

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002008.D
 Acq On : 26 May 2018 05:54
 Operator : JC/MD
 Sample : J3065-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

Quant Time: May 27 23:27:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

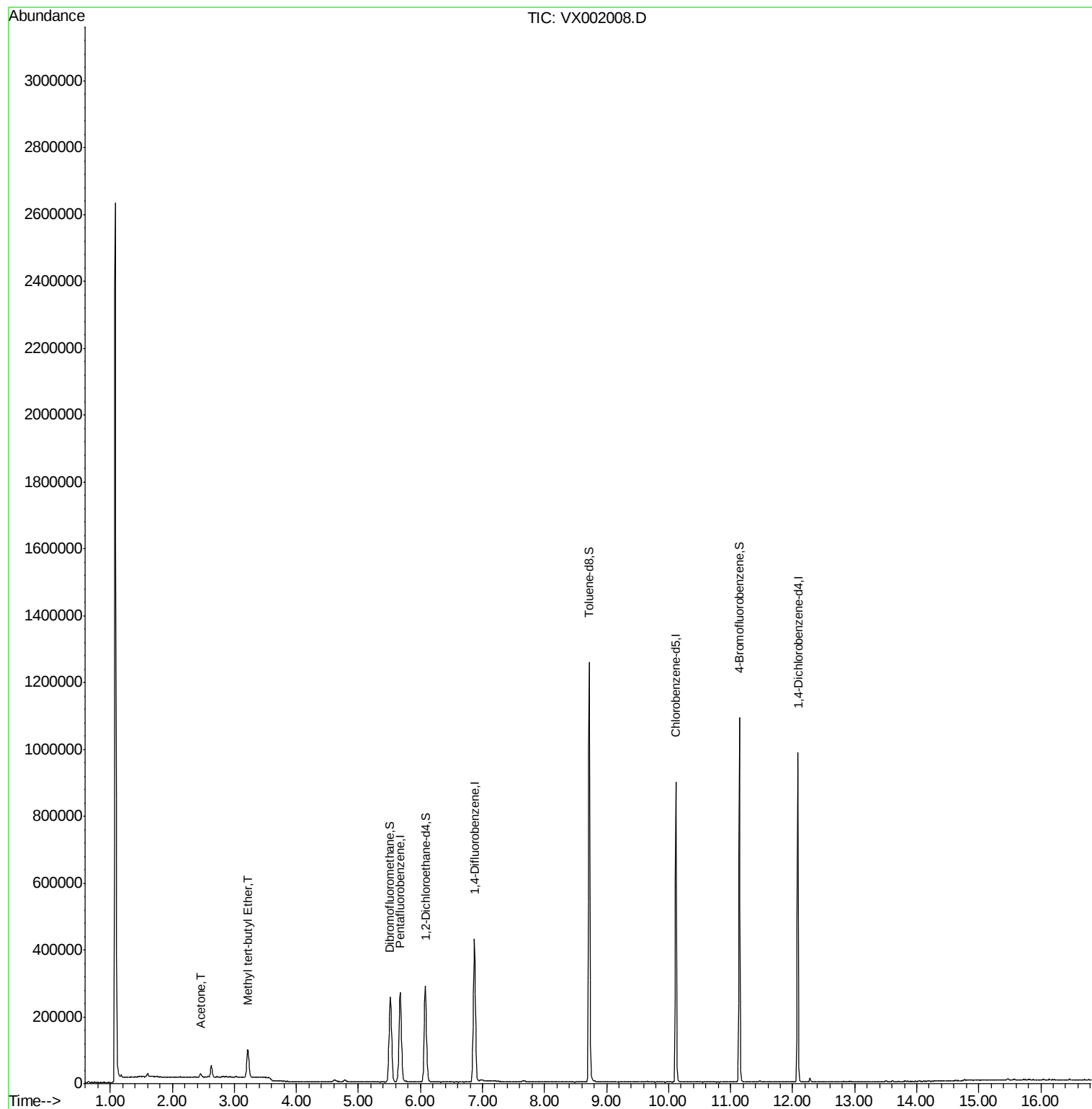
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	435786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	275469	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
35) Dibromofluoromethane	5.51	113	209323	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	8.72	98	728637	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	11.14	95	265272	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	2.45	43	14257	7.647	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	93865	7.922	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002008.D

