

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000848.D
 Acq On : 13 Apr 2018 14:44
 Operator : JC/MD
 Sample : J2133-07 LOD-MDL 2.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 14 06:51:30 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

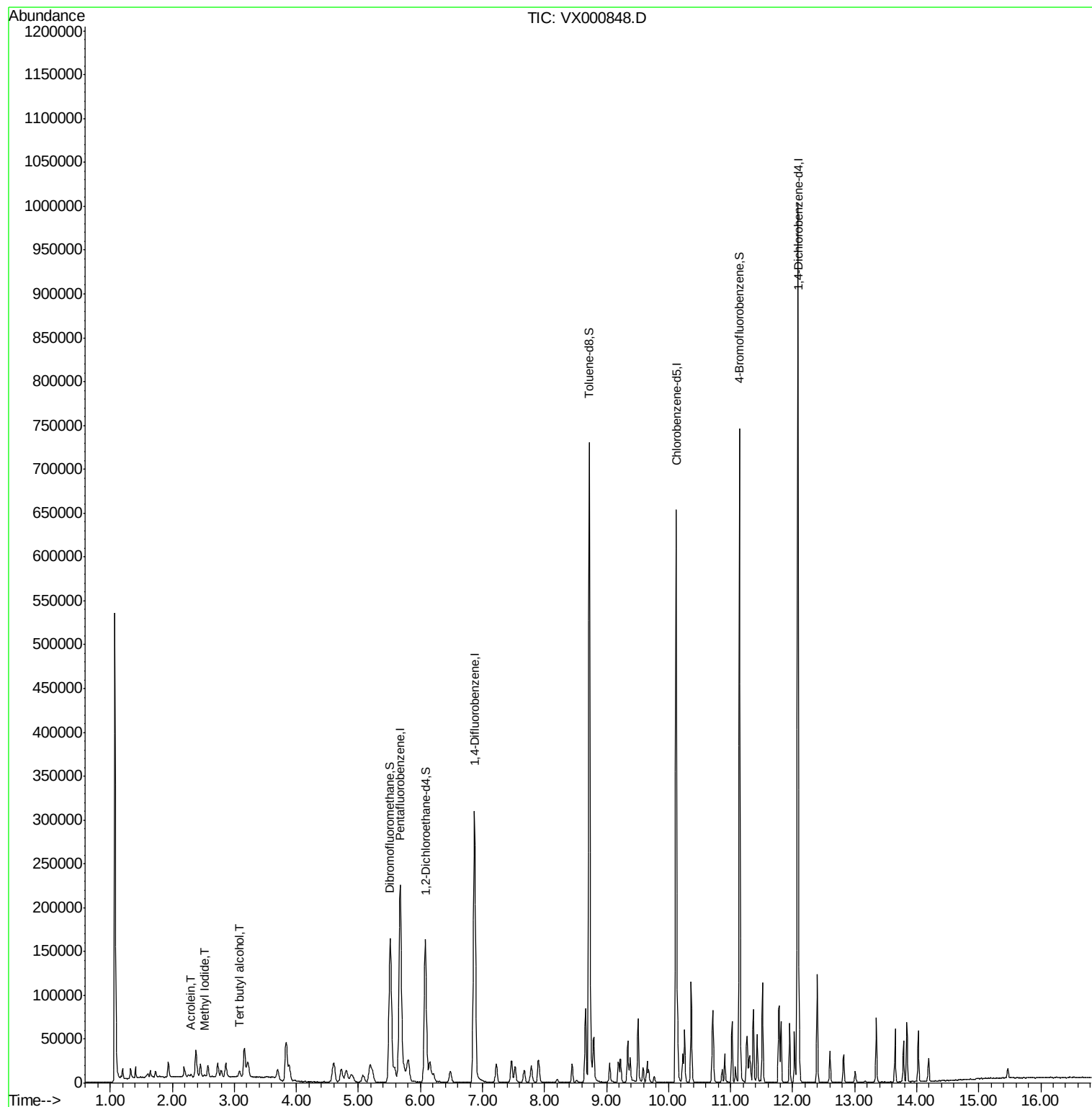
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	156667	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	128383	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.72	98	475465	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	188996	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
10) Methyl Iodide	2.51	142	2014	9.14	ug/l #	98
11) Tert butyl alcohol	3.08	59	8881	16.18	ug/l	95
13) Acrolein	2.31	56	2310	8.67	ug/l #	82

