

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000851.D
 Acq On : 13 Apr 2018 15:59
 Operator : JC/MD
 Sample : J2133-08 LOO 10.0PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Quant Time: Apr 14 06:57:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

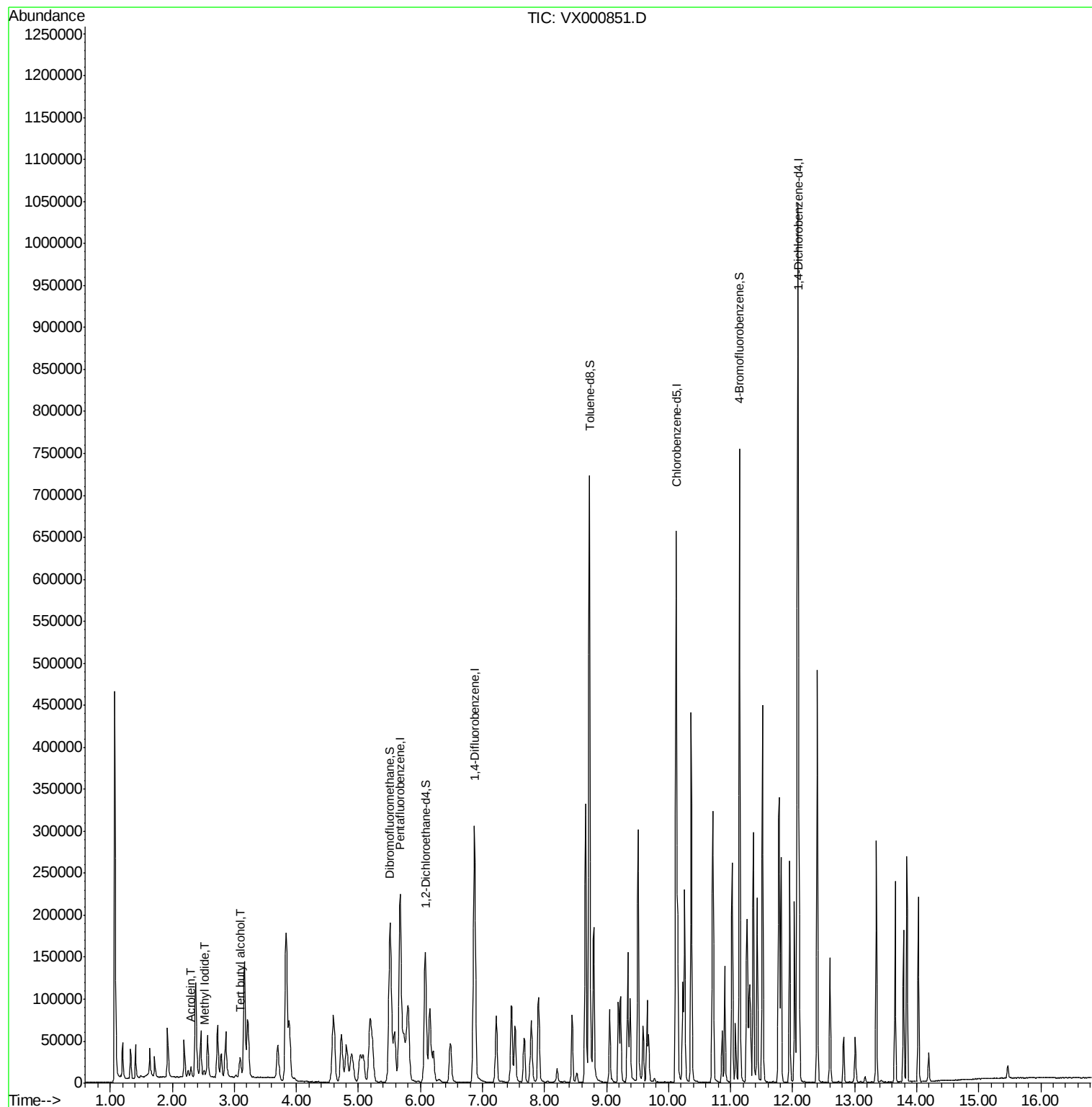
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	150474	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	5.51	113	127068	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	8.73	98	467142	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.15	95	190088	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
10) Methyl Iodide	2.51	142	8321	12.02	ug/l	98
11) Tert butyl alcohol	3.09	59	30765	56.41	ug/l	100
13) Acrolein	2.30	56	8596	32.45	ug/l	98