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MSVOA_X

ClientSampleId :

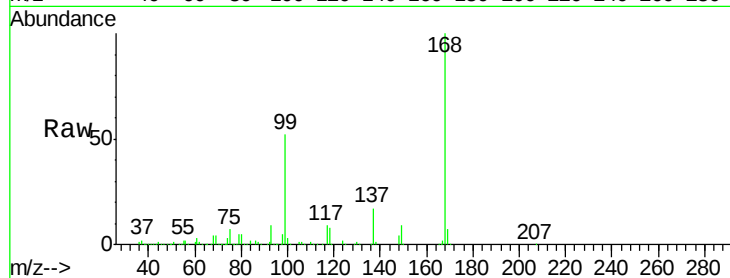
MW-37

Tot Ion:168 Resp: 270277

Ion Ratio Lower Upper

168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

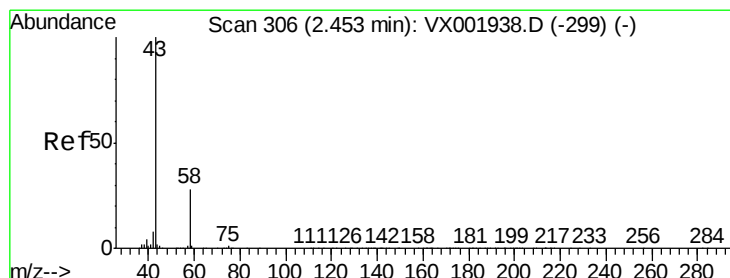
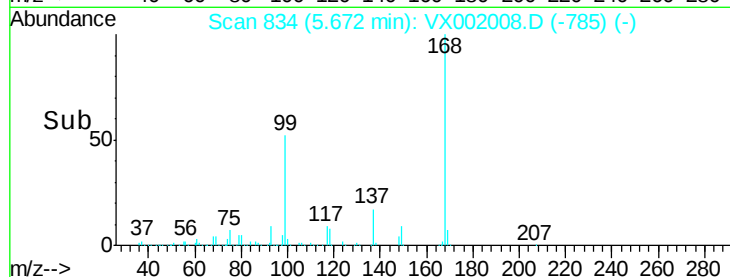
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.647 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002008.D

