

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010211.D
 Acq On : 11 Jun 2019 05:23
 Operator : JC/SP
 Sample : K3262-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Jun 11 08:48:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

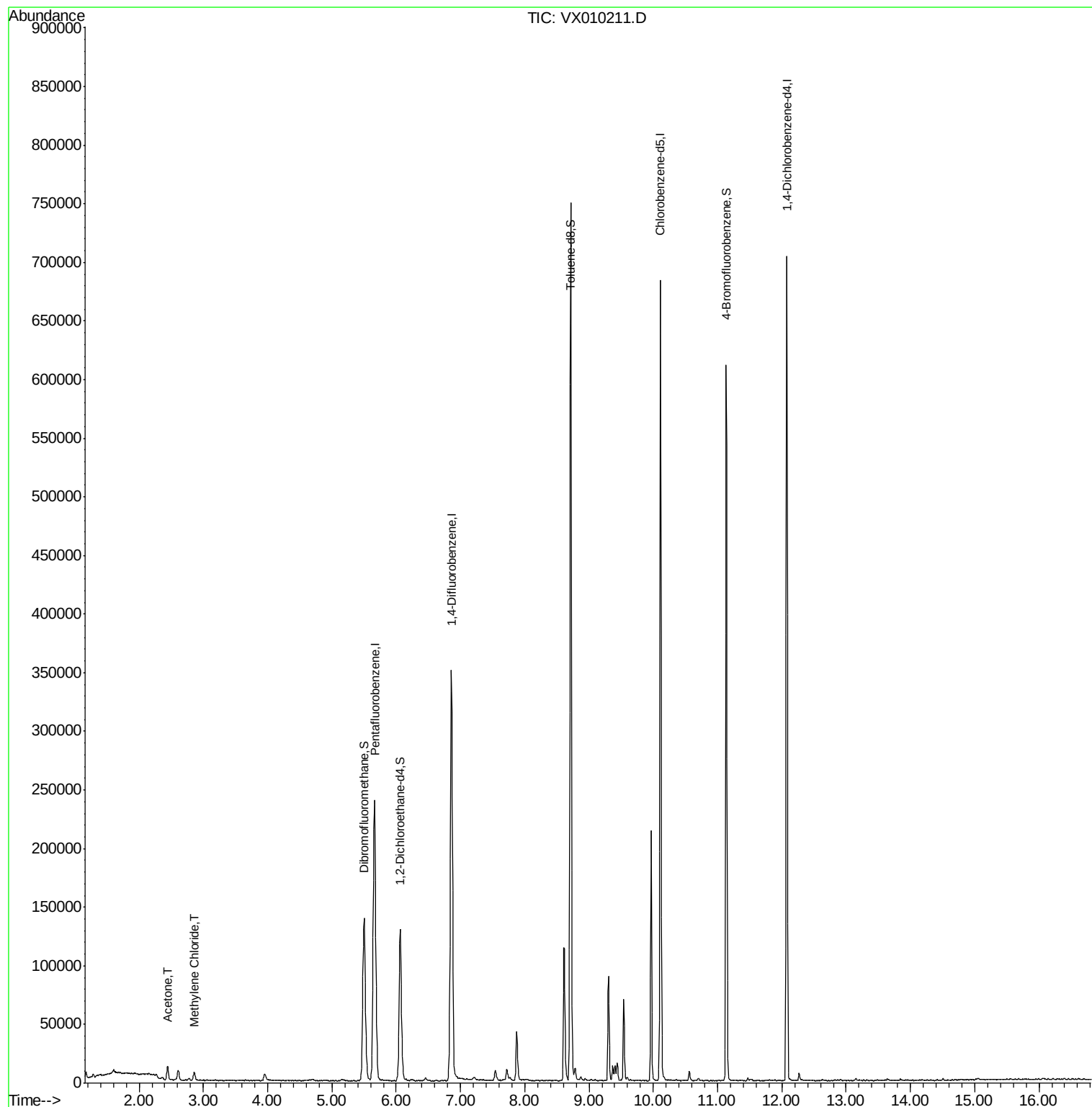
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115693	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	5.50	113	119088	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	456838	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	153668	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
16) Acetone	2.45	43	11140	9.416	ug/l	90
20) Methylene Chloride	2.86	84	3477	1.338	ug/l #	77

