

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003011.D
 Acq On : 29 Jun 2018 04:03
 Operator : JC/MD
 Sample : J3694-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIC-PV-TRIPBLANK-1-6-19-18

Quant Time: Jun 29 08:09:48 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

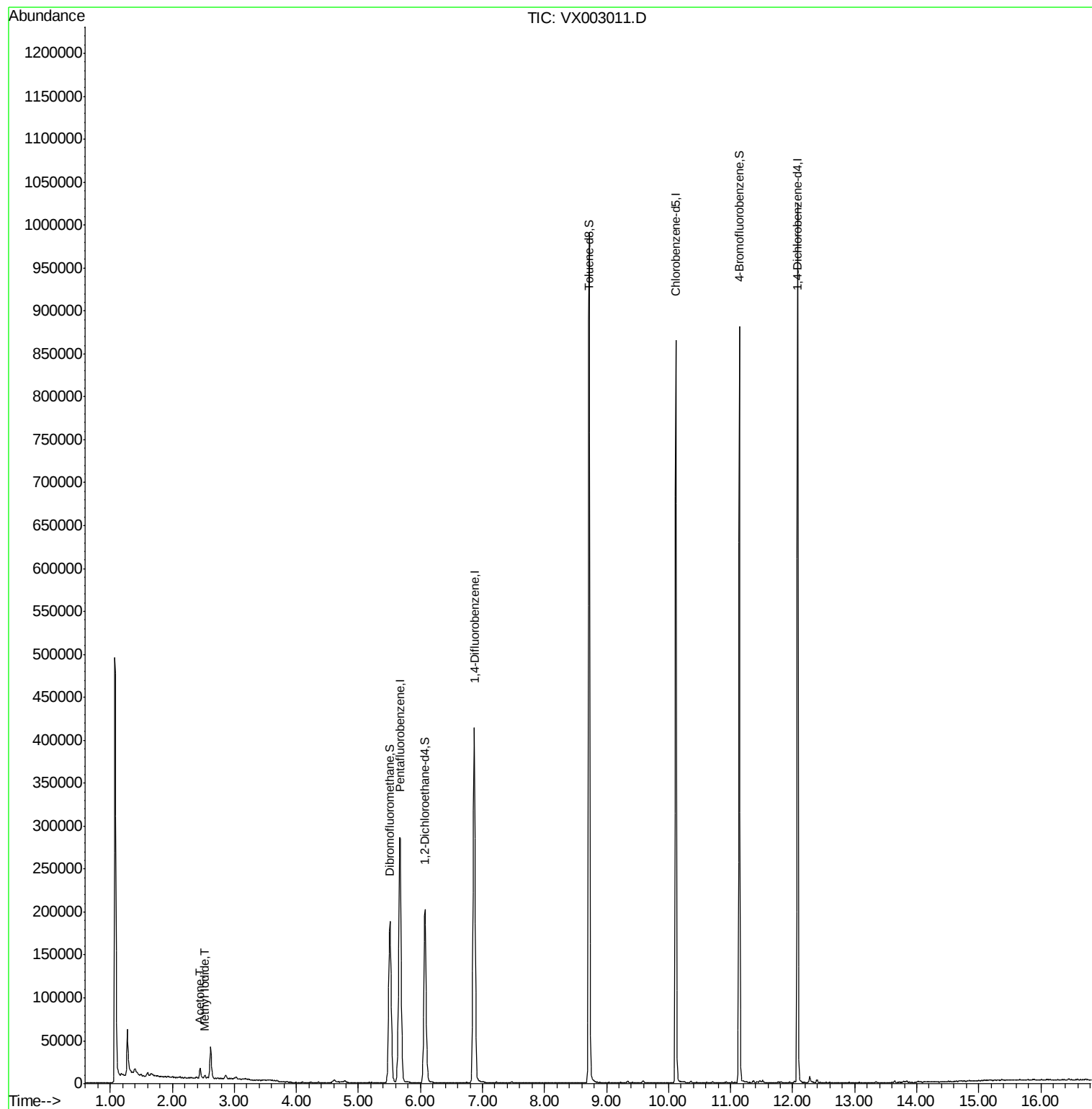
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194042	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.51	113	156768	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.72	98	576470	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.14	95	202405	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
10) Methyl Iodide	2.52	142	3179	7.08	ug/l	96
16) Acetone	2.45	43	12860	7.69	ug/l	95