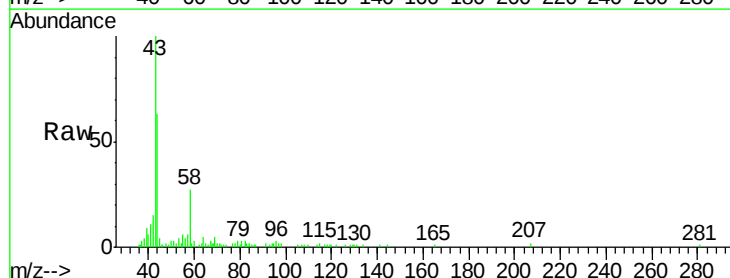
Acq: 26 May 2018 05:54

Tgt Ion: 43 Resp: 14257

Ion Ratio Lower Upper

43 100

58 28.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

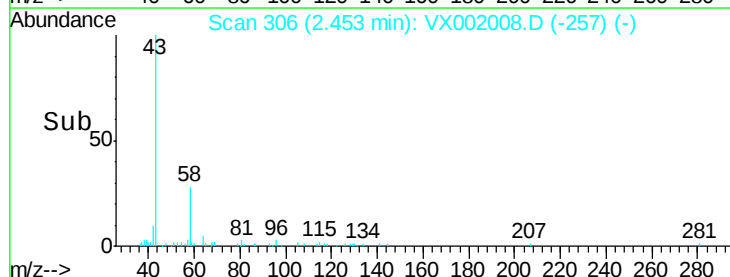
6000

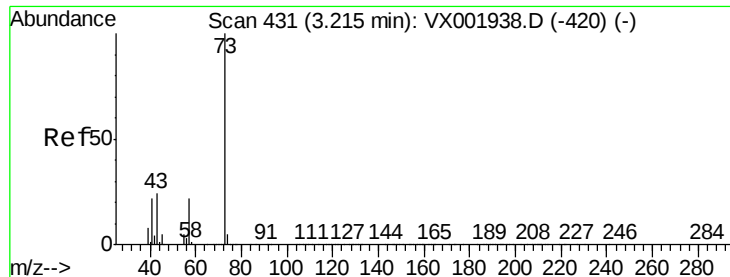
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

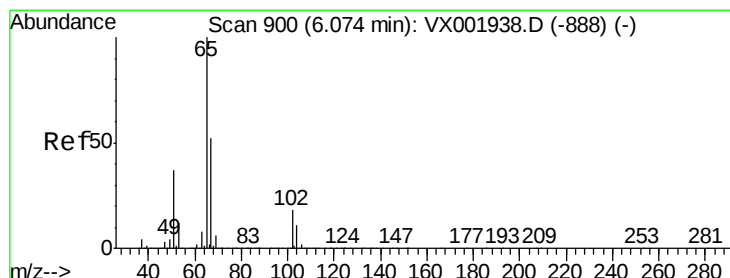
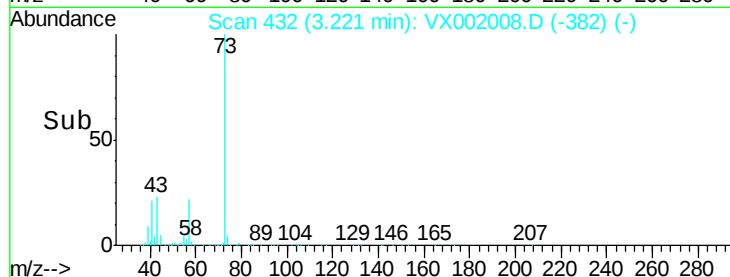
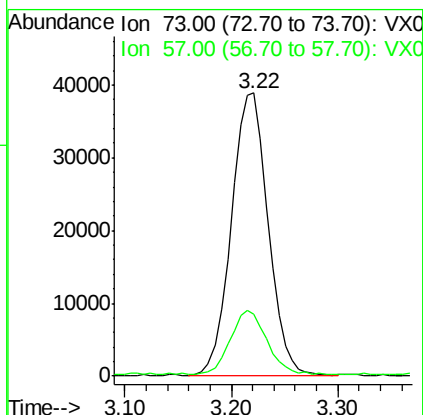
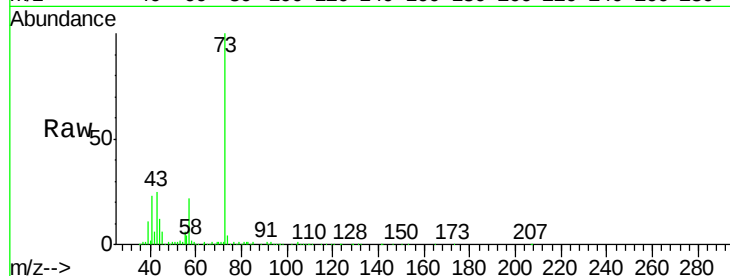




#19
Methvl tert-butvl Ether
Concen: 7.922 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002008.D
Acq: 26 May 2018 05:54