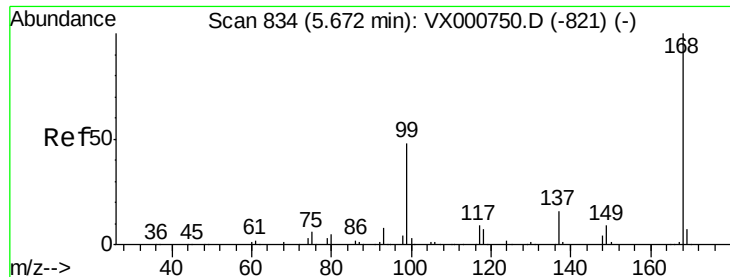
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

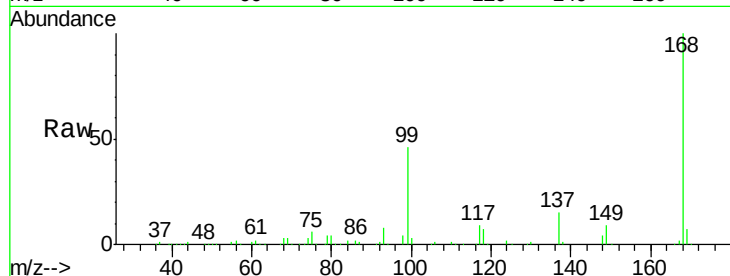
LOD-MDL-WATER-01-QT2-2018

Tot Ion:168 Resp: 245137

Ion Ratio Lower Upper

168 100

99 46.1 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

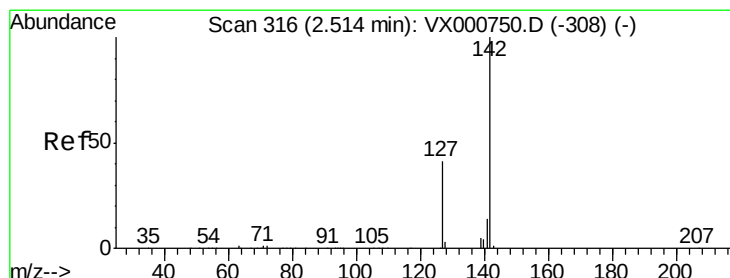
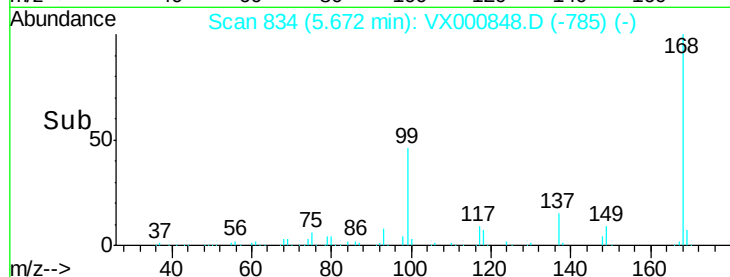
40000

20000

0

5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 9.14 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