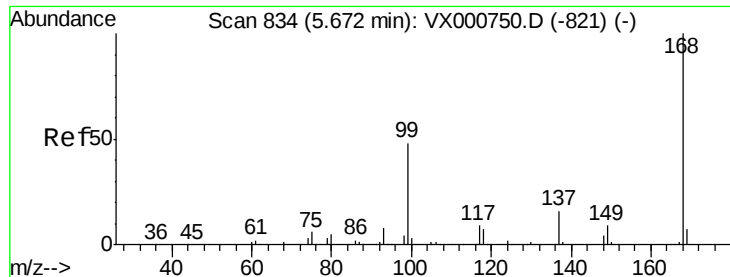
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

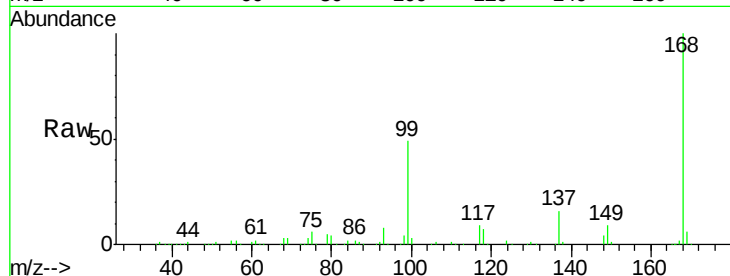
LOQ-WATER-02-QT2-2018

Tot Ion:168 Resp: 243640

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

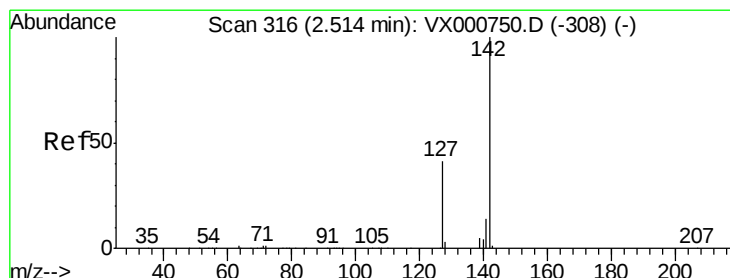
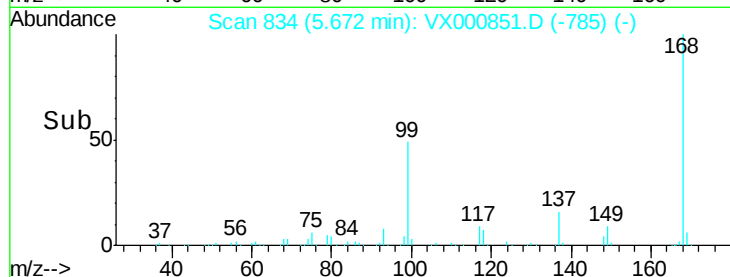
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 12.02 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

