

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010597.D
 Acq On : 01 Jul 2019 17:41
 Operator : JC/SP
 Sample : K3585-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RM-WATER-COMP

Quant Time: Jul 02 07:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

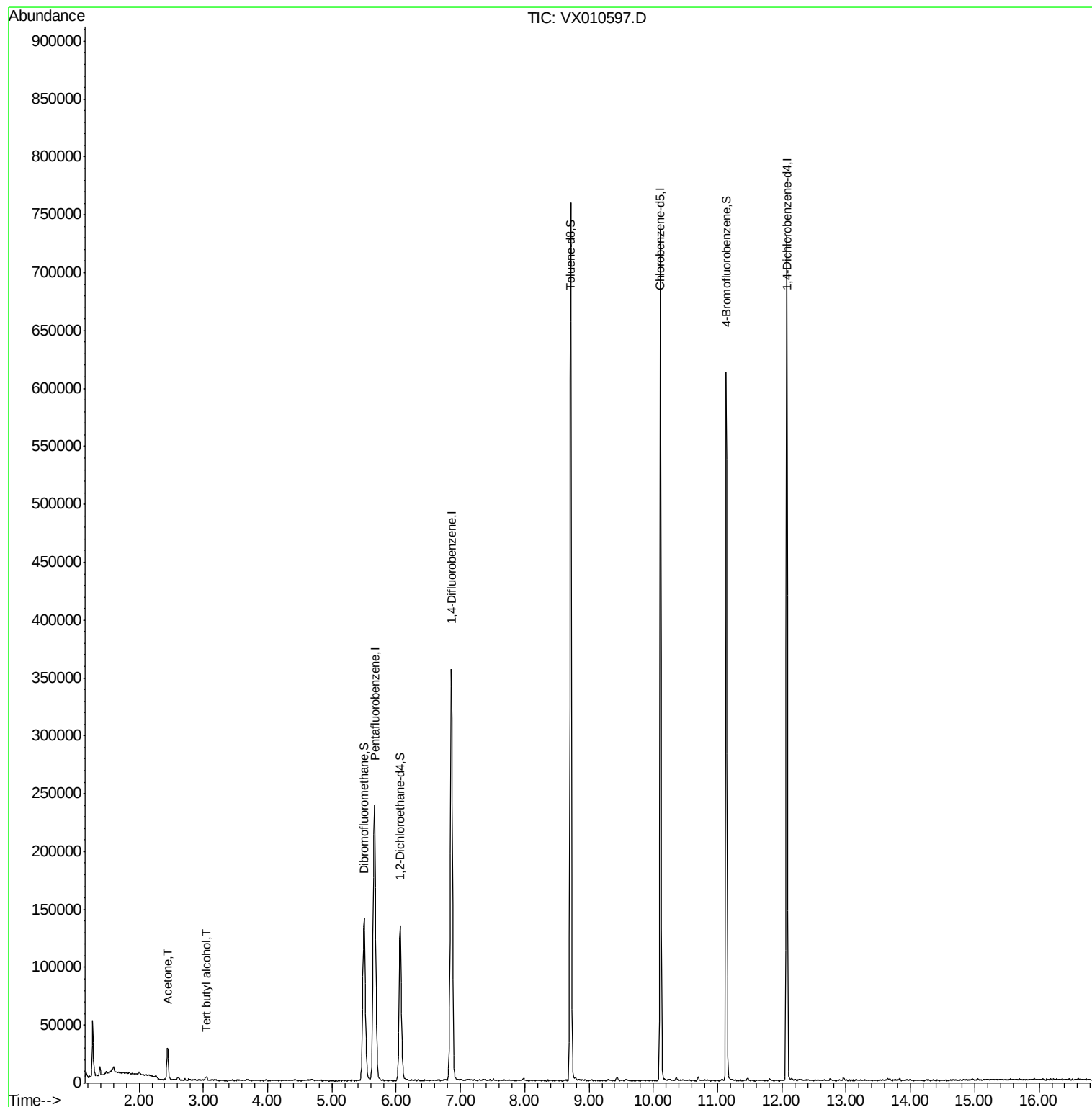
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121516	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	5.50	113	117006	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	8.71	98	454360	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	152960	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	3744	6.131	ug/l #	82
16) Acetone	2.44	43	29491	25.214	ug/l	100