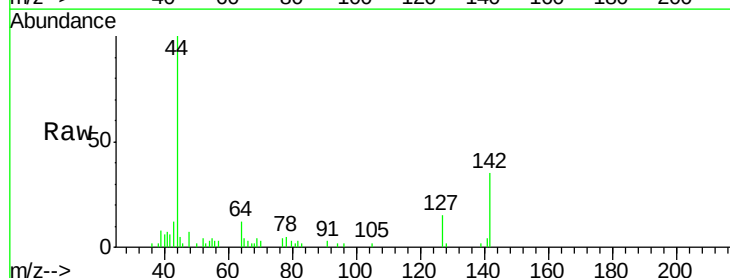
Tgt Ion:142 Resp: 2014

Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

141 18.2 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

1500

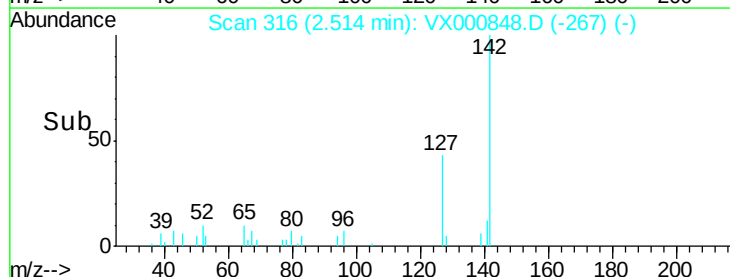
1000

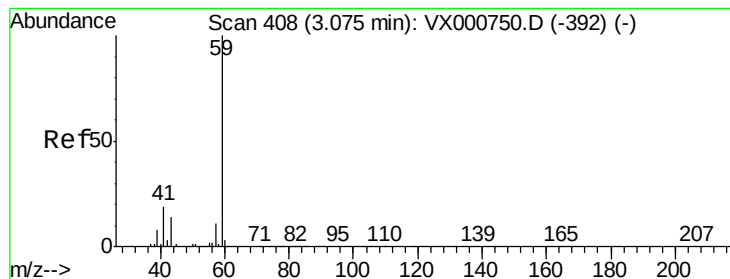
500

0

2.45 2.50 2.55 2.60

Time-->





#11

Tert butyl alcohol

Concen: 16.18 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

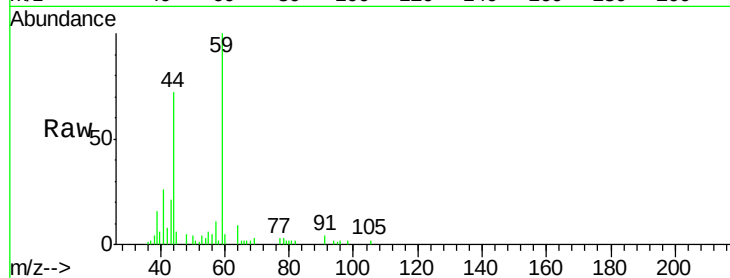
LOD-MDL-WATER-01-QT2-2018

Tot Ion: 59 Resp: 8881

Ion Ratio Lower Upper

59 100

57 12.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

4000

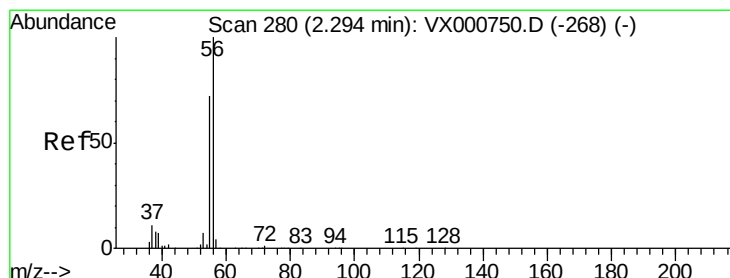
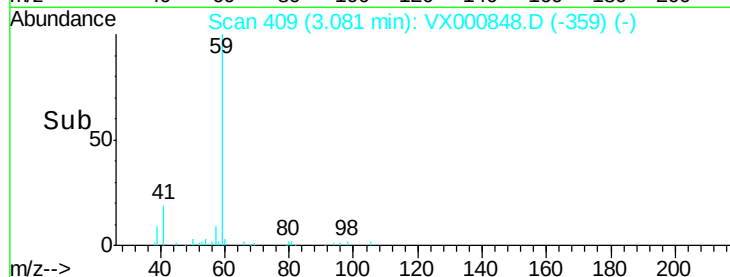
3000