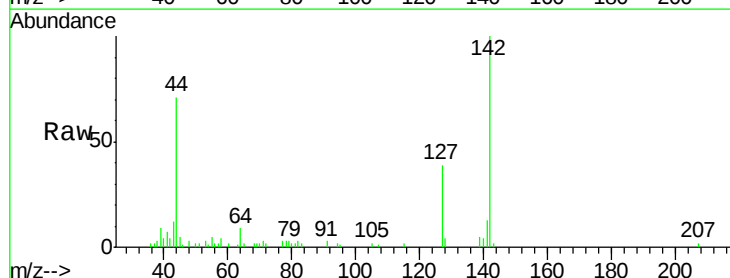
Tgt Ion:142 Resp: 8321

Ion Ratio Lower Upper

142 100

127 39.1 32.6 49.0

141 14.3 11.5 17.3



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

2.51

6000

5000

4000

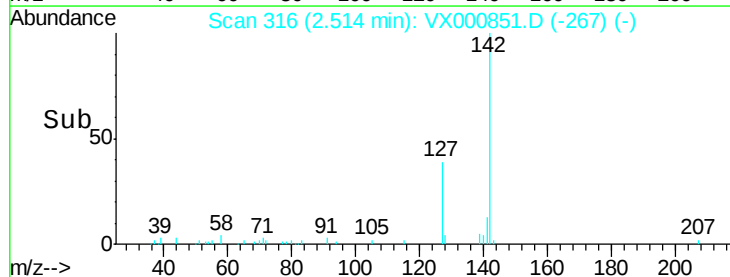
3000

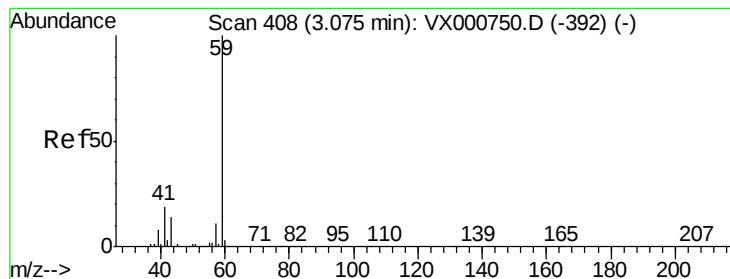
2000

1000

0

Time--> 2.40 2.50 2.60





#11

Tert butyl alcohol

Concen: 56.41 ug/l

RT: 3.09 min Scan# 411

Delta R.T. 0.02 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

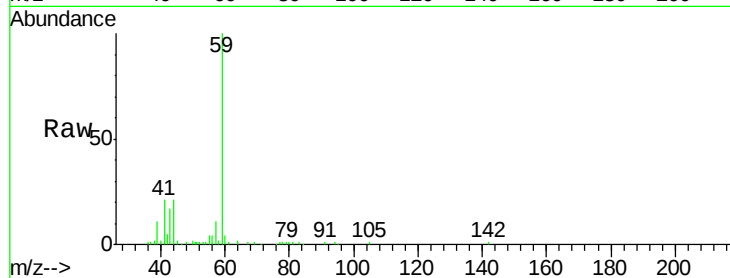
LOQ-WATER-02-QT2-2018

Tot Ion: 59 Resp: 30765

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.09

15000

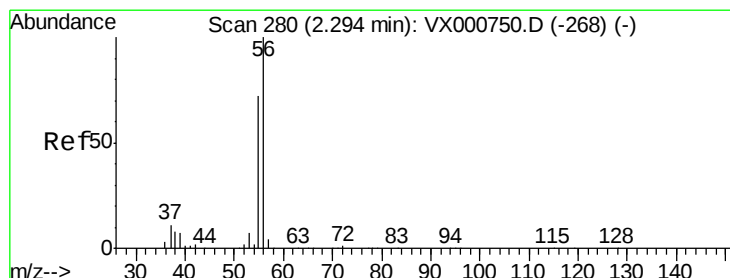
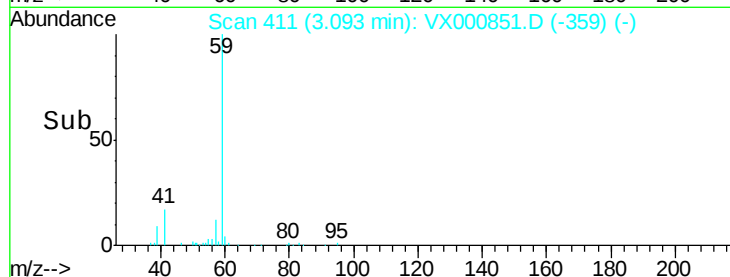
10000