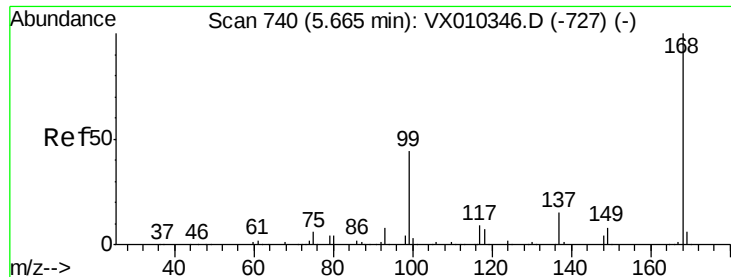
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010597.D

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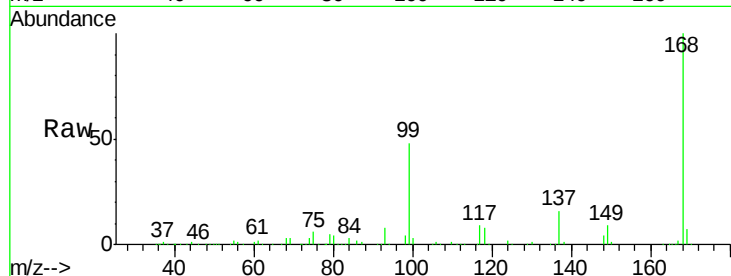
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

Tot Ion:168 Resp: 248908

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

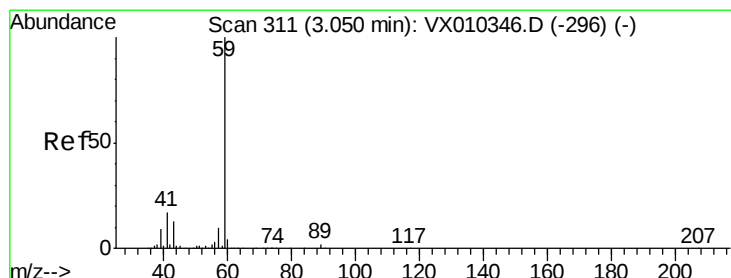
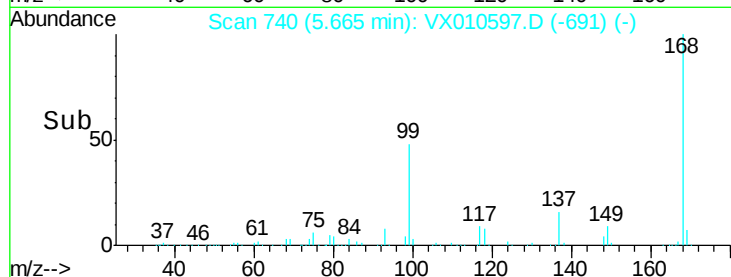
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.131 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010597.D

