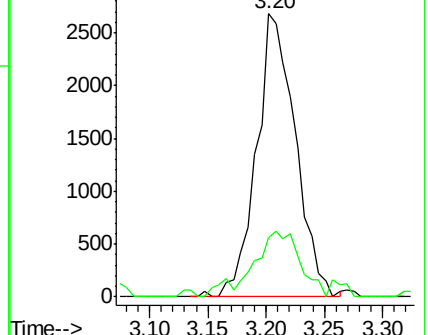
73 100

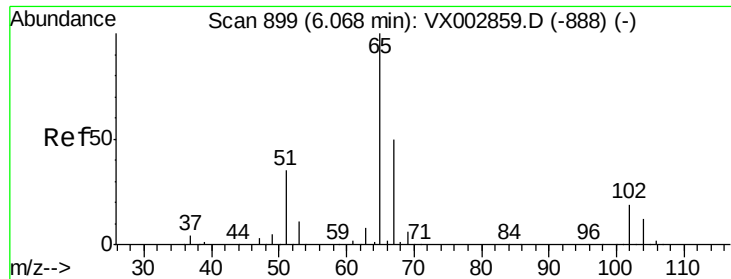
57 18.5 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

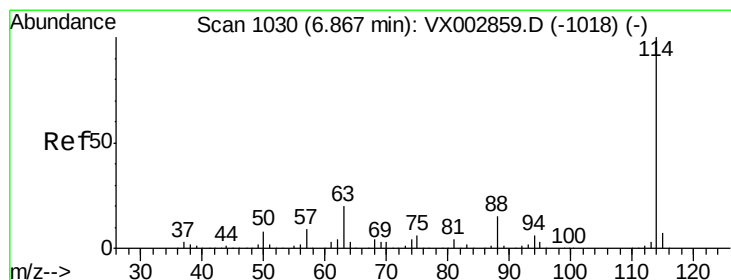
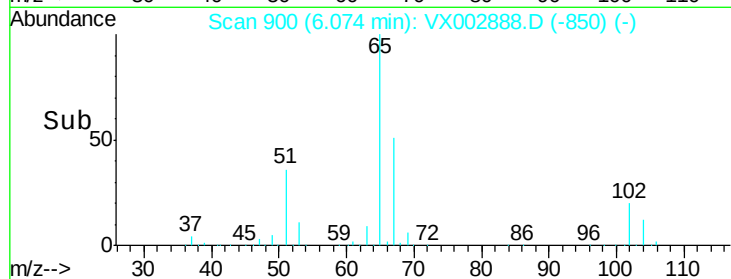
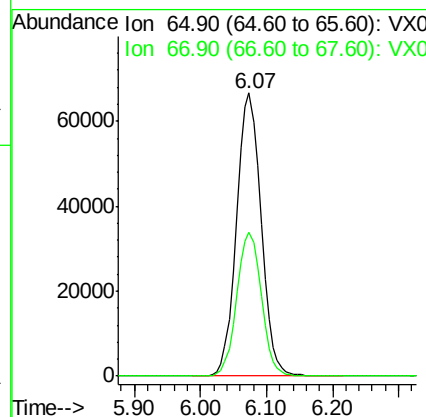
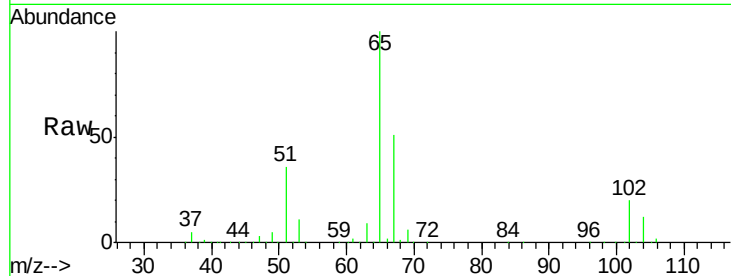




#33
 1,2-Dichloroethane-d4
 Concen: 48.93 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002888.D
 Acq: 26 Jun 2018 04:19