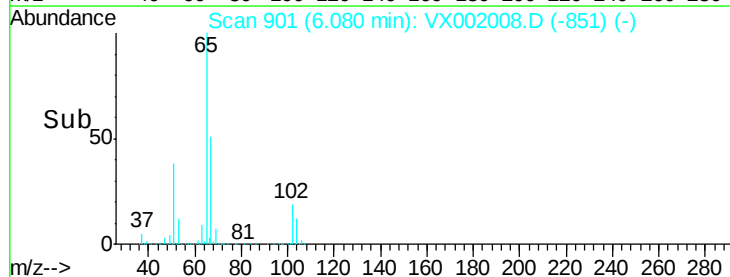
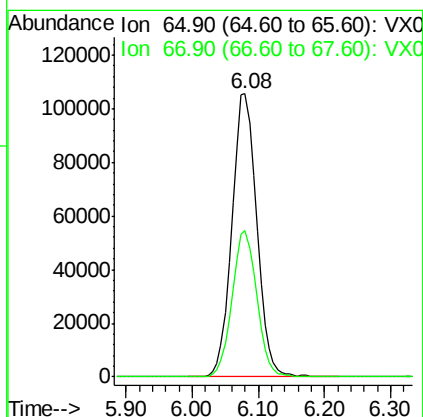
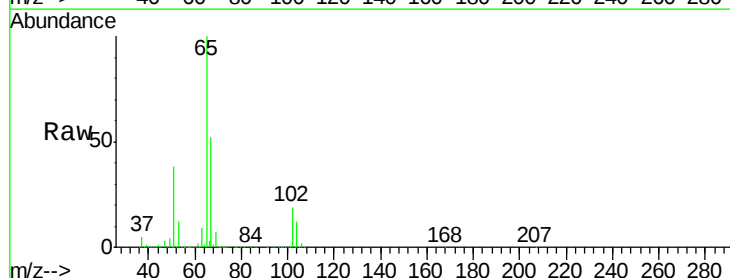
Instrument :
MSVOA_X
ClientSampleId :
MW-37

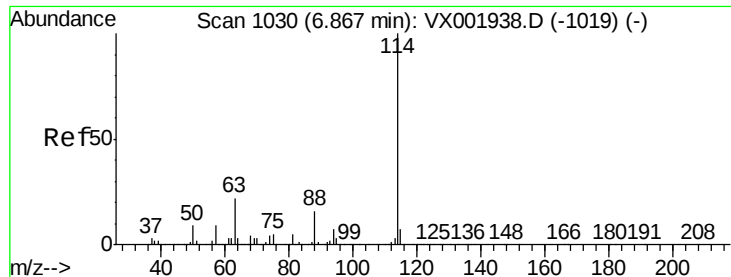
Tot Ion: 73 Resp: 93865
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 57.019 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX002008.D
Acq: 26 May 2018 05:54