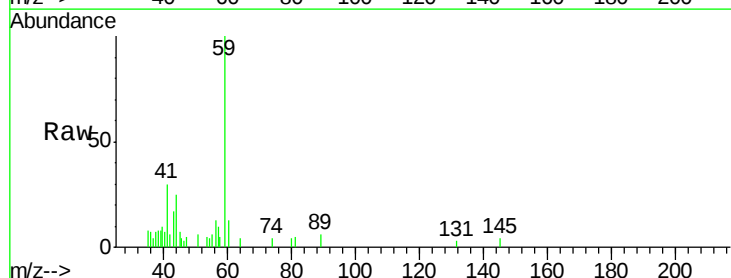
Acq: 01 Jul 2019 17:41

Tgt Ion: 59 Resp: 3744

Ion Ratio Lower Upper

59 100

57 16.1 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

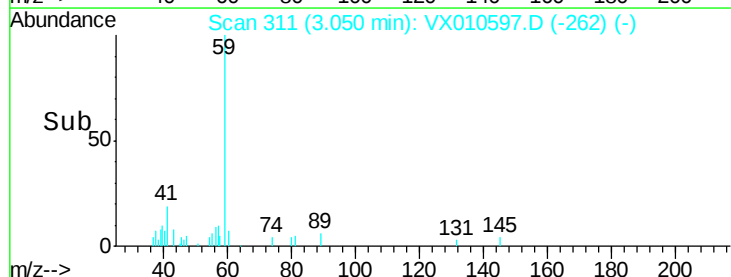
1500

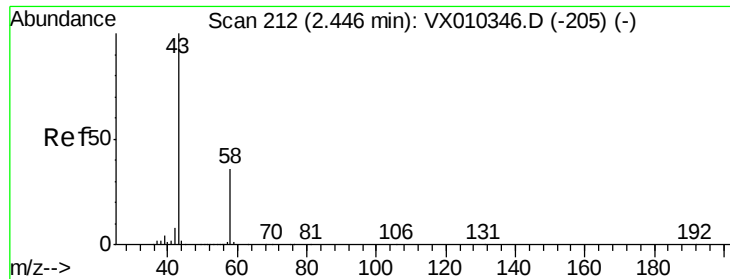
1000

500

0

Time--> 2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 25.214 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

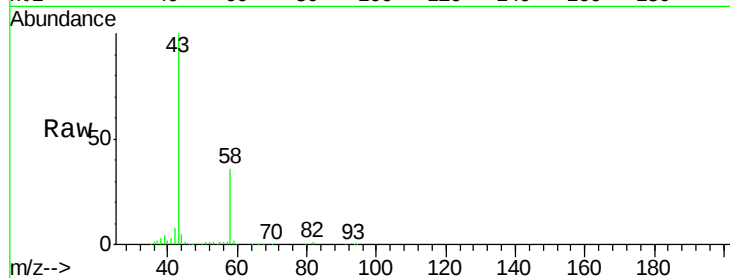
RM-WATER-COMP

Tot Ion: 43 Resp: 29491

Ion Ratio Lower Upper

43 100

58 36.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

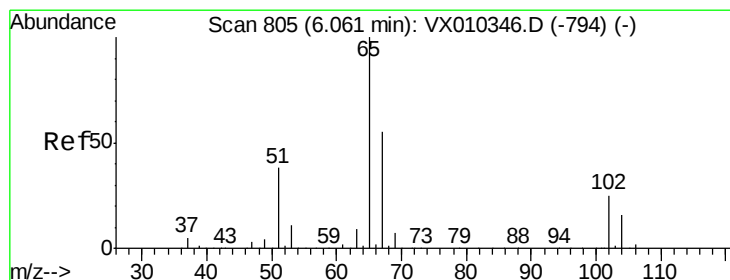
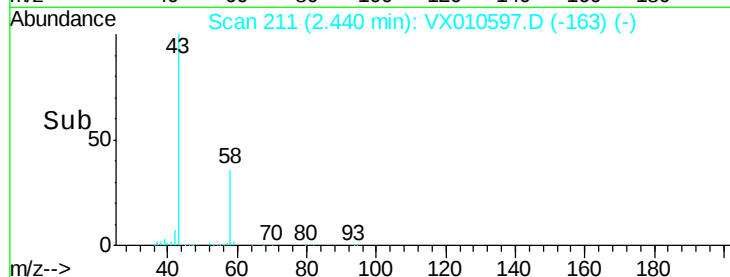
15000

