

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009104.D
 Acq On : 22 Apr 2019 17:55
 Operator : JC/SP
 Sample : K2522-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-1

Quant Time: Apr 23 04:25:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

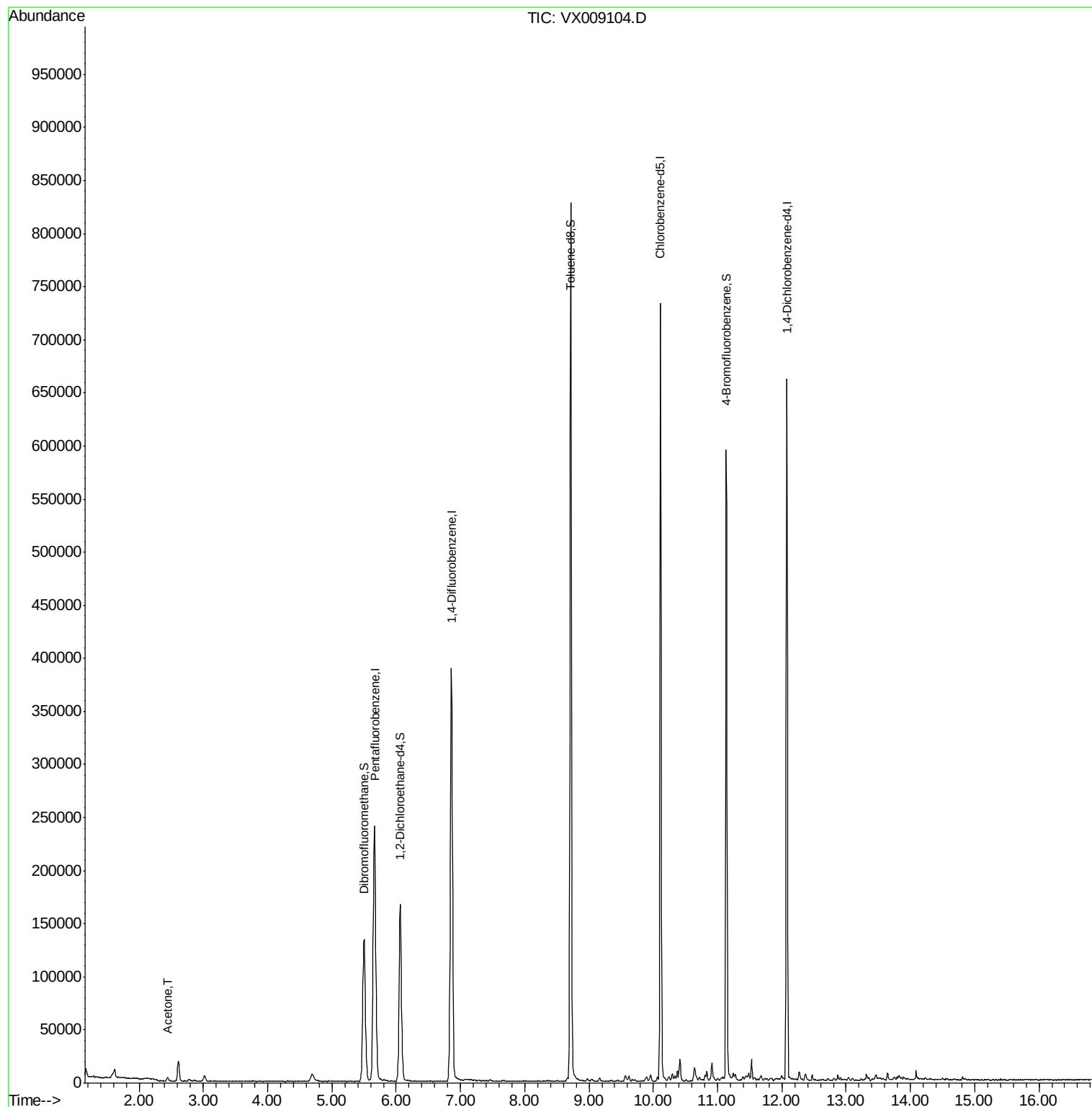
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	157309	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
35) Dibromofluoromethane	5.50	113	116157	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	478966	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	154873	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	2.45	43	3592	2.088	ug/l	Qvalue 97