Tgt Ion: 65 Resp: 275469
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

MW-37

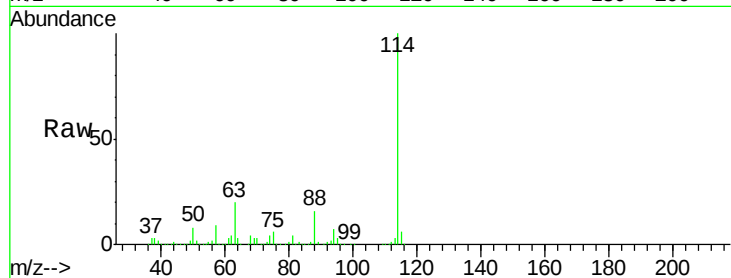
Tot Ion:114 Resp: 435786

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

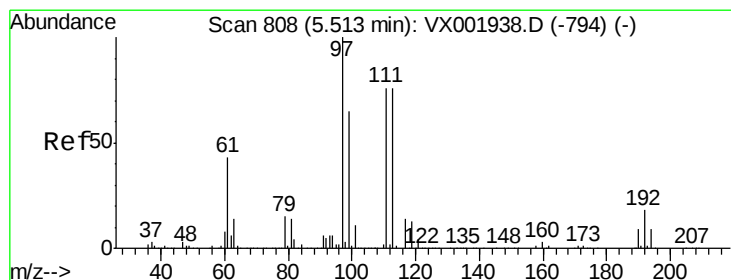
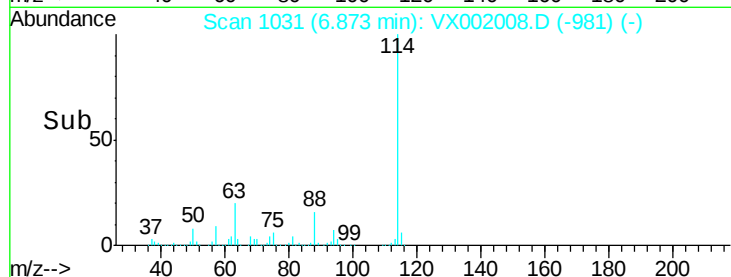
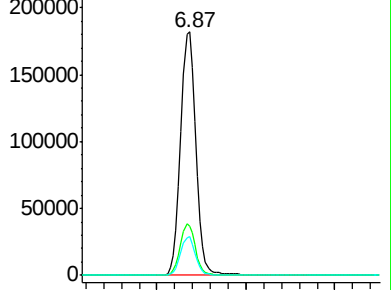
88 15.7 0.0 31.6



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: 48.033 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

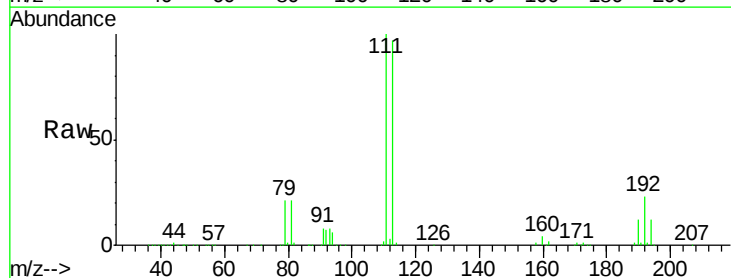
Tgt Ion:113 Resp: 209323

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

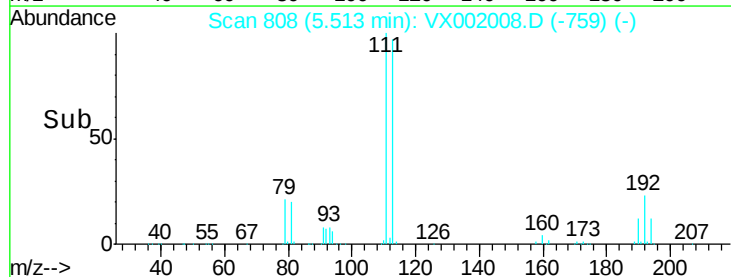
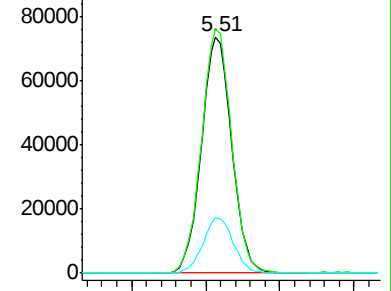
192 23.6 18.9 28.3

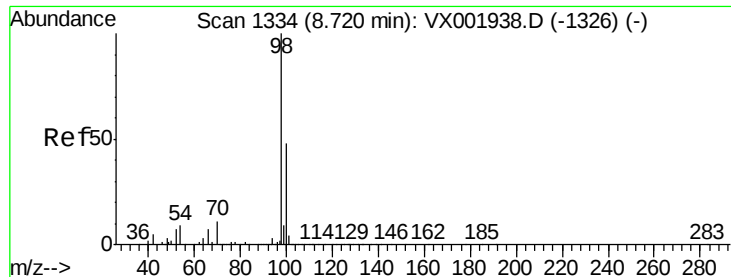


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.183 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