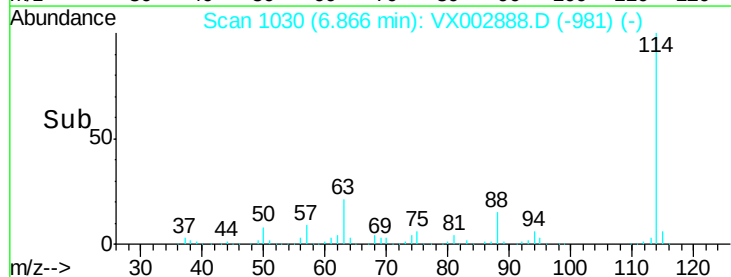
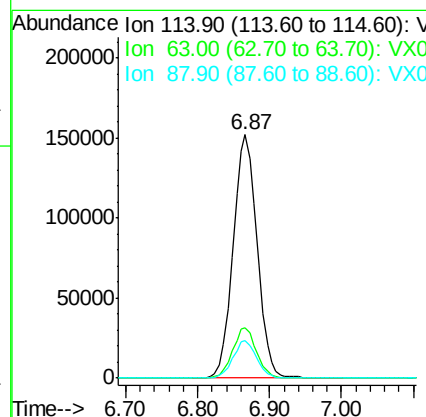
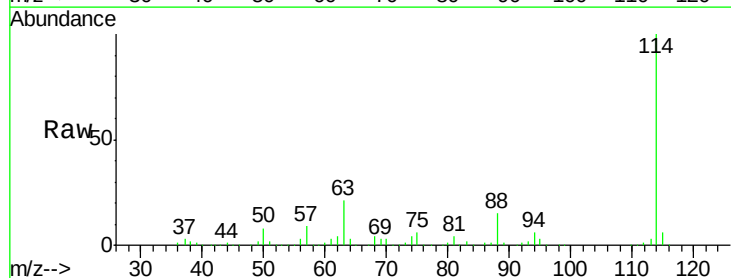
Instrument :
 MSVOA_X
 ClientSampled :
 W-25

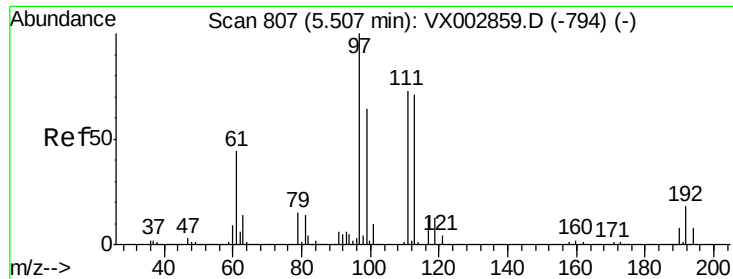
Tot Ion: 65 Resp: 172425
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002888.D
 Acq: 26 Jun 2018 04:19

Tgt Ion: 114 Resp: 352475
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.3 0.0 30.0