2000

1000

0

Time-->



#13

Acrolein

Concen: 8.67 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000848.D

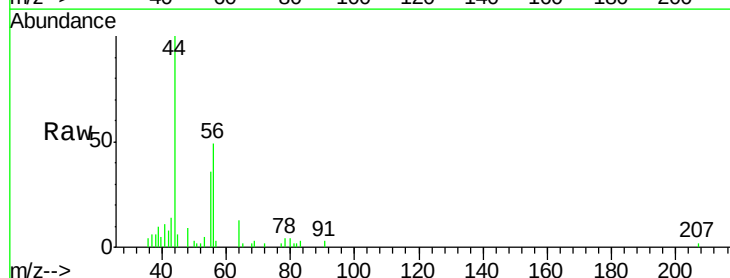
Acq: 13 Apr 2018 14:44

Tgt Ion: 56 Resp: 2310

Ion Ratio Lower Upper

56 100

55 88.7 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

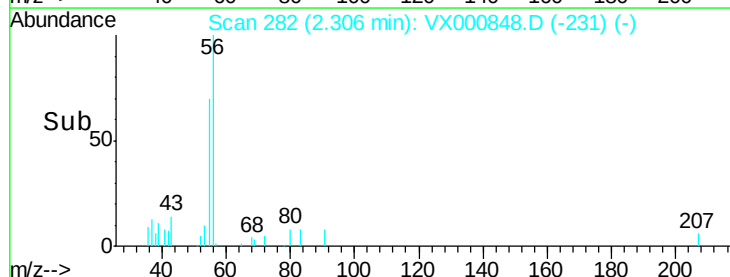
1500

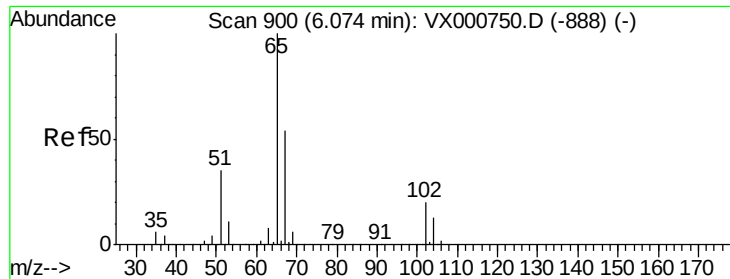
1000

500

0

Time-->

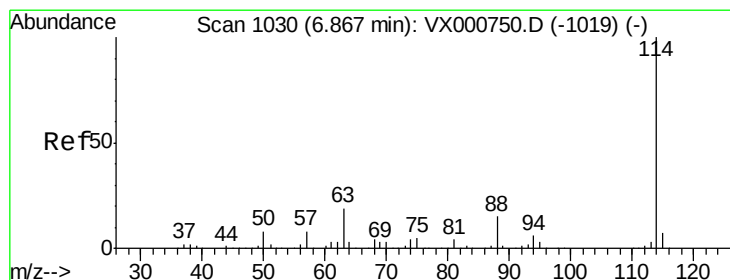
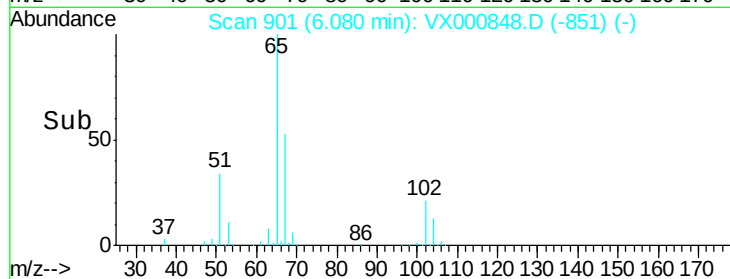
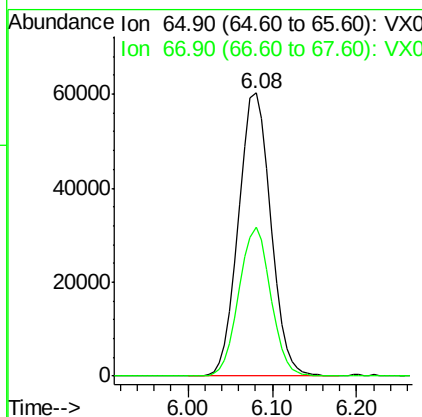
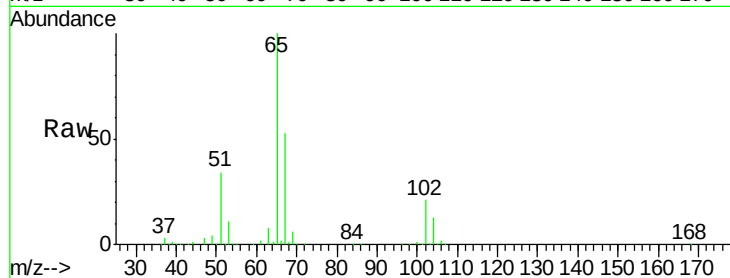