5000

0

Time-->

3.05 3.10 3.15



#13

Acrolein

Concen: 32.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000851.D

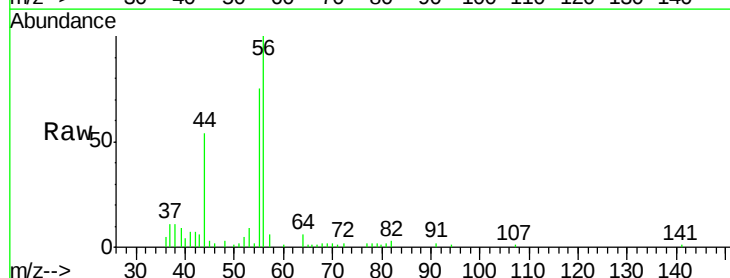
Acq: 13 Apr 2018 15:59

Tgt Ion: 56 Resp: 8596

Ion Ratio Lower Upper

56 100

55 71.5 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

6000

5000

4000

3000

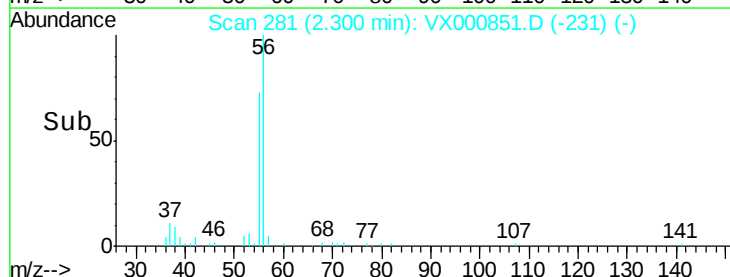
2000

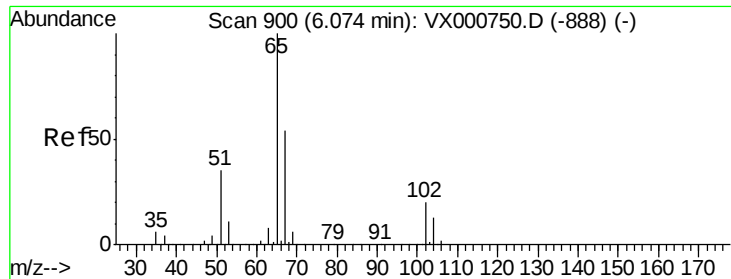
1000

0

Time-->

2.20 2.25 2.30 2.35 2.40





#33

1,2-Dichloroethane-d4

Concen: 48.98 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

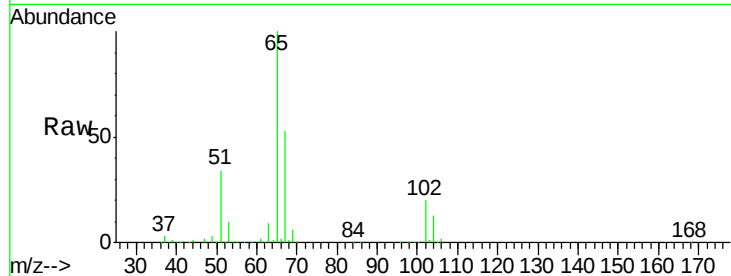
LOQ-WATER-02-QT2-2018