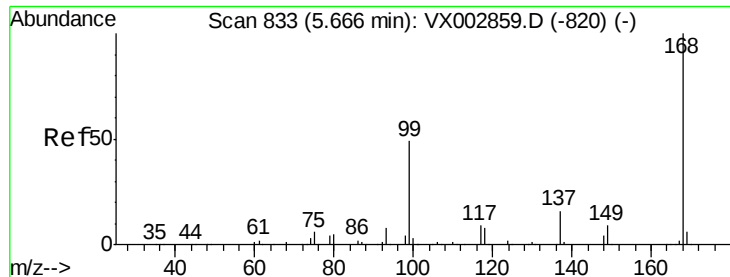
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

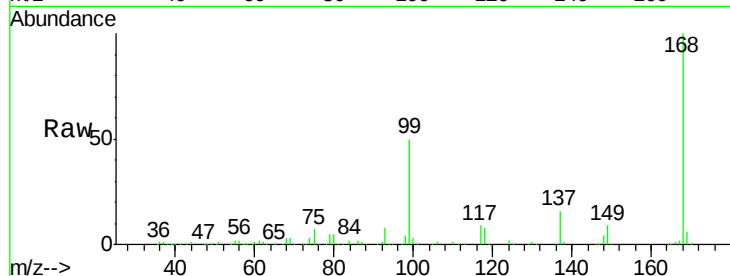
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion:168 Resp: 292339

Ion Ratio Lower Upper

168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

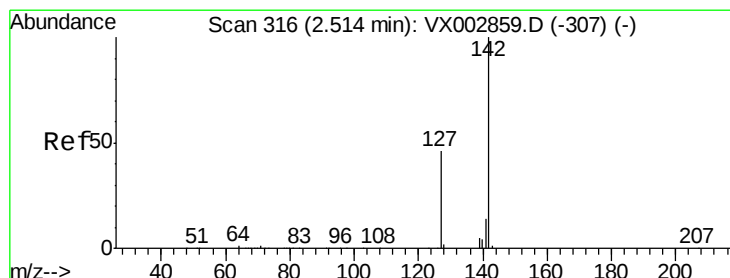
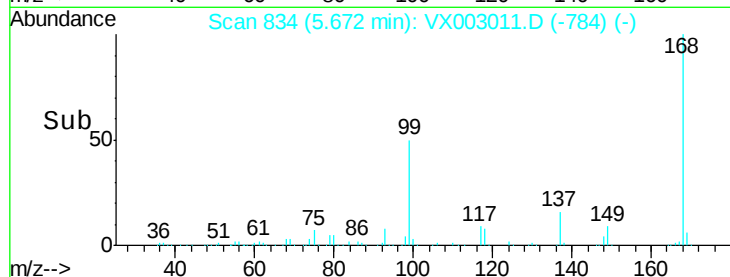
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 7.08 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