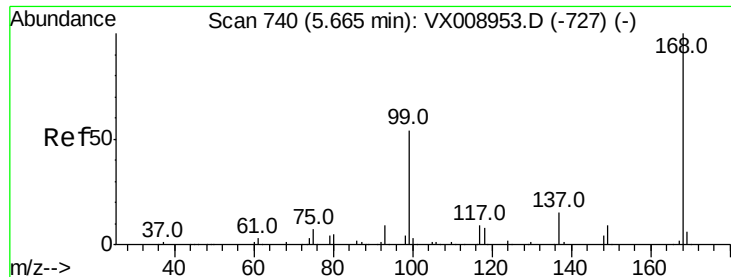
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009104.D

Acq: 22 Apr 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

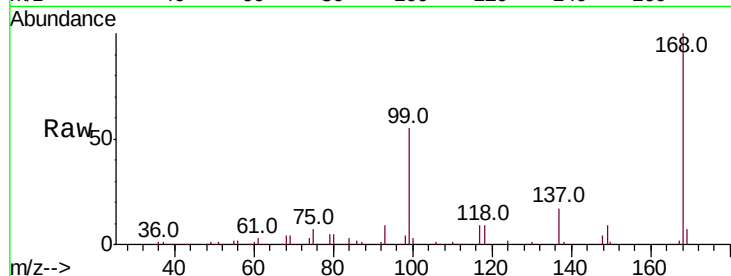
WELL-1

Tot Ion:168 Resp: 235425

Ion Ratio Lower Upper

168 100

99 55.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

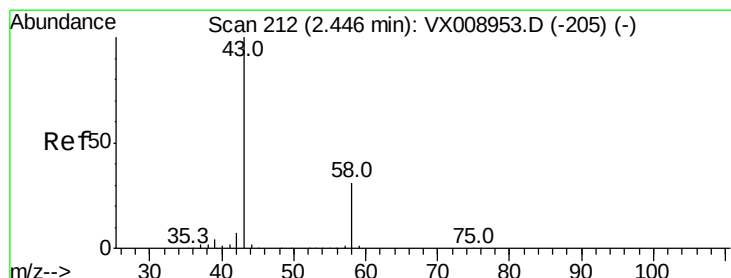
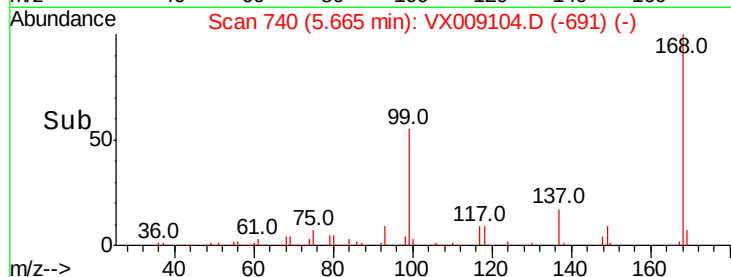
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.088 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009104.D