10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#33

1,2-Dichloroethane-d4

Concen: 52.069 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010597.D

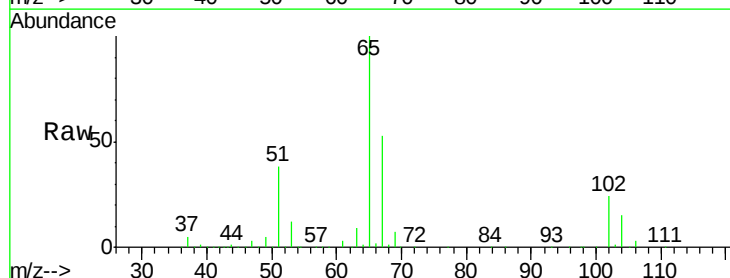
Acq: 01 Jul 2019 17:41

Tgt Ion: 65 Resp: 121516

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

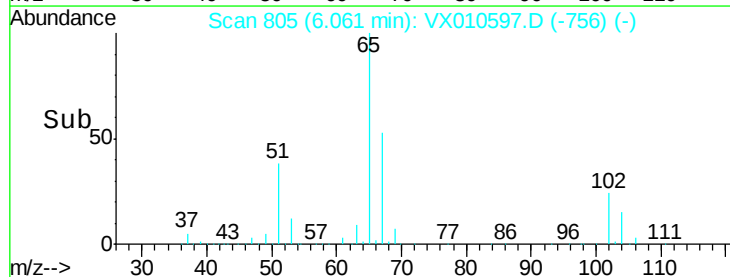
30000

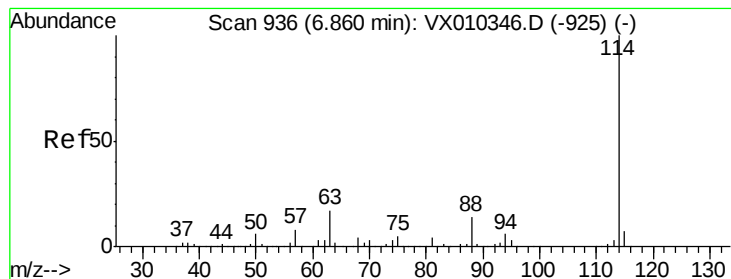
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

RM-WATER-COMP

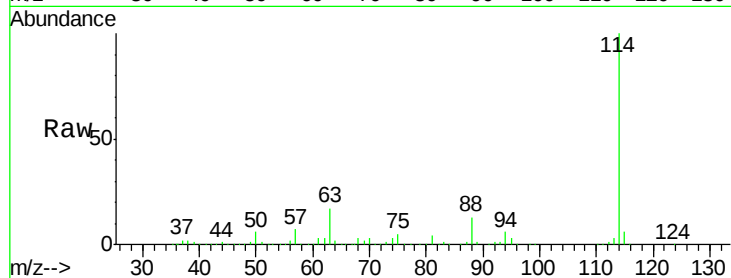
Tot Ion:114 Resp: 385914

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

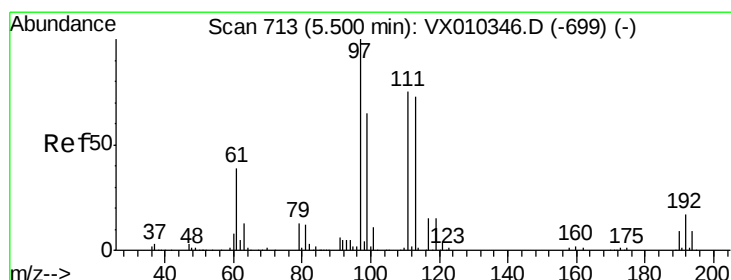
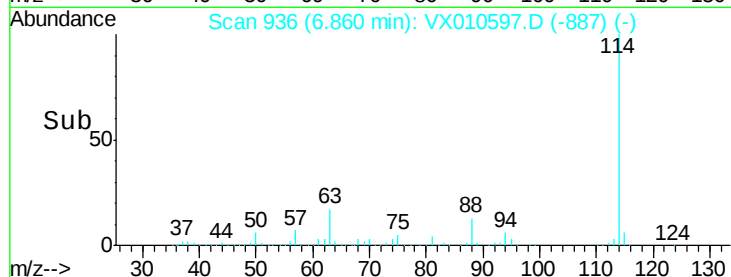
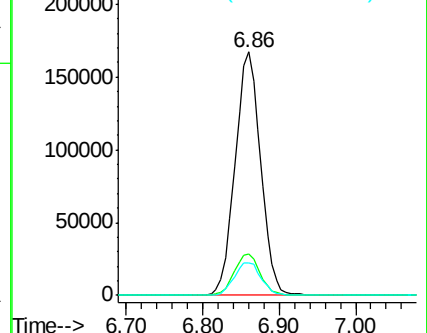
88 13.5 0.0 27.6