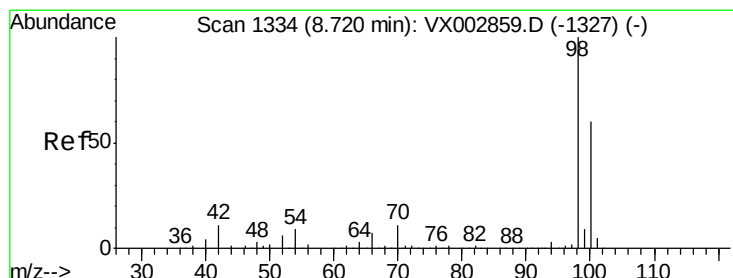
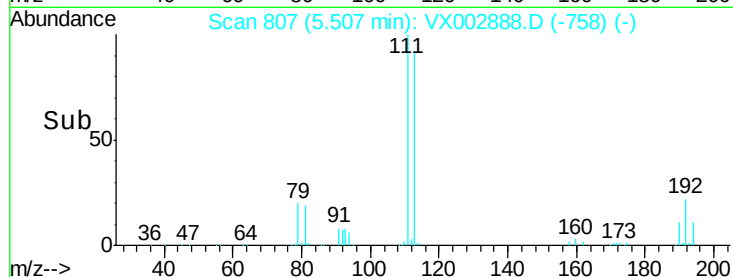
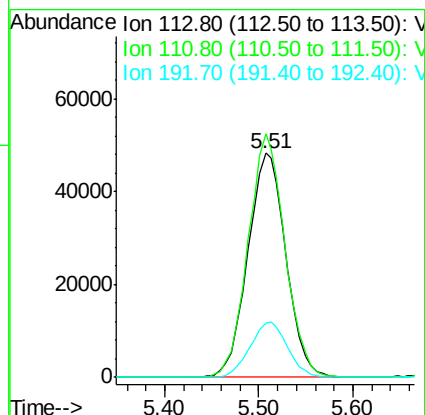
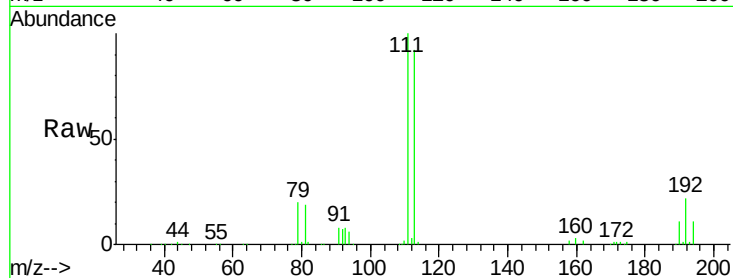




#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002888.D
Acq: 26 Jun 2018 04:19

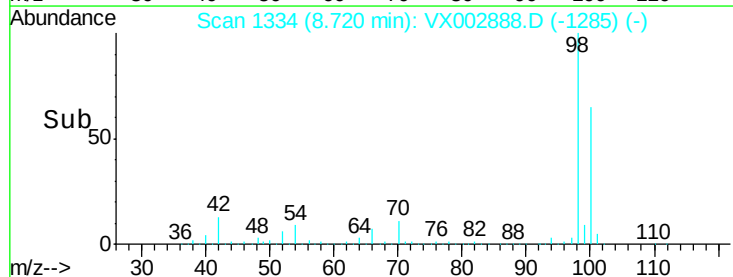
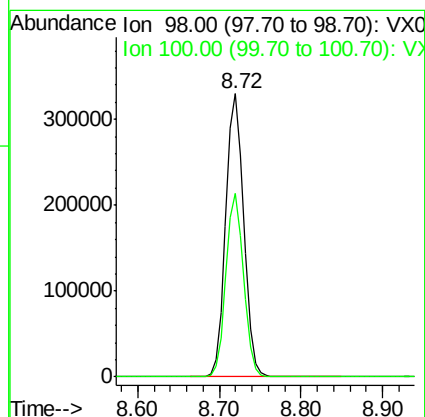
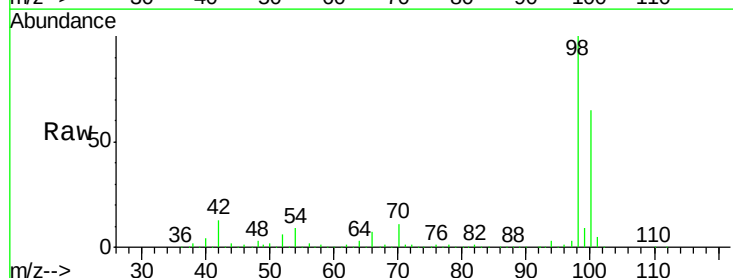
Instrument :
MSVOA_X
ClientSampleId :
W-25