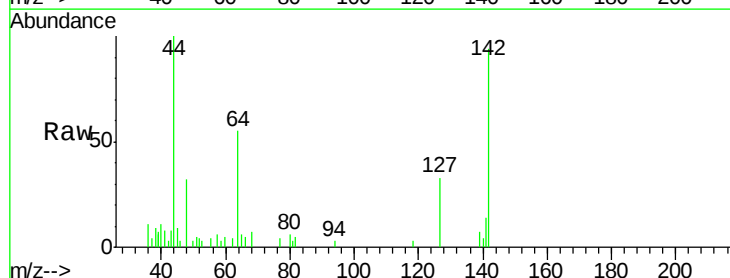
Tgt Ion:142 Resp: 3179

Ion Ratio Lower Upper

142 100

127 42.8 36.6 55.0

141 15.1 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

2000

1500

1000

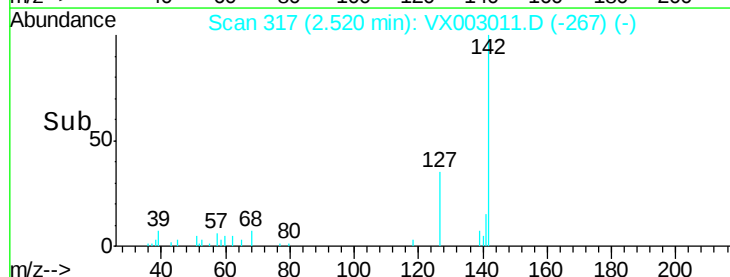
500

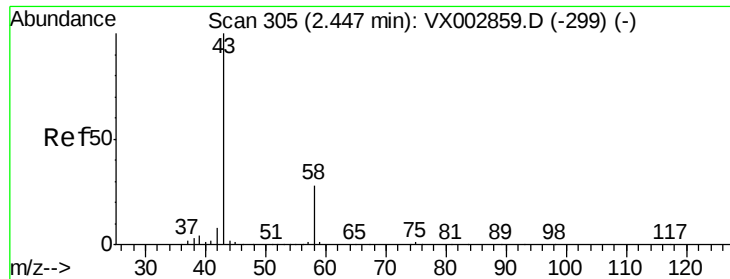
0

2.52

2.45 2.50 2.55 2.60

Time-->





#16

Acetone

Concen: 7.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

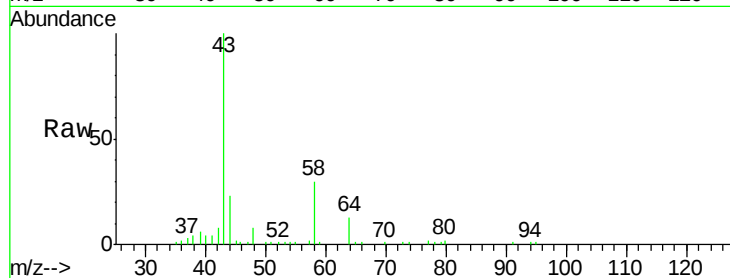
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion: 43 Resp: 12860

Ion Ratio Lower Upper

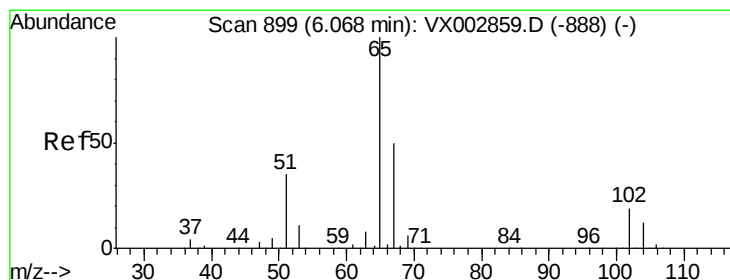
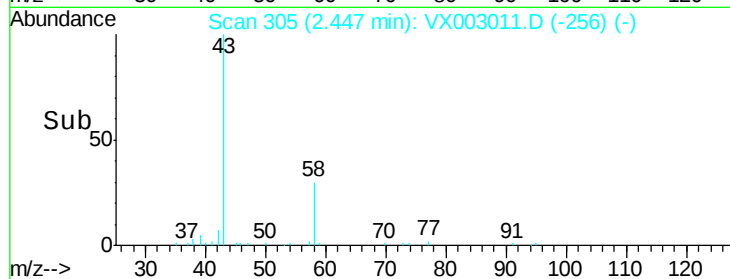
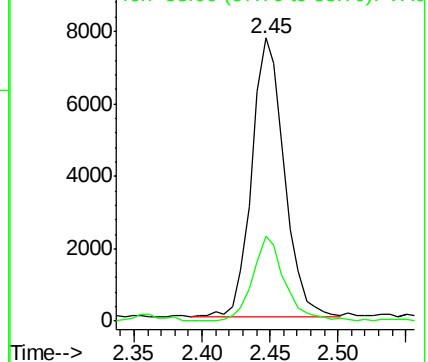
43 100

58 30.3 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: 48.02 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003011.D