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: 49.554 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

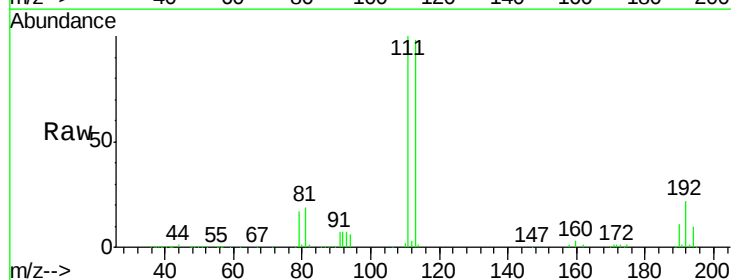
Tgt Ion:113 Resp: 117006

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

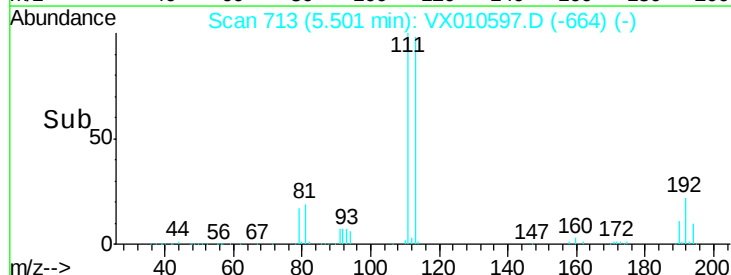
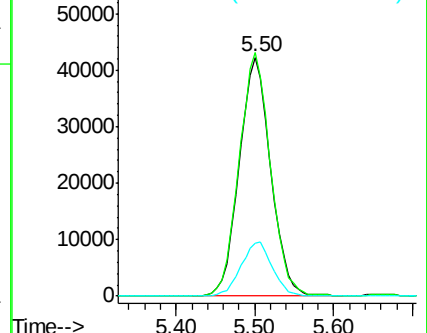
192 22.7 18.6 27.8