#33
 1,2-Dichloroethane-d4
 Concen: 50.69 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

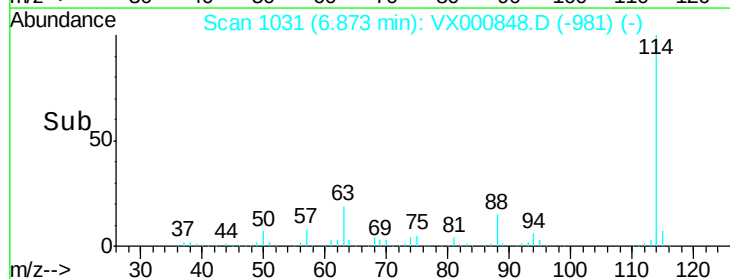
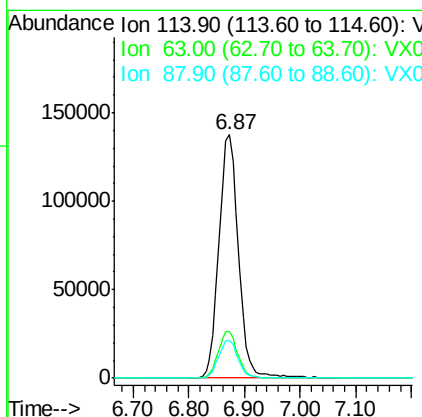
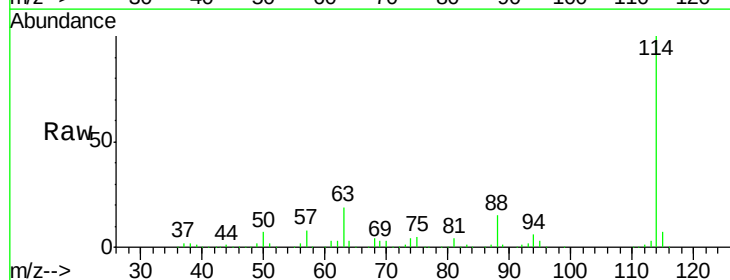
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

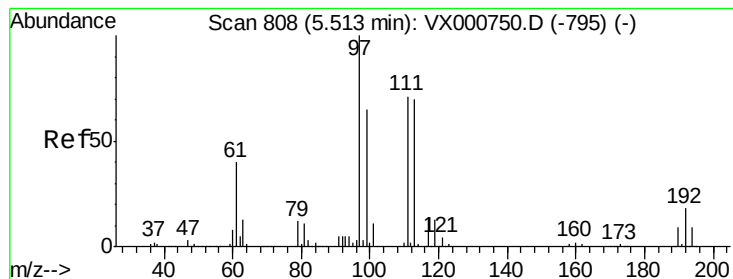
Tot Ion: 65 Resp: 156667
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 114 Resp: 336879
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