Tot Ion: 65 Resp: 150474

Ion Ratio Lower Upper

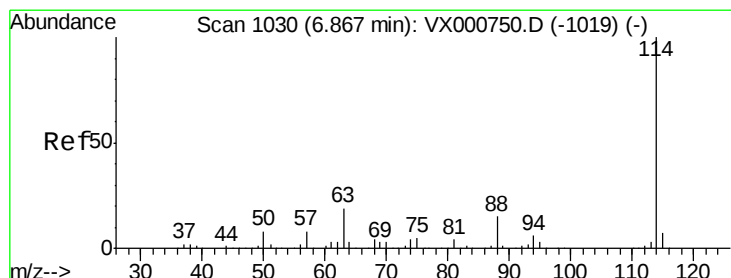
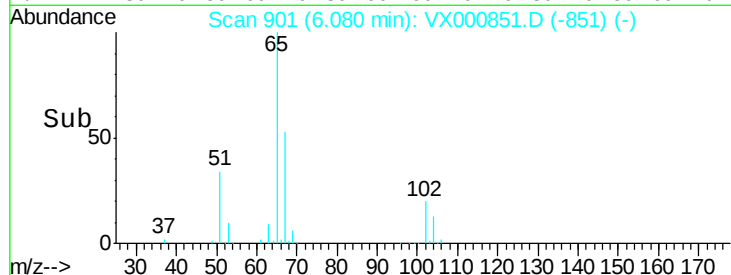
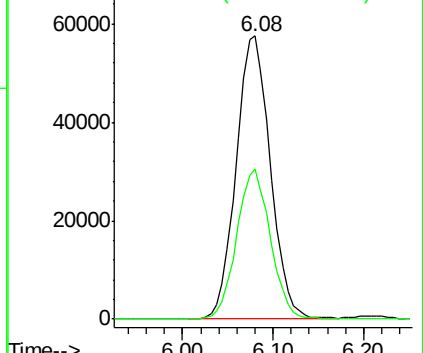
65 100

67 52.3 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

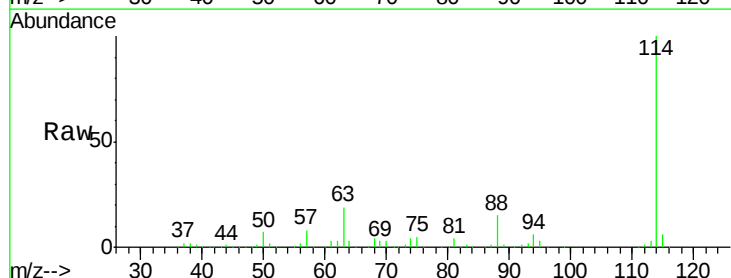
Tgt Ion: 114 Resp: 331446

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

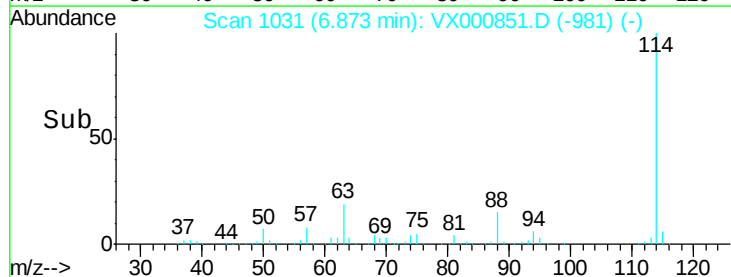
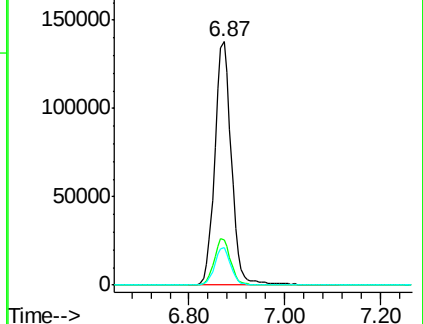
88 15.2 0.0 31.0

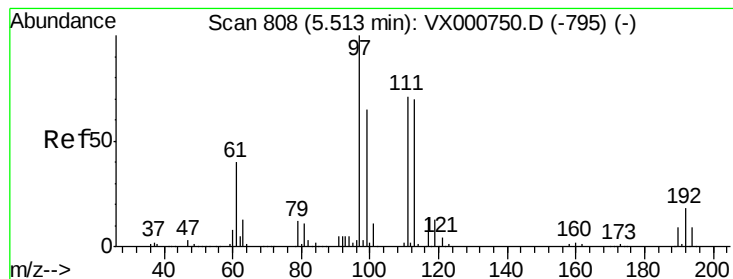


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.76 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