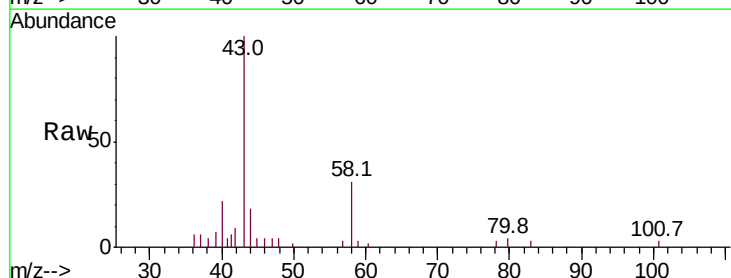
Acq: 22 Apr 2019 17:55

Tgt Ion: 43 Resp: 3592

Ion Ratio Lower Upper

43 100

58 32.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

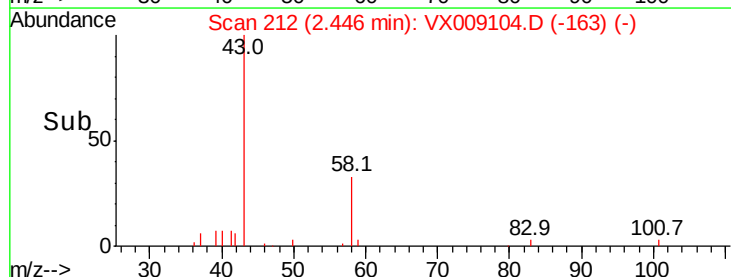
1500

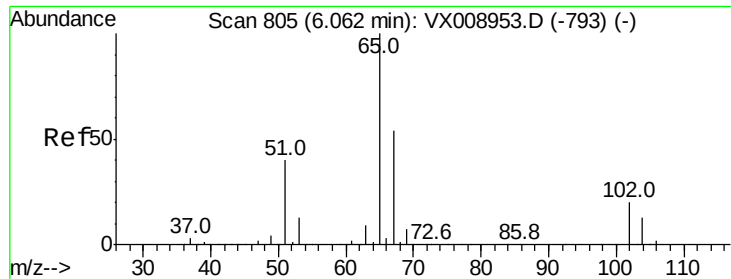
1000

500

0

Time--> 2.40 2.45 2.50

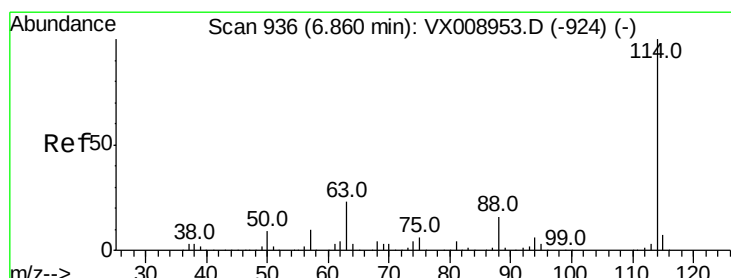
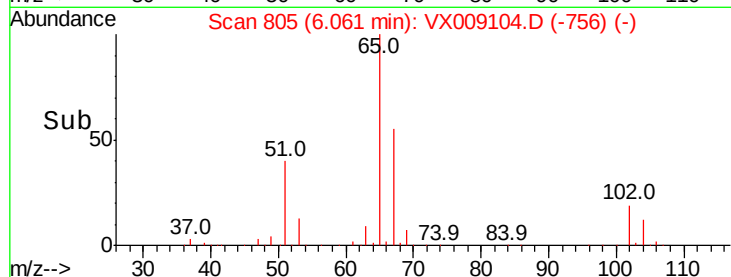
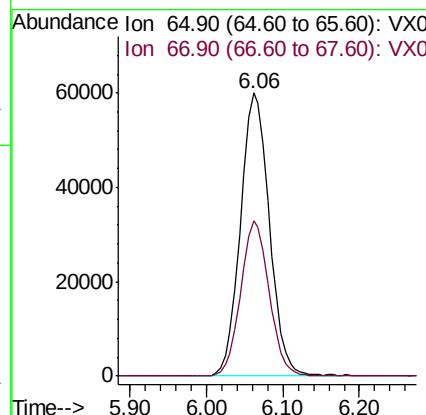
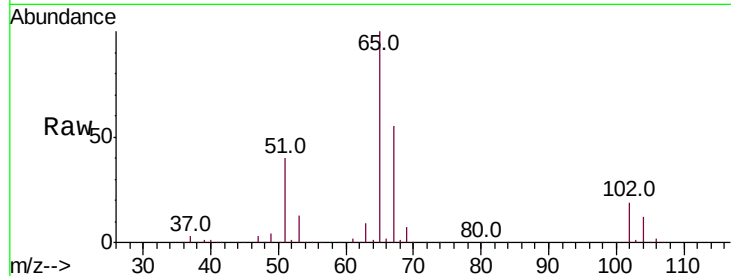




#33
 1,2-Dichloroethane-d4
 Concen: 47.414 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009104.D
 Acq: 22 Apr 2019 17:55

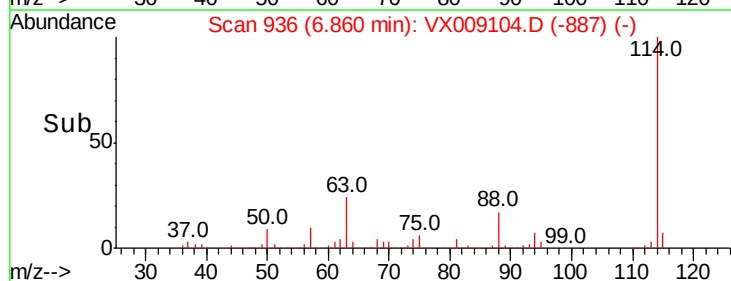
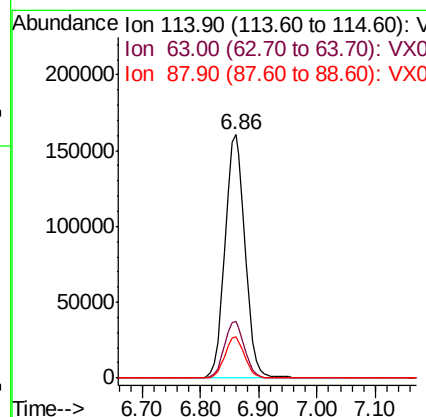
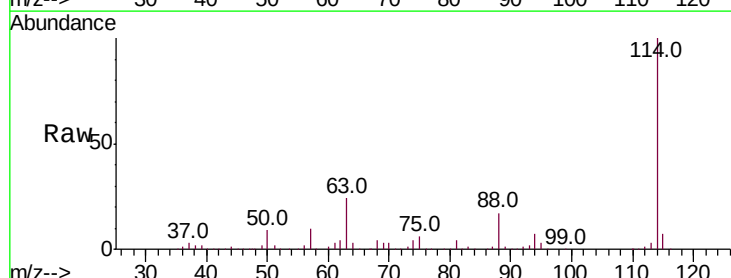
Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-1