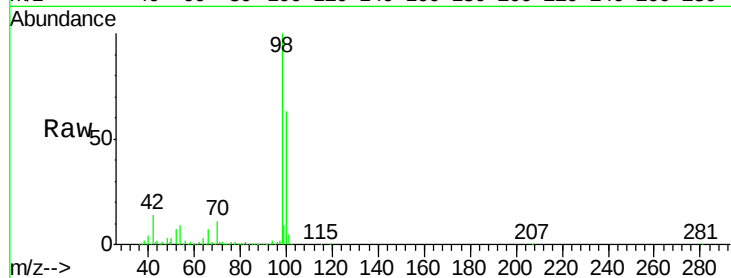
MW-37

Tot Ion: 98 Resp: 728637

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

500000

400000

300000

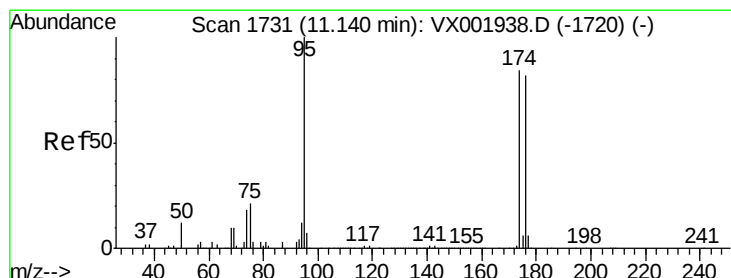
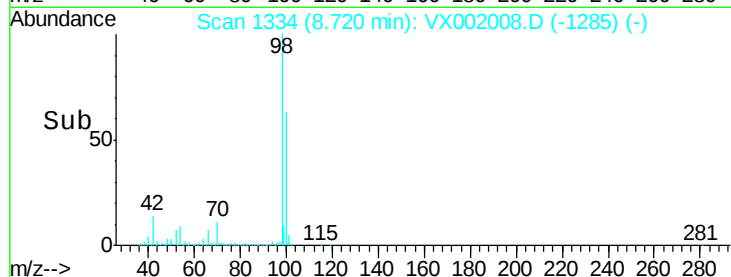
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 42.974 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

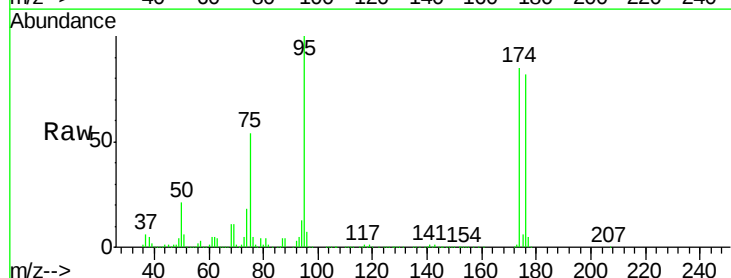
Tgt Ion: 95 Resp: 265272

Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.8

176 89.0 0.0 175.6



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

11.14

250000

200000

150000

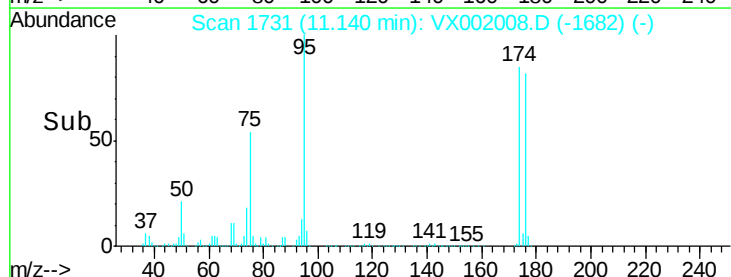
100000

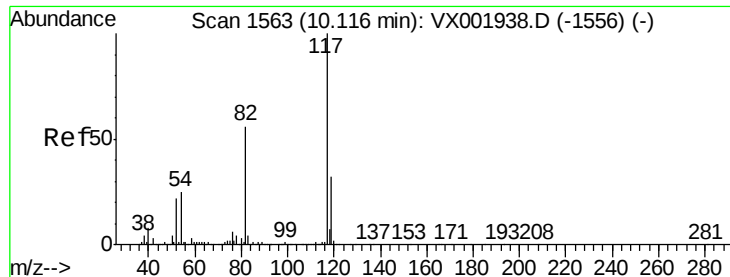
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