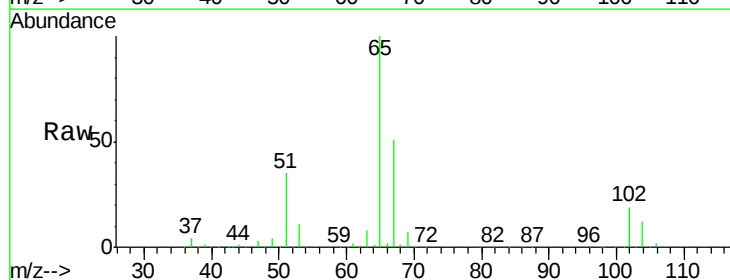
Acq: 29 Jun 2018 04:03

Tgt Ion: 65 Resp: 194042

Ion Ratio Lower Upper

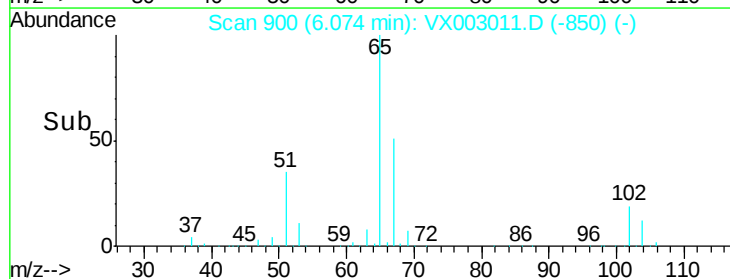
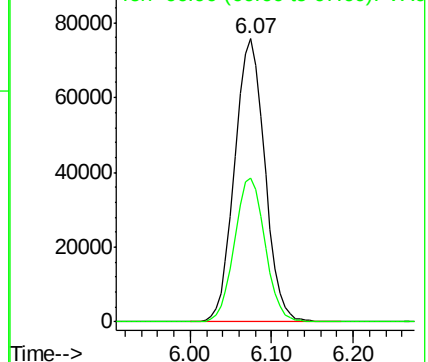
65 100