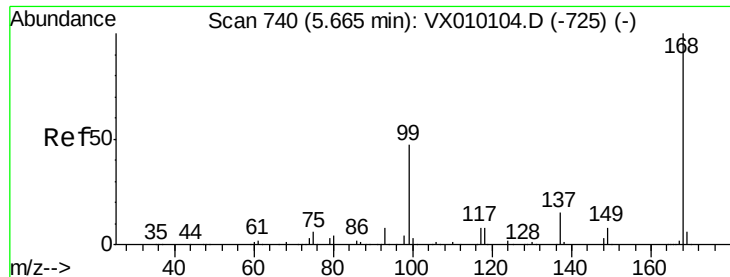
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010211.D

Acq: 11 Jun 2019 05:23

Instrument :

MSVOA_X

ClientSampleId :

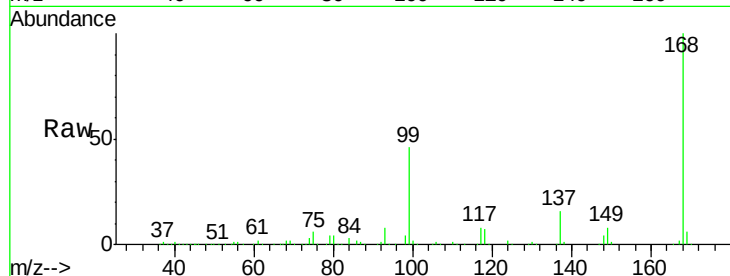
STOCK-PILE-1

Tot Ion:168 Resp: 257705

Ion Ratio Lower Upper

168 100

99 45.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

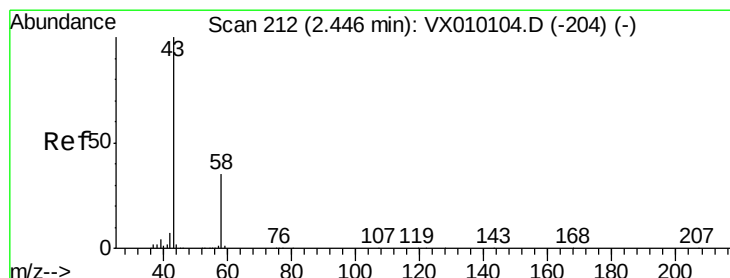
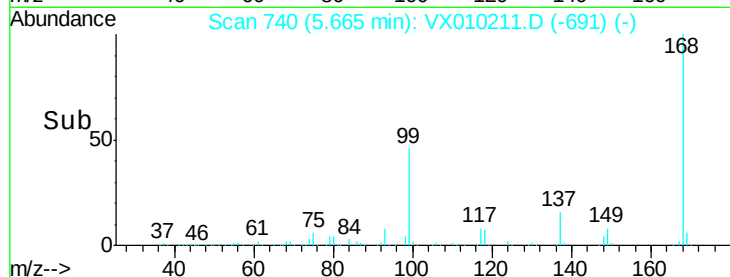
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.416 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010211.D