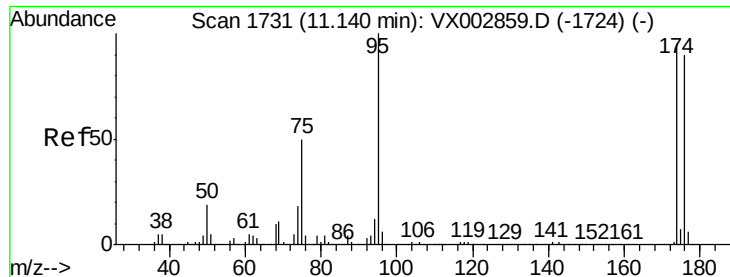
Tot Ion:113 Resp: 136857
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 24.5 19.1 28.7



#50
Toluene-d8
Concen: 49.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002888.D
Acq: 26 Jun 2018 04:19

Tgt Ion: 98 Resp: 504269
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

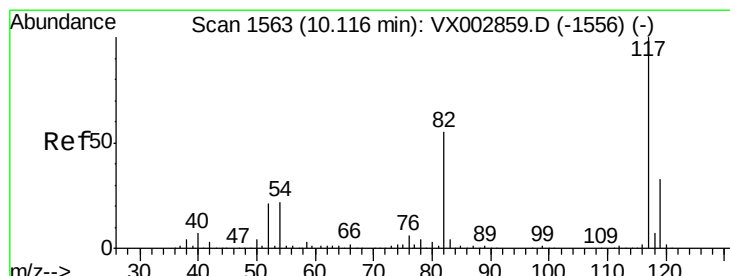
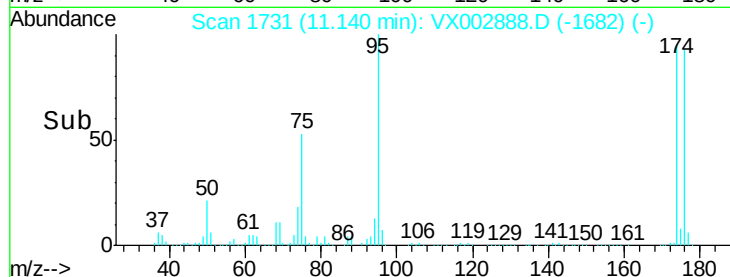
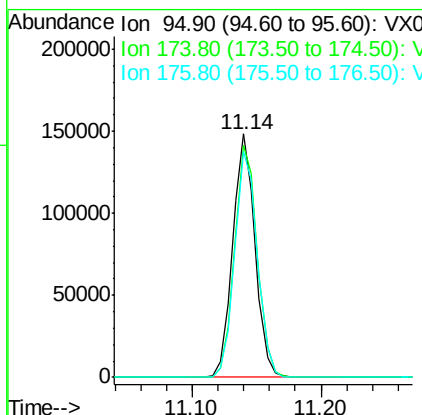
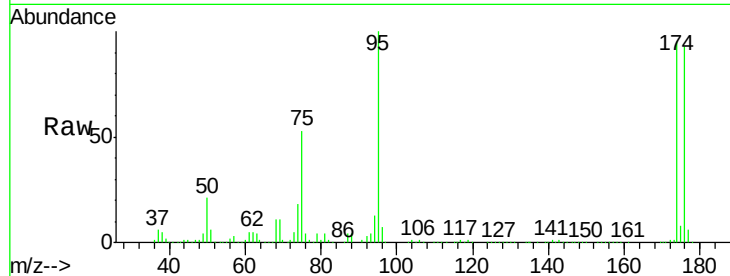




#62
4-Bromofluorobenzene
Concen: 45.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002888.D
Acq: 26 Jun 2018 04:19