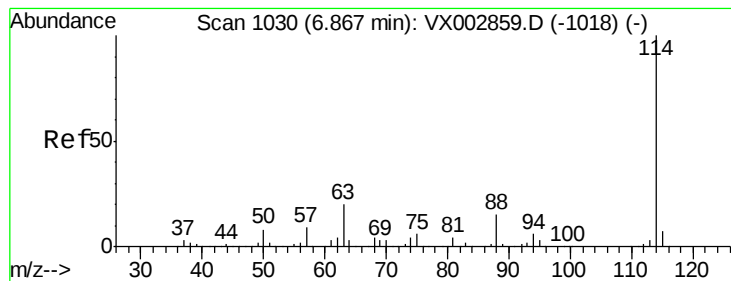
67 51.5 0.0 102.6



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: VX003011.D

Acq: 29 Jun 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

LIC-PV-TRIPBLANK-1-6-19-18

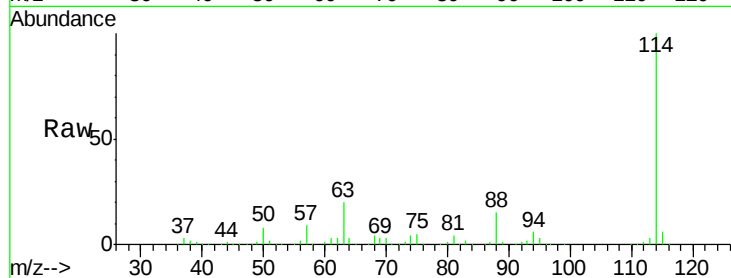
Tot Ion:114 Resp: 413990

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

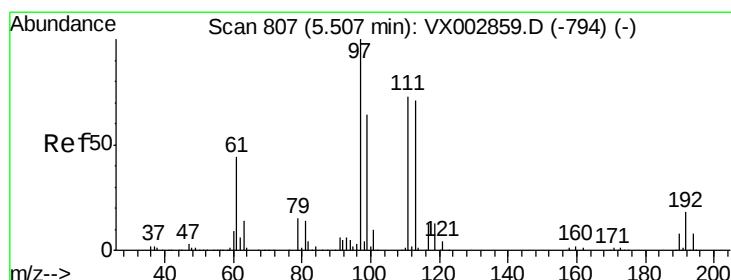
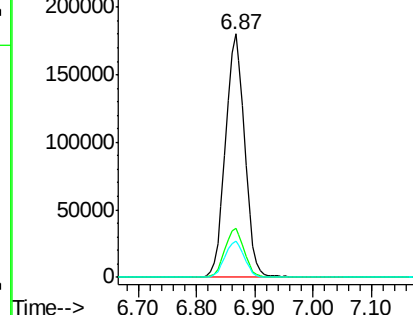
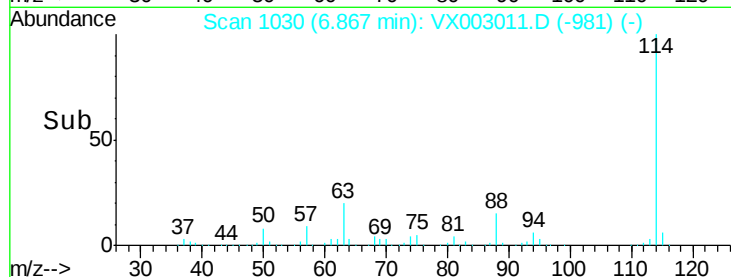
88 15.0 0.0 30.0



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: 47.82 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

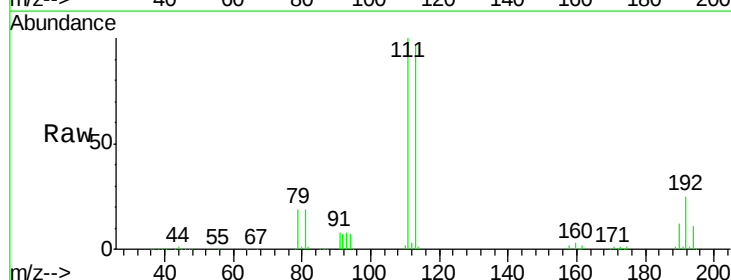
Tgt Ion:113 Resp: 156768

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

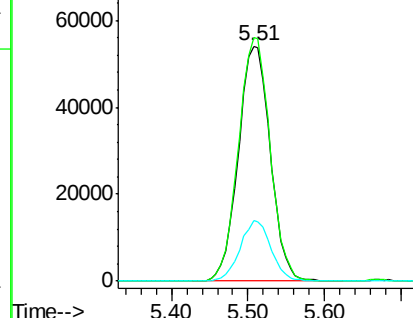
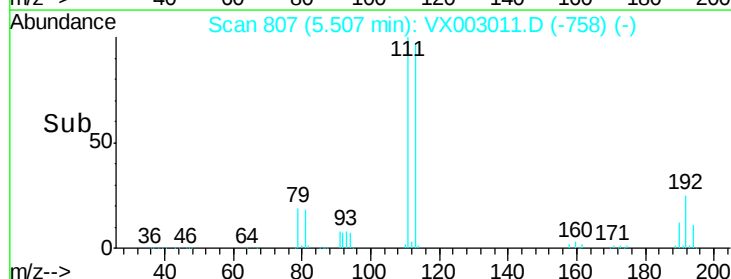
192 24.9 19.1 28.7

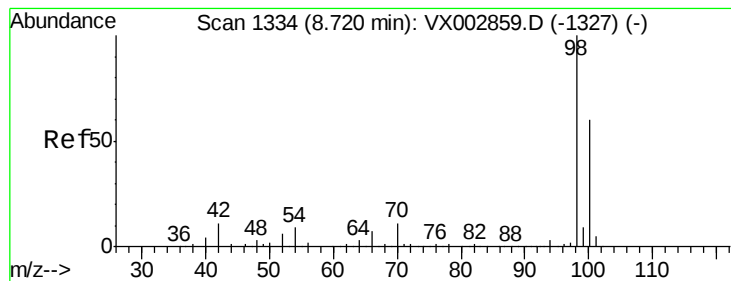


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.15 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

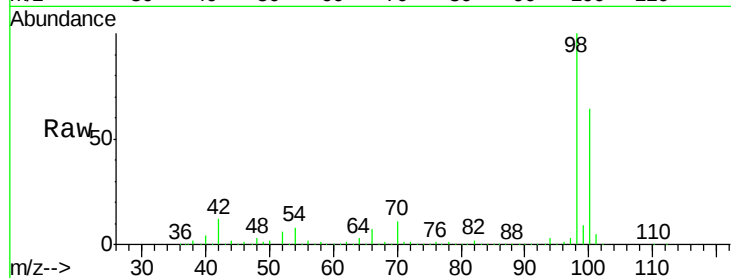
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion: 98 Resp: 576470