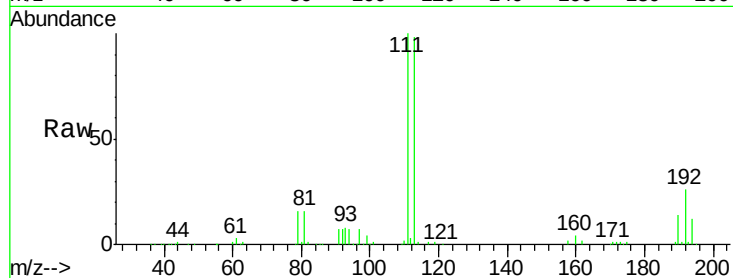
Tot Ion:113 Resp: 128383

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

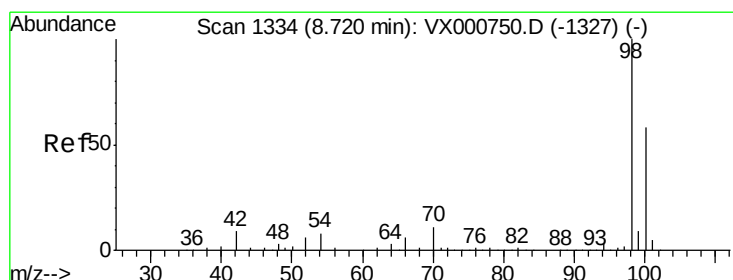
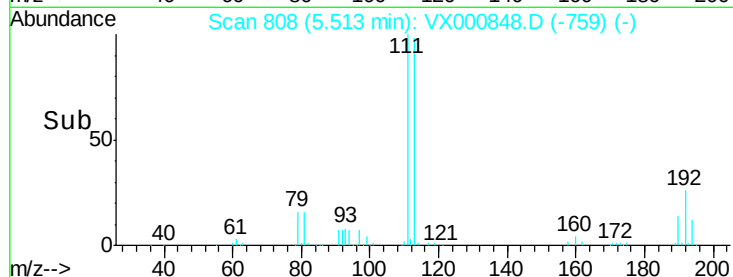
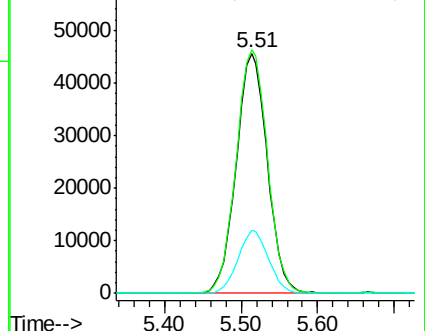
192 25.8 20.4 30.6



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: 49.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000848.D