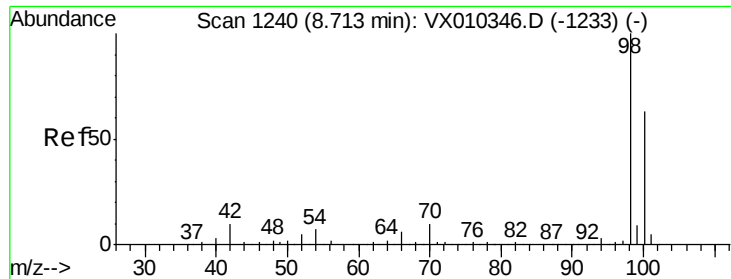


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

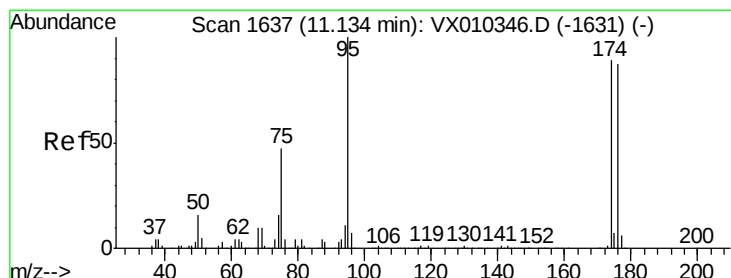
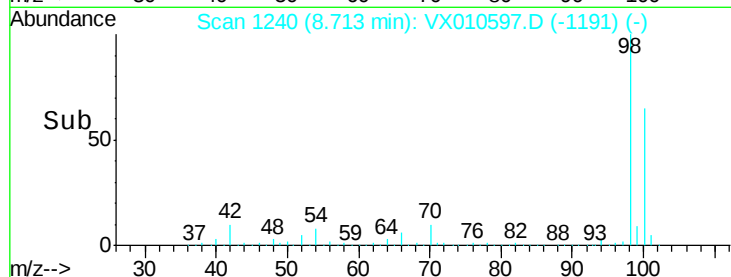
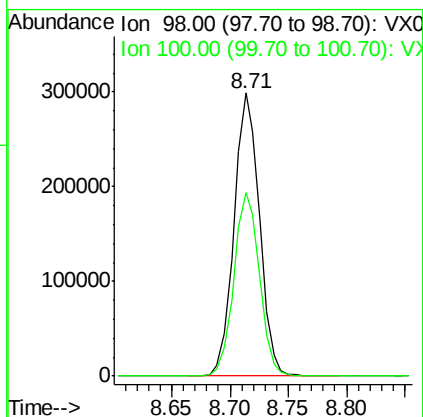
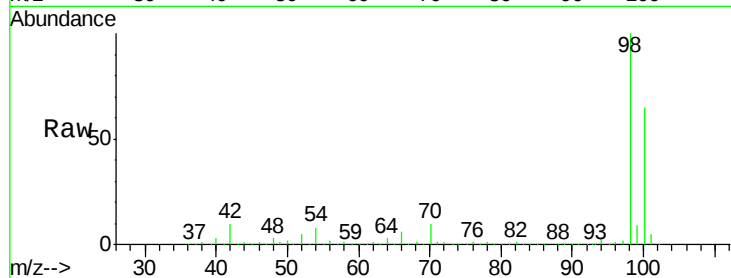




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

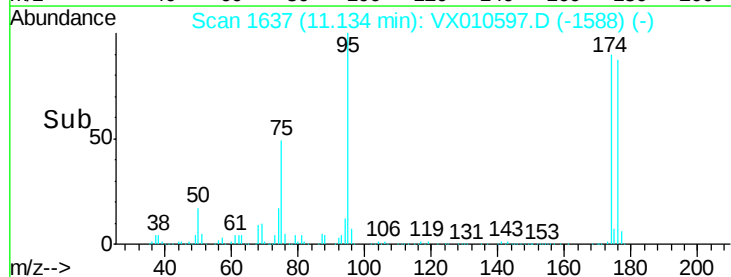
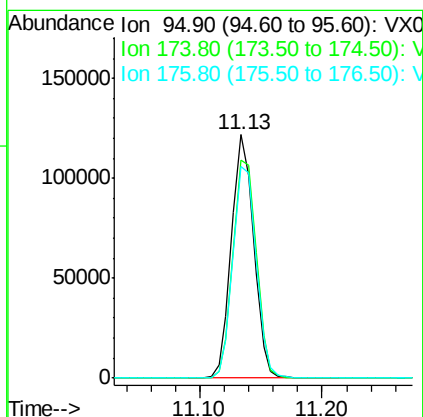
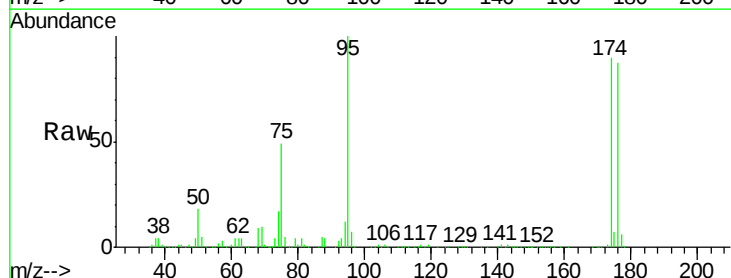
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