Ion Ratio Lower Upper

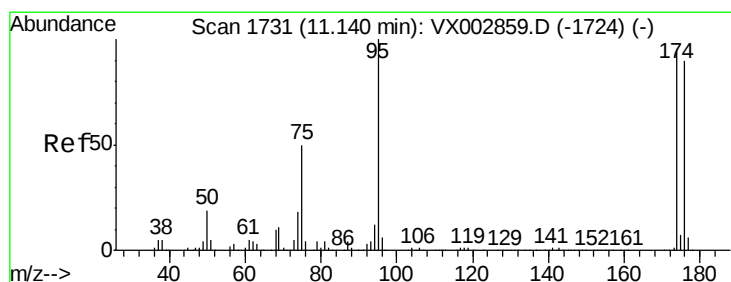
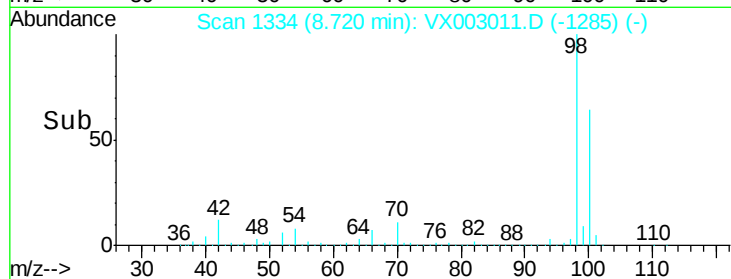
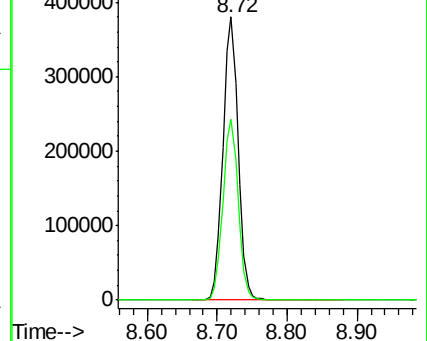
98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003011.D

Acq: 29 Jun 2018 04:03

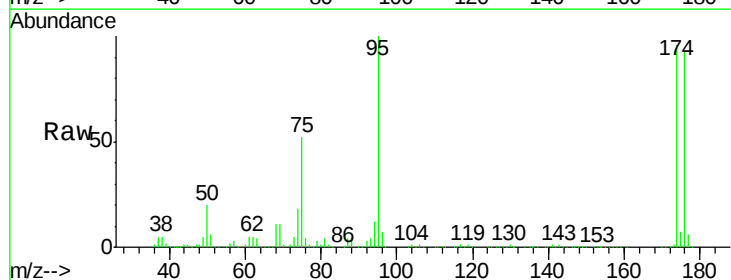
Tgt Ion: 95 Resp: 202405

Ion Ratio Lower Upper

95 100

174 98.4 0.0 187.4

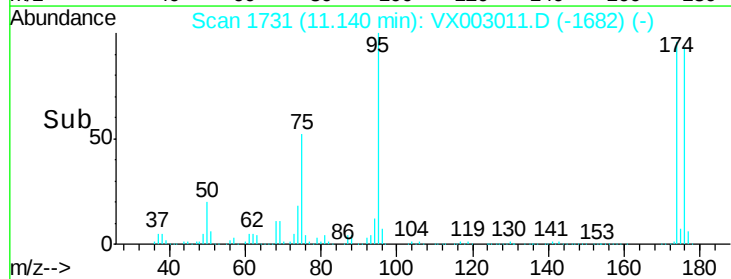
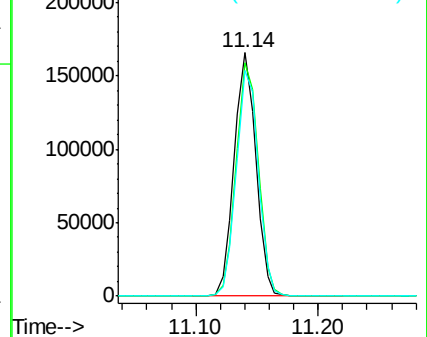
176 94.0 0.0 181.0