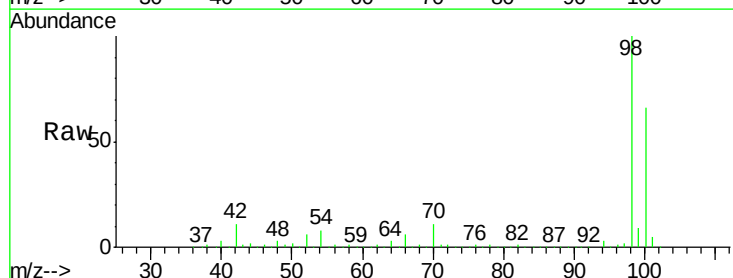
Acq: 13 Apr 2018 14:44

Tgt Ion: 98 Resp: 475465

Ion Ratio Lower Upper

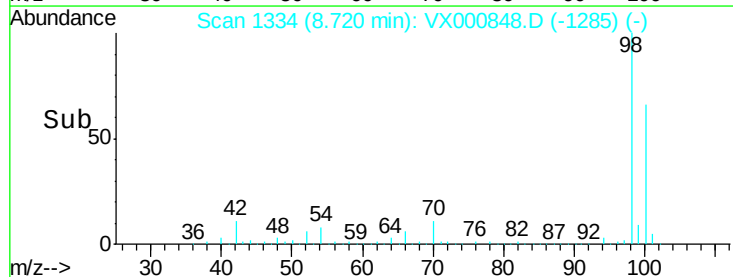
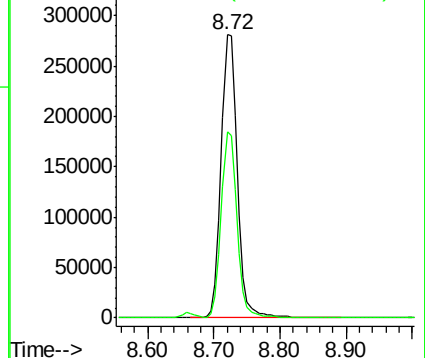
98 100

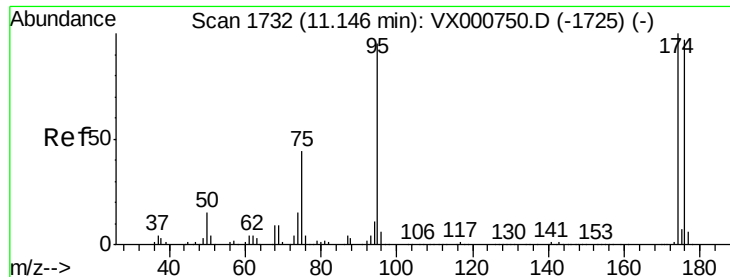
100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

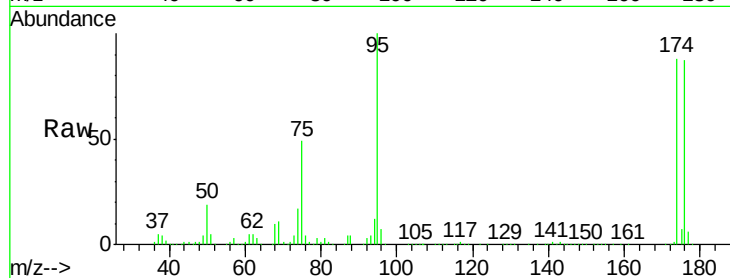
Tot Ion: 95 Resp: 188996

Ion Ratio Lower Upper

95 100

174 99.2 0.0 198.4

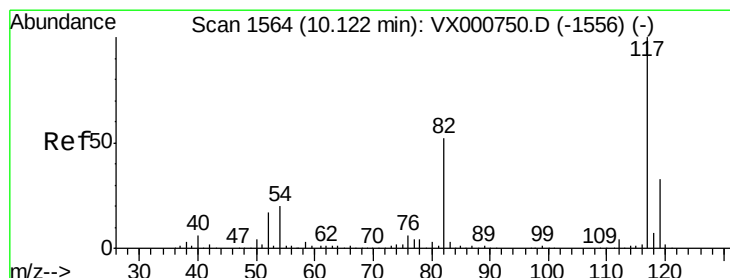
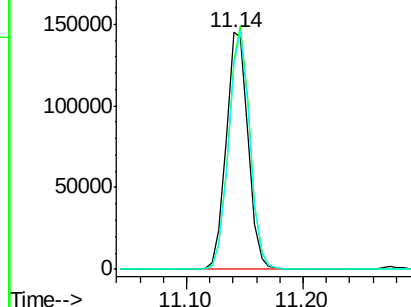
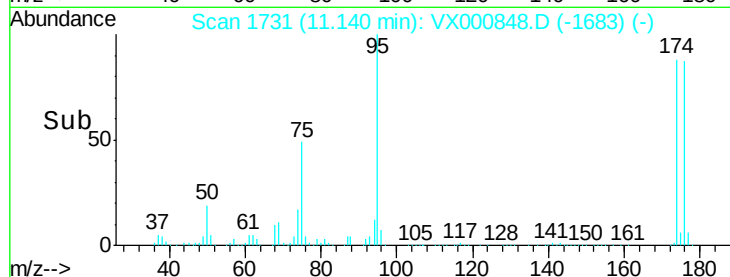
176 96.7 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000848.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000848.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000848.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