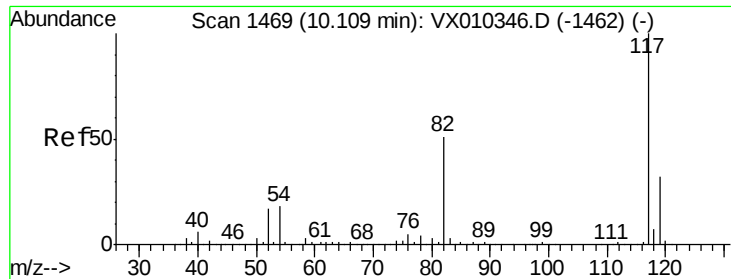
Tot Ion: 98 Resp: 454360
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.902 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

Tgt Ion: 95 Resp: 152960
Ion Ratio Lower Upper
95 100
174 94.3 0.0 187.6
176 91.1 0.0 184.0

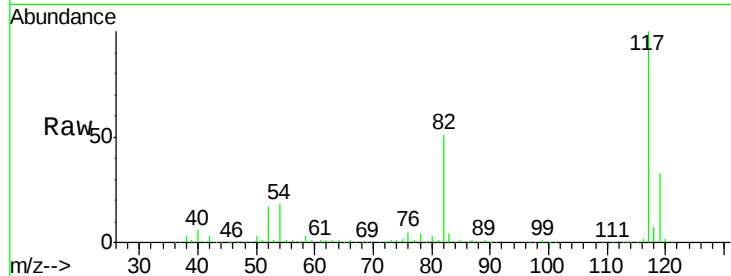




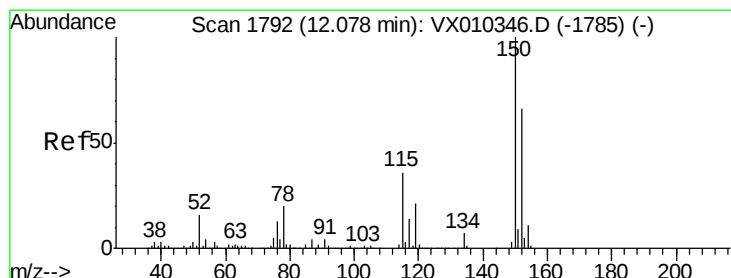
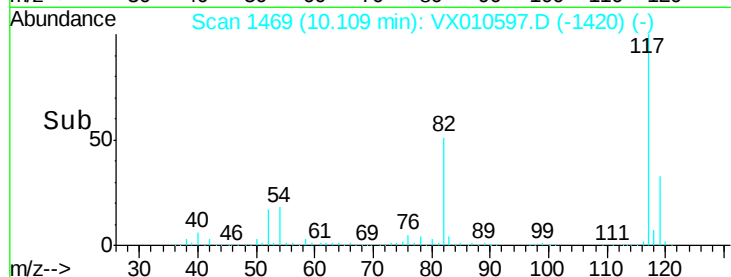
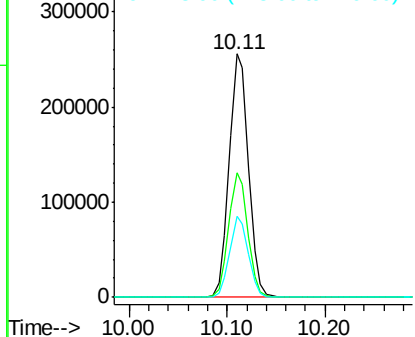
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

Tot Ion:117 Resp: 350098
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 33.3 25.5 38.3

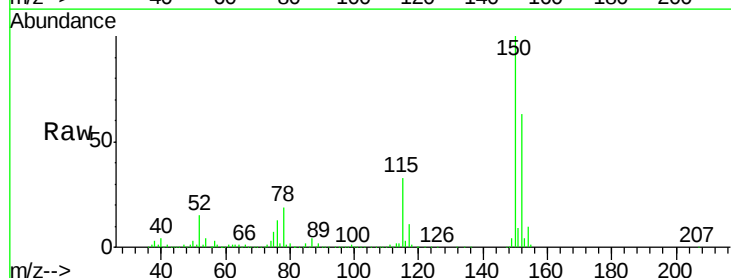


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

Tgt Ion:152 Resp: 160471
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 158.3 0.0 347.4



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