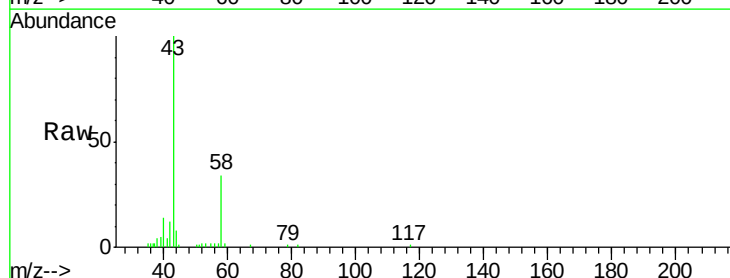
Acq: 11 Jun 2019 05:23

Tgt Ion: 43 Resp: 11140

Ion Ratio Lower Upper

43 100

58 34.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

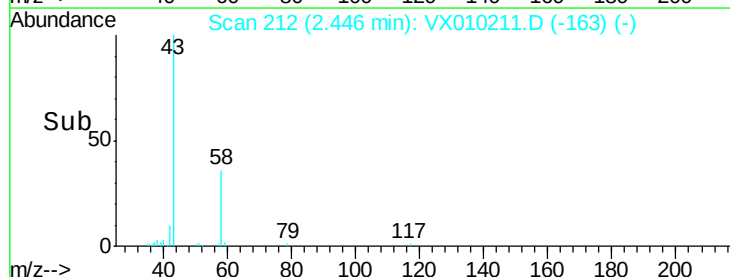
6000

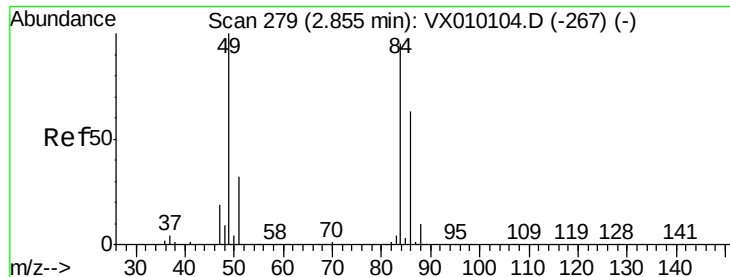
4000

2000

0

Time--> 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 1.338 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010211.D

Acq: 11 Jun 2019 05:23

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE-1

Tot Ion: 84 Resp: 3477

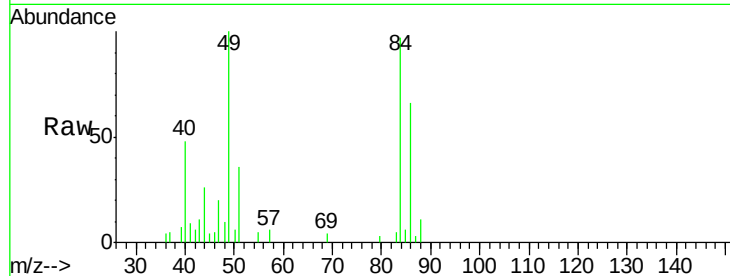
Ion Ratio Lower Upper

84 100

49 103.4 115.8 173.6#

51 37.4 34.4 51.6

86 67.8 49.7 74.5

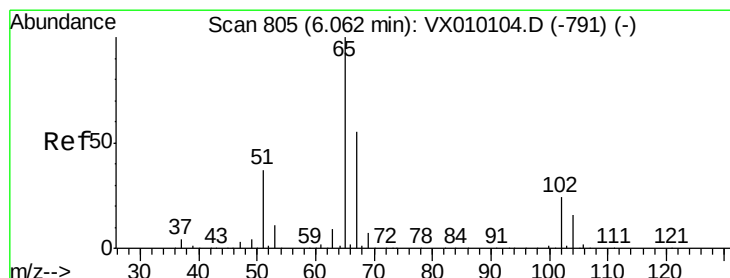
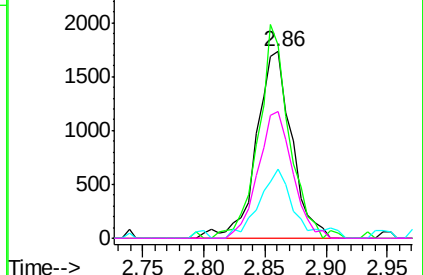
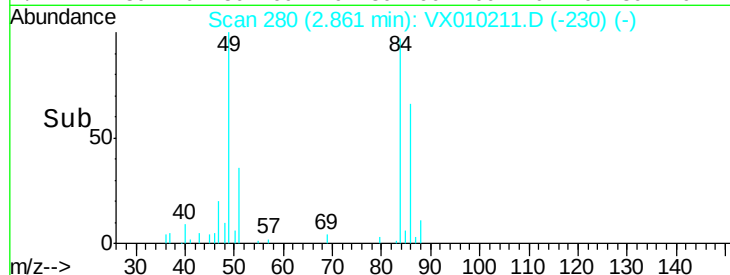


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.992 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010211.D