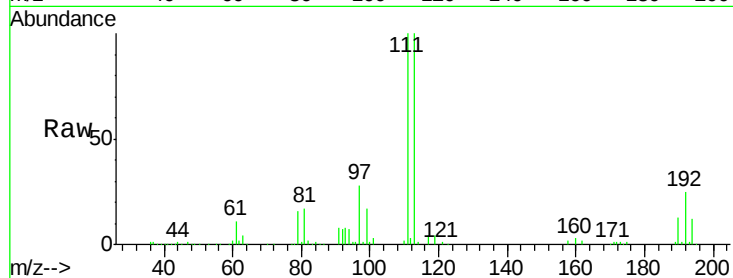
Tot Ion:113 Resp: 127068

Ion Ratio Lower Upper

113 100

111 100.3 81.5 122.3

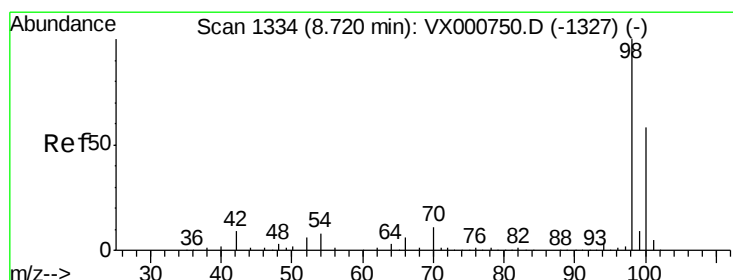
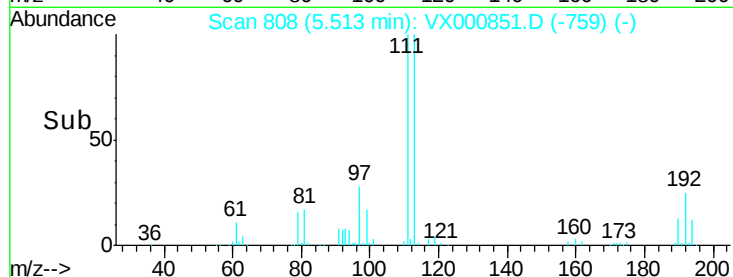
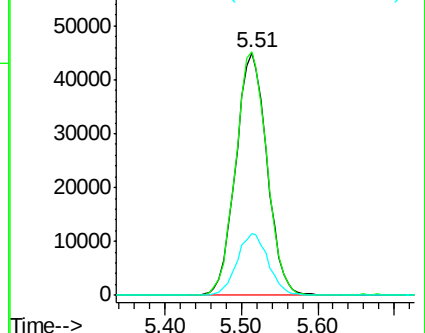
192 25.5 20.4 30.6



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: 49.13 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000851.D