MW-37

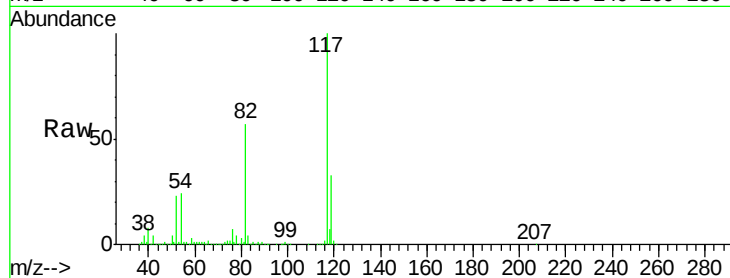
Tot Ion:117 Resp: 389833

Ion Ratio Lower Upper

117 100

82 56.8 44.8 67.2

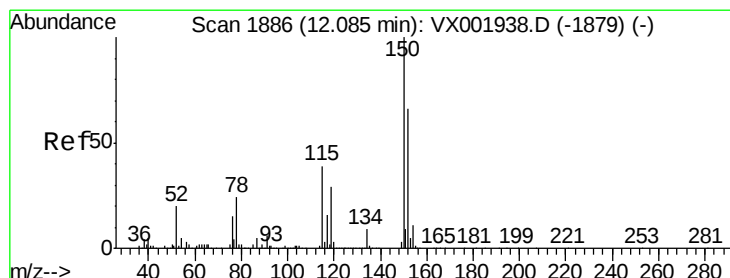
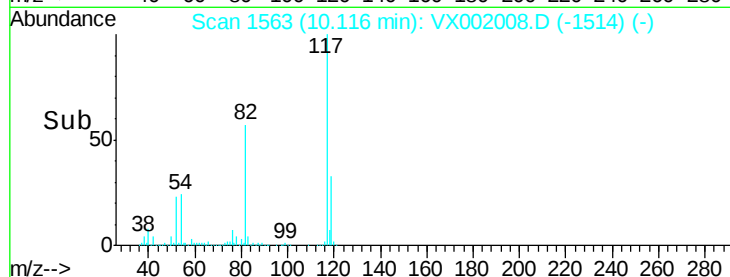
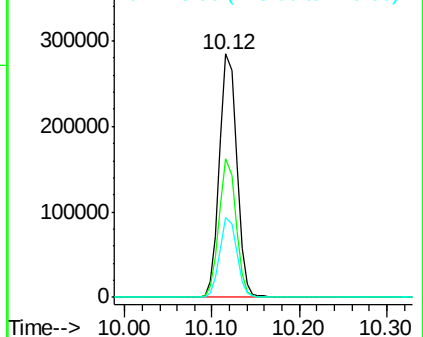
119 32.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002008.D

Acq: 26 May 2018 05:54

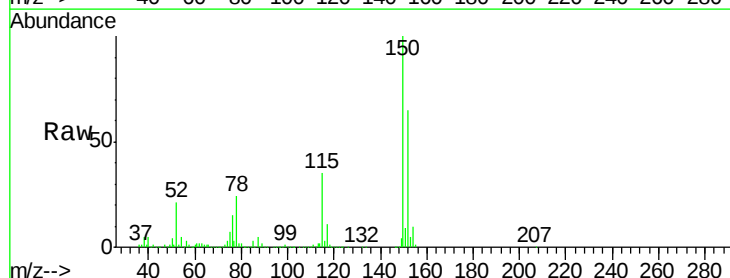
Tgt Ion:152 Resp: 204161

Ion Ratio Lower Upper

152 100

115 55.7 42.3 126.8

150 155.4 0.0 351.0



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