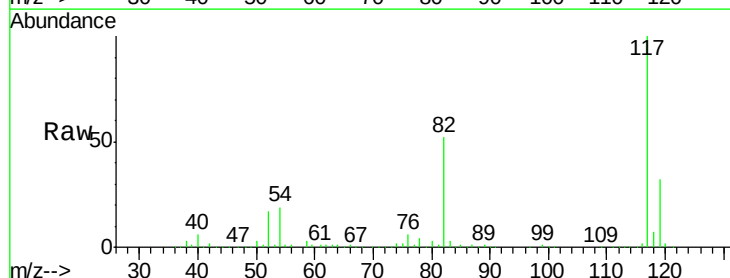
Tgt Ion: 117 Resp: 318646

Ion Ratio Lower Upper

117 100

82 51.6 41.9 62.9

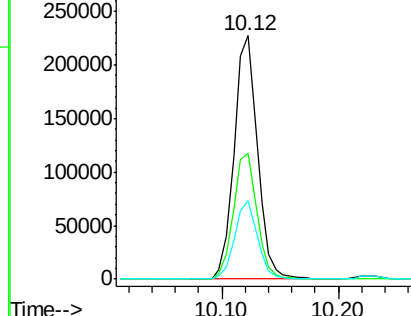
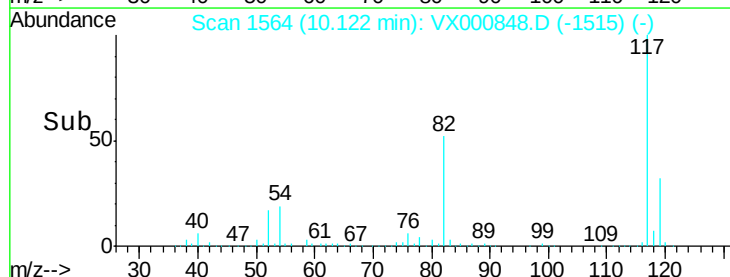
119 32.4 26.0 39.0

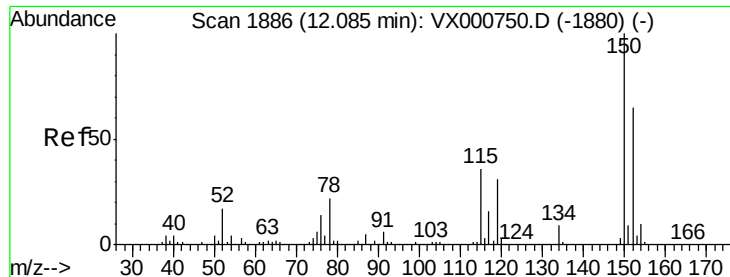


Abundance Ion 116.90 (116.60 to 117.60): VX000848.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000848.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000848.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: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

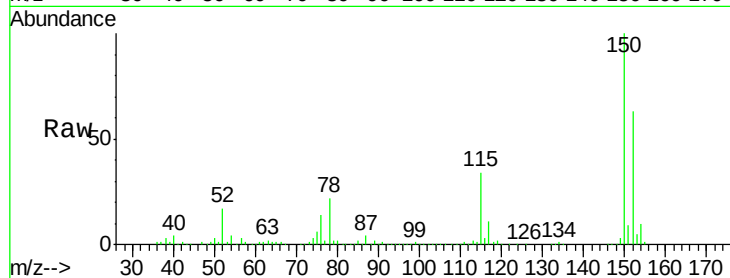
Tot Ion:152 Resp: 210424

Ion Ratio Lower Upper

152 100

115 55.0 37.9 113.7

150 159.3 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