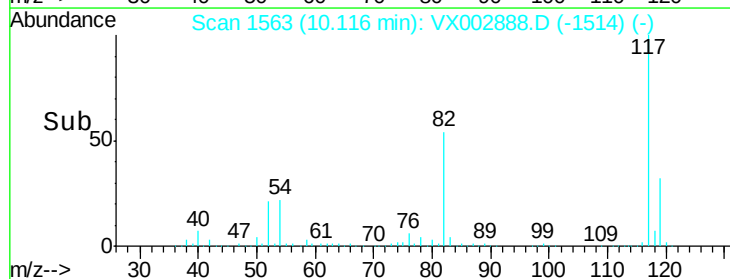
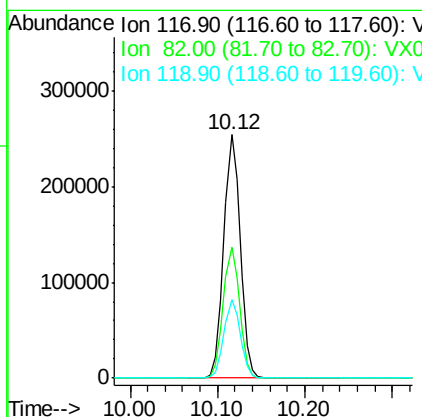
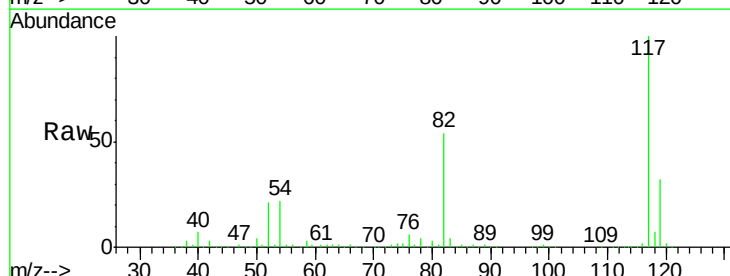
Instrument :
MSVOA_X
ClientSampleId :
W-25

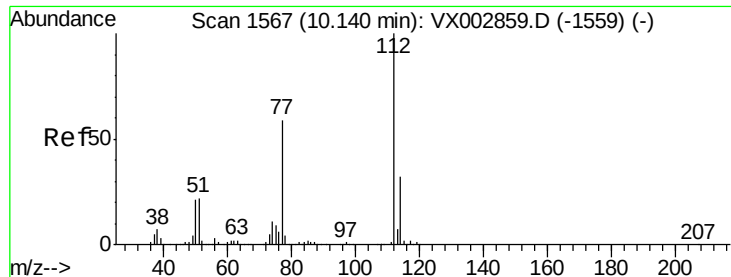
Tot Ion: 95 Resp: 179949
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 94.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002888.D
Acq: 26 Jun 2018 04:19

Tgt Ion: 117 Resp: 331469
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.3 25.8 38.6