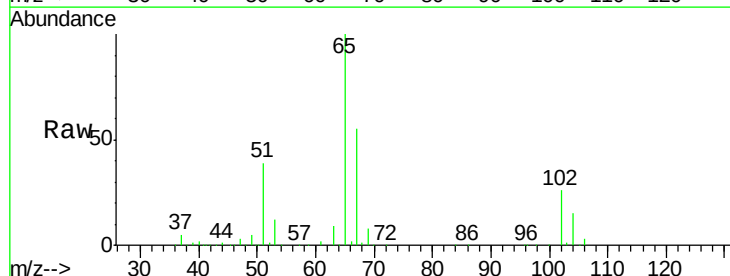
Acq: 11 Jun 2019 05:23

Tgt Ion: 65 Resp: 115693

Ion Ratio Lower Upper

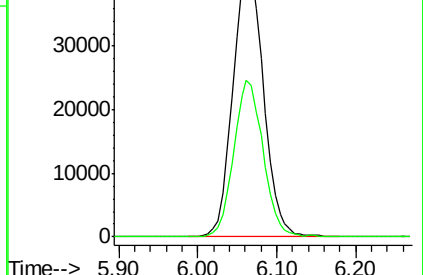
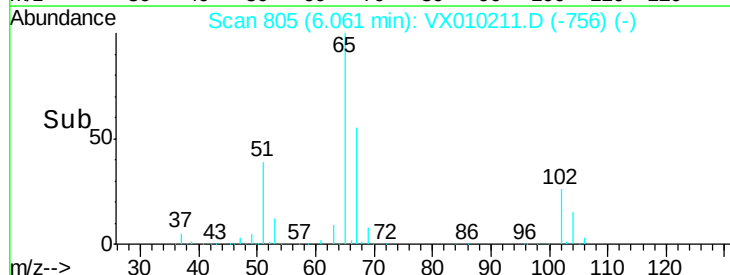
65 100

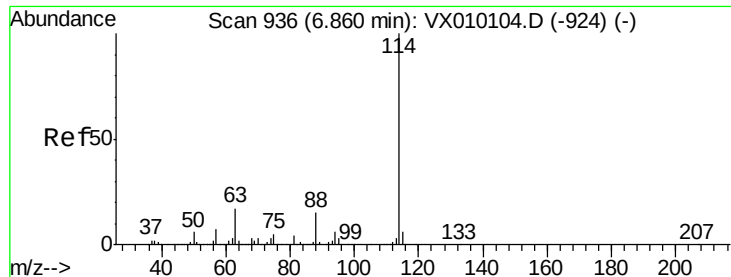
67 54.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010211.D