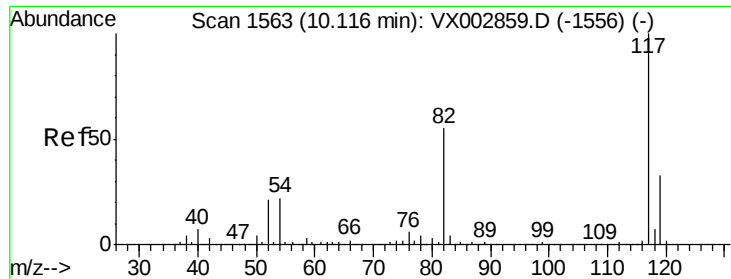


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

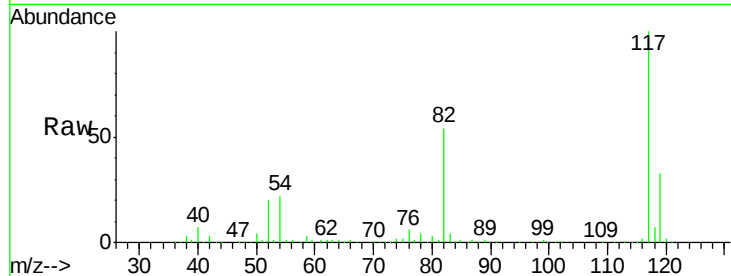




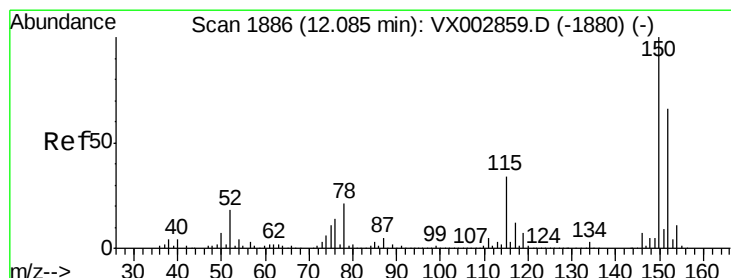
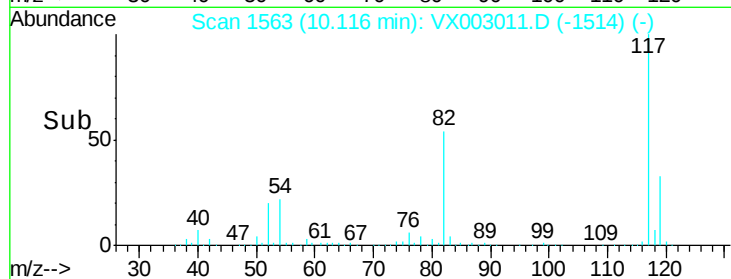
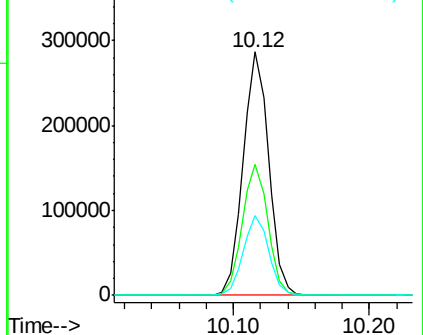
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003011.D
Acq: 29 Jun 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion:117 Resp: 377565
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.6 25.8 38.6

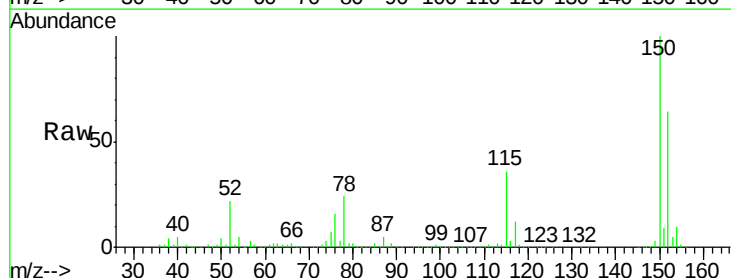


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003011.D
Acq: 29 Jun 2018 04:03

Tgt Ion:152 Resp: 215627
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