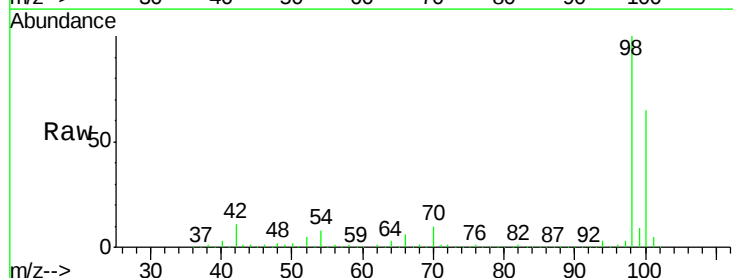
Acq: 13 Apr 2018 15:59

Tgt Ion: 98 Resp: 467142

Ion Ratio Lower Upper

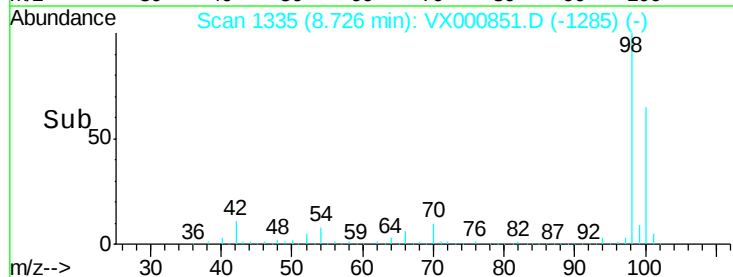
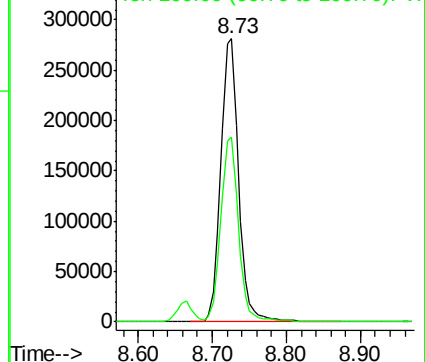
98 100

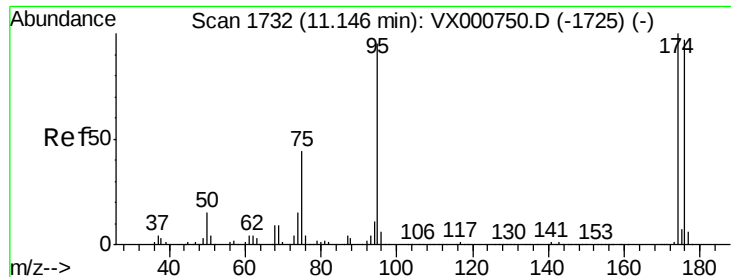
100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 48.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

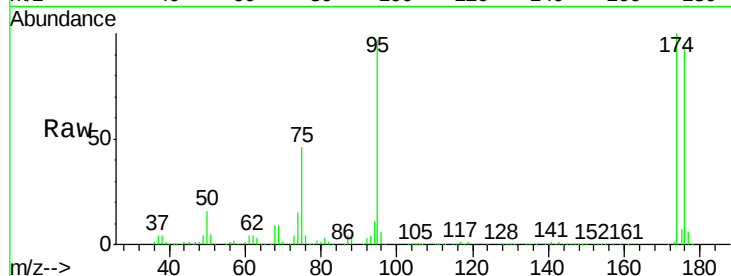
Tot Ion: 95 Resp: 190088

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

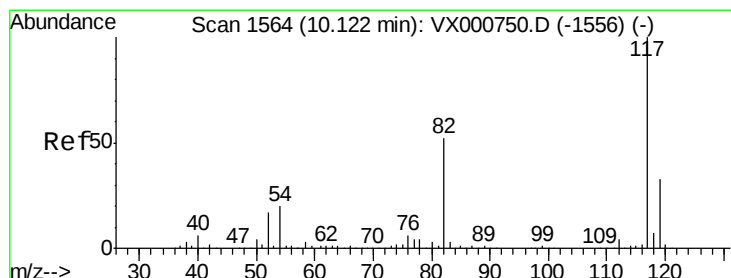
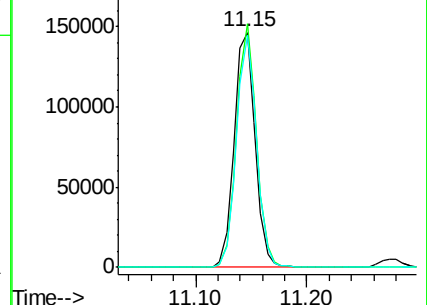
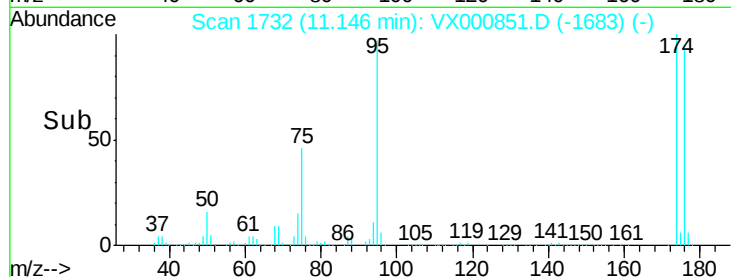
176 95.3 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000851.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000851.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000851.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