Acq: 11 Jun 2019 05:23

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE-1

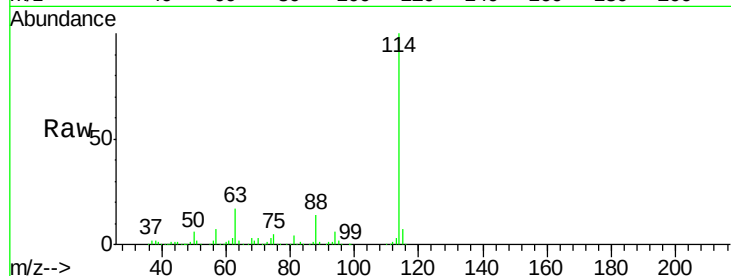
Tot Ion:114 Resp: 387587

Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

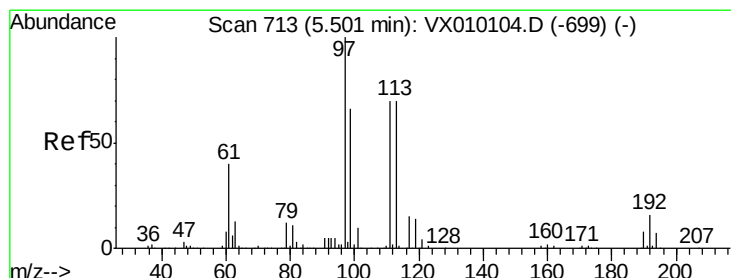
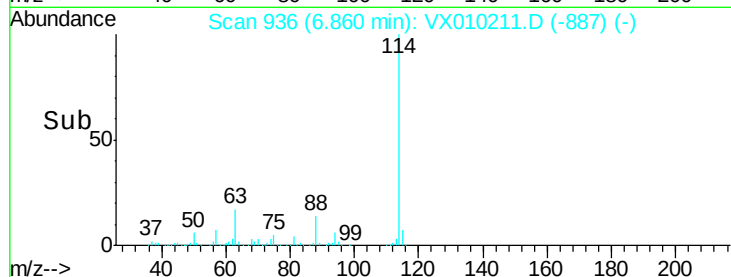
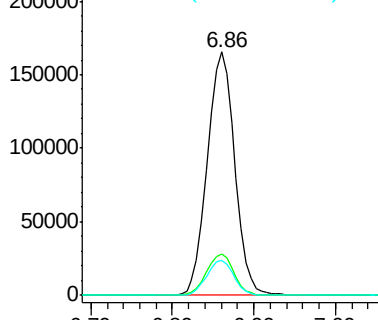
88 14.3 0.0 33.0



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: 49.812 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010211.D

Acq: 11 Jun 2019 05:23

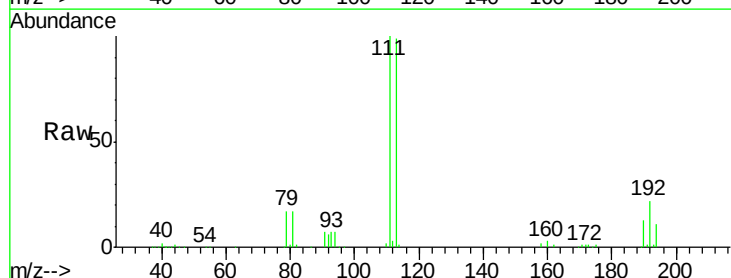
Tgt Ion:113 Resp: 119088

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

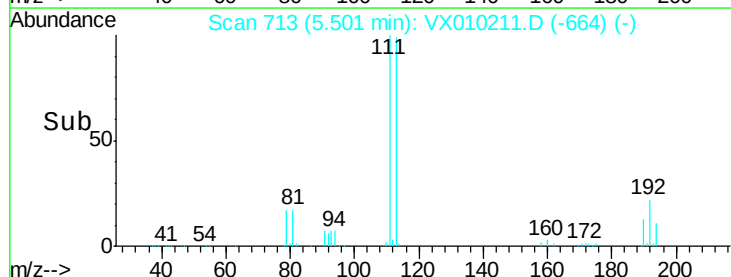
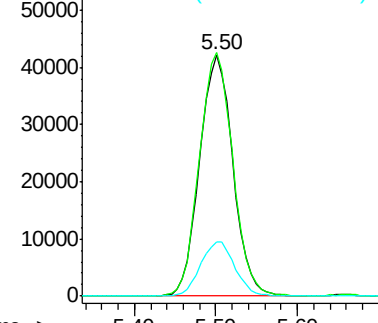
192 23.3 17.1 25.7