#65

Chlorobenzene

Concen: 0.24 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002888.D

Acq: 26 Jun 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

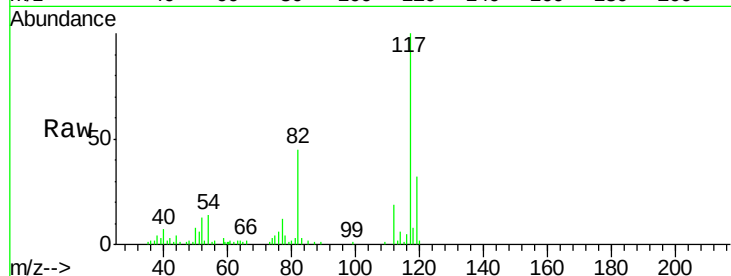
W-25

Tot Ion:112 Resp: 2000

Ion Ratio Lower Upper

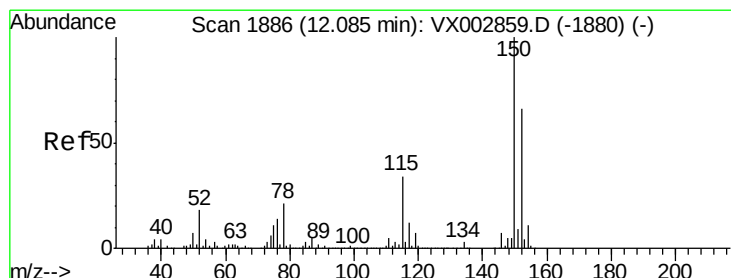
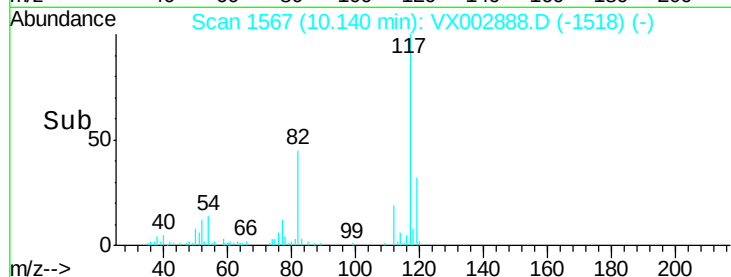
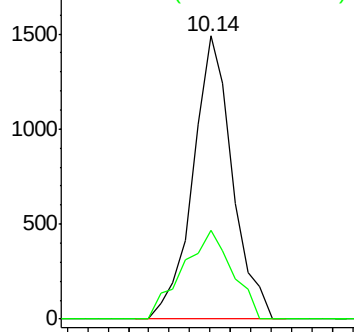
112 100

114 31.6 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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002888.D

Acq: 26 Jun 2018 04:19

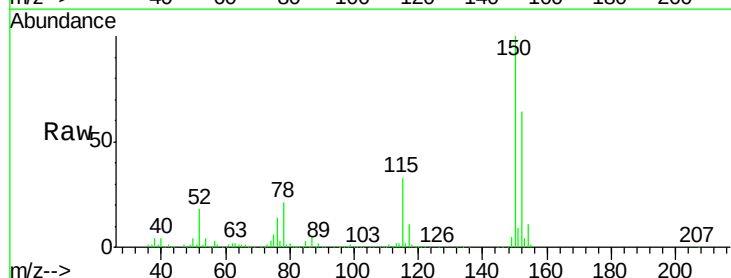
Tgt Ion:152 Resp: 190167

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

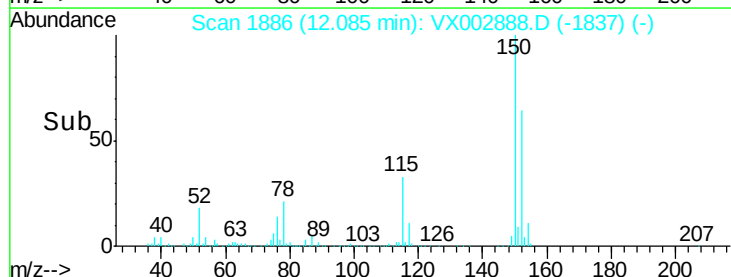
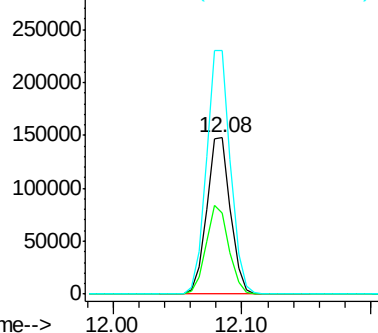
150 156.5 0.0 347.2

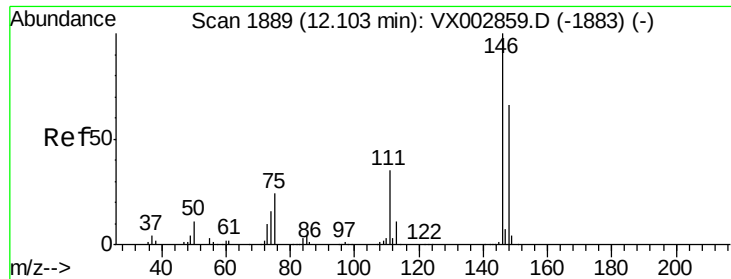


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#88
 1,4-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002888.D
 Acq: 26 Jun 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 W-25

Tot Ion:146 Resp: 1736
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.7 56.1#
 148 113.8 32.4 97.0#