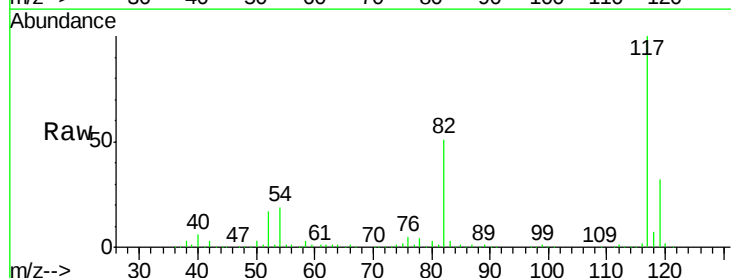
Tgt Ion: 117 Resp: 312572

Ion Ratio Lower Upper

117 100

82 50.8 41.9 62.9

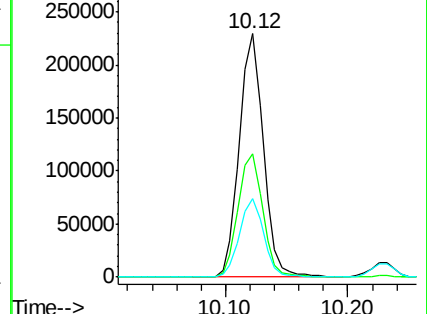
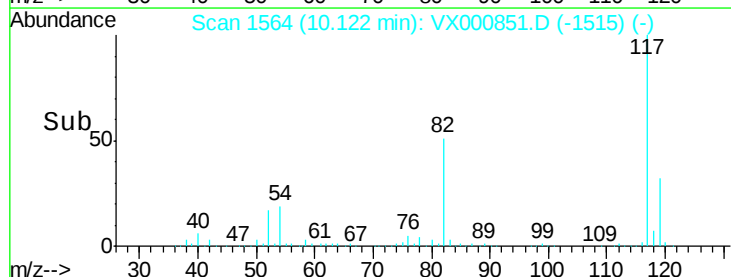
119 32.1 26.0 39.0

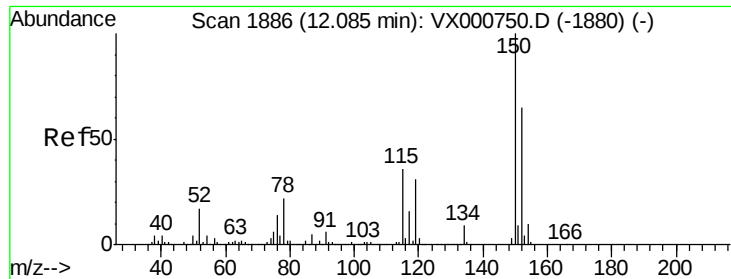


Abundance Ion 116.90 (116.60 to 117.60): VX000851.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000851.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000851.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000851.D

Acq: 13 Apr 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

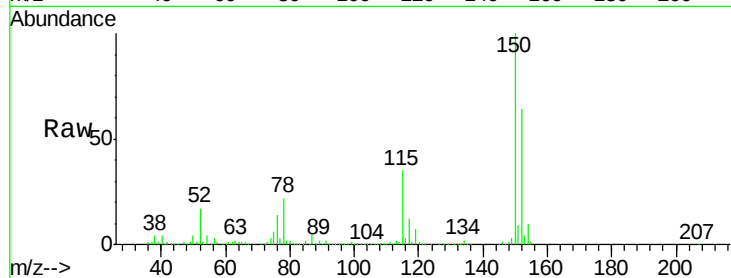
Tot Ion:152 Resp: 212248

Ion Ratio Lower Upper

152 100

115 58.0 37.9 113.7

150 159.9 0.0 348.0



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