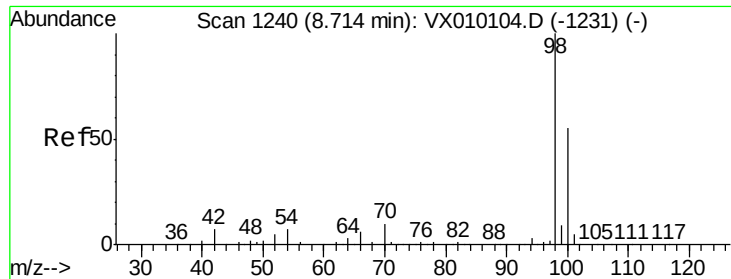


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

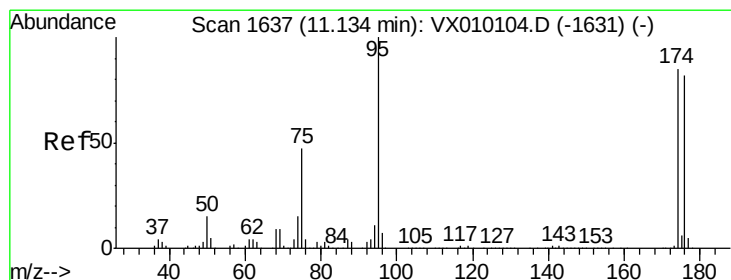
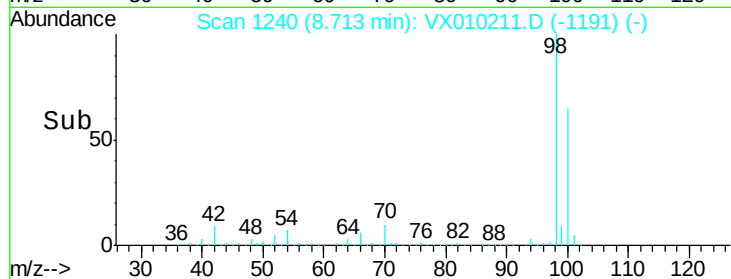
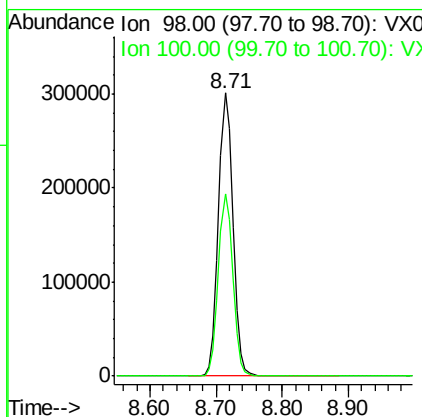
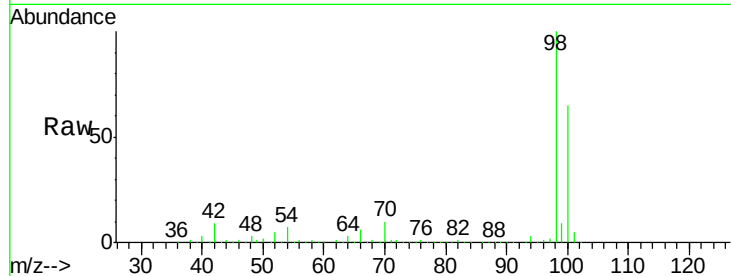




#50
Toluene-d8
Concen: 50.986 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010211.D
Acq: 11 Jun 2019 05:23

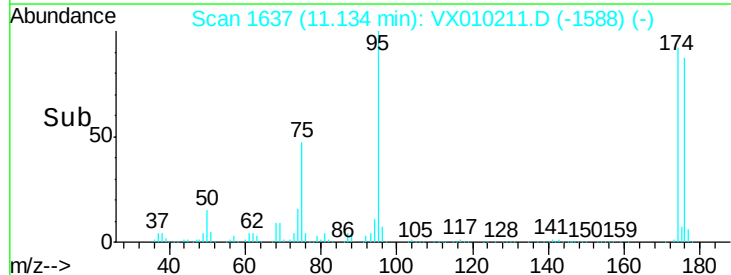
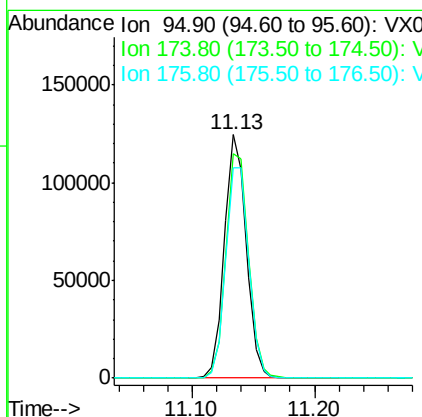
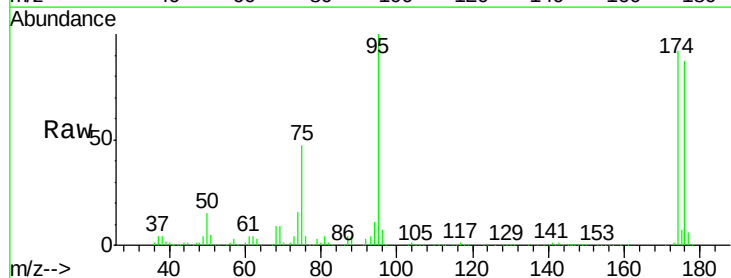
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE-1

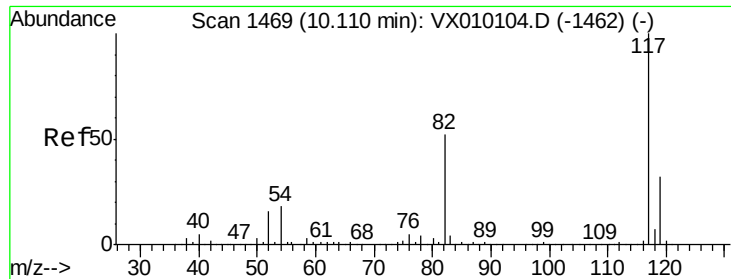
Tot Ion: 98 Resp: 456838
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.923 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010211.D
Acq: 11 Jun 2019 05:23

Tgt Ion: 95 Resp: 153668
Ion Ratio Lower Upper
95 100
174 95.8 0.0 160.4
176 91.8 0.0 154.6

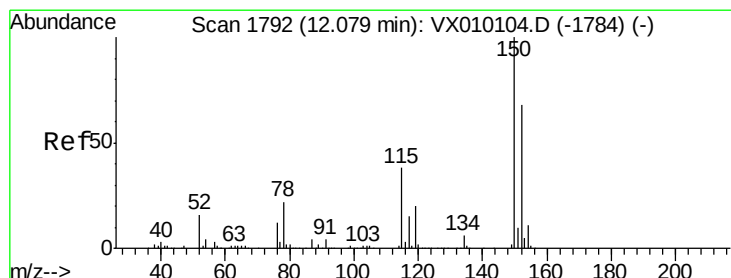
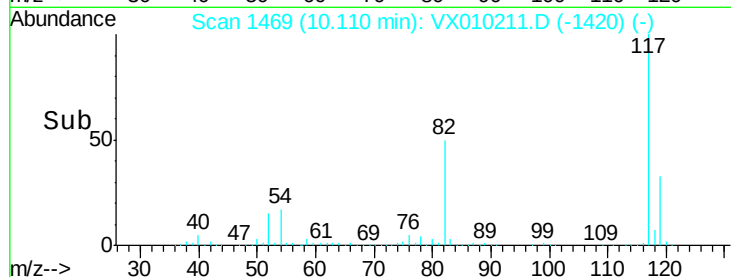
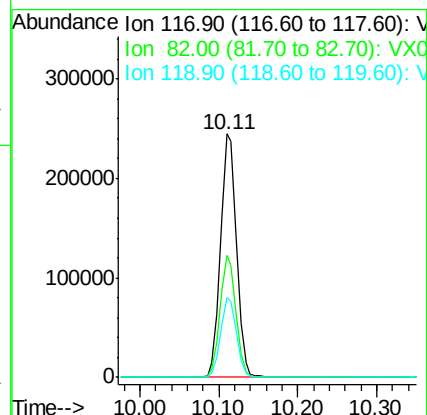
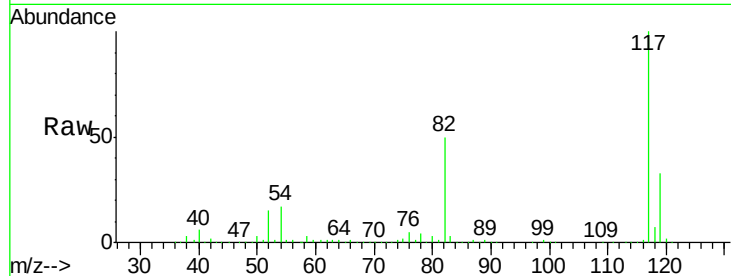




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010211.D
Acq: 11 Jun 2019 05:23

Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE-1

Tot Ion:117 Resp: 346769
Ion Ratio Lower Upper
117 100
82 50.2 49.2 73.8
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010211.D
Acq: 11 Jun 2019 05:23

Tgt Ion:152 Resp: 164423
Ion Ratio Lower Upper
152 100
115 52.7 41.4 124.2
150 155.2 0.0 345.2