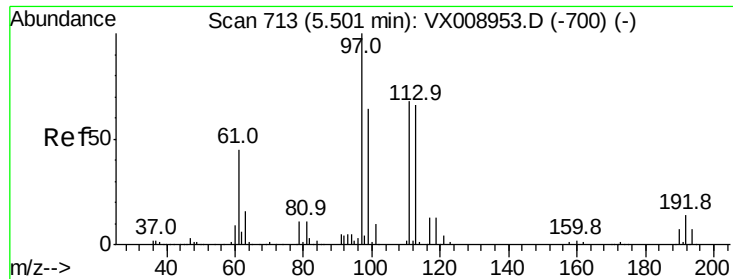
Tot Ion: 65 Resp: 157309
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009104.D
 Acq: 22 Apr 2019 17:55

Tgt Ion: 114 Resp: 382551
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.0
 88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.312 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009104.D

Acq: 22 Apr 2019 17:55

Instrument :

MSVOA_X

ClientSampled :

WELL-1

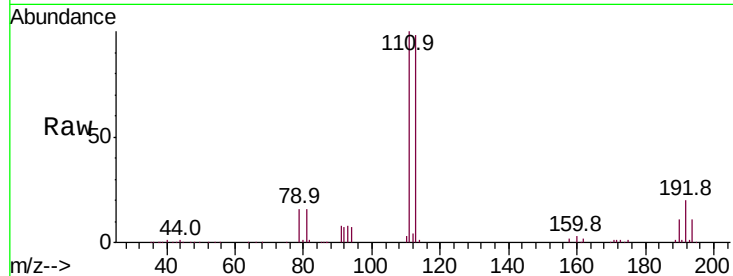
Tot Ion:113 Resp: 116157

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

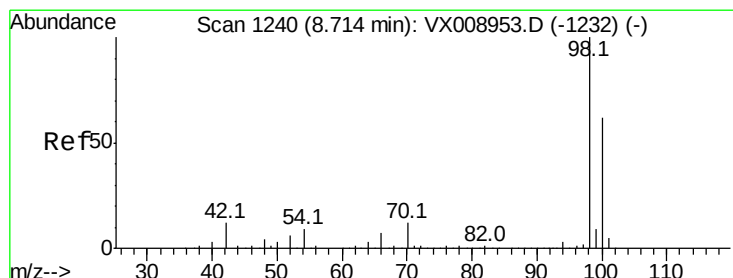
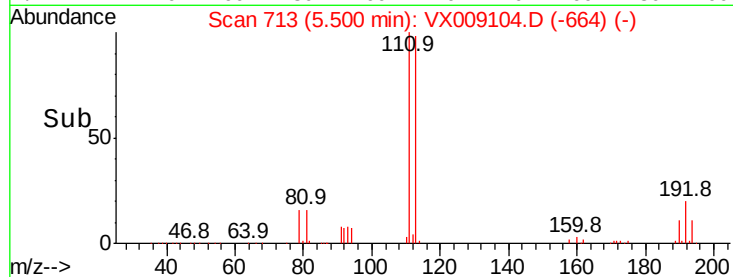
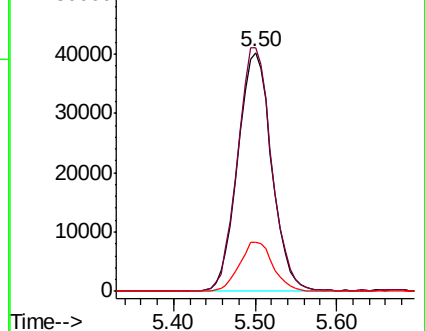
192 20.6 17.4 26.0



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: 48.918 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009104.D

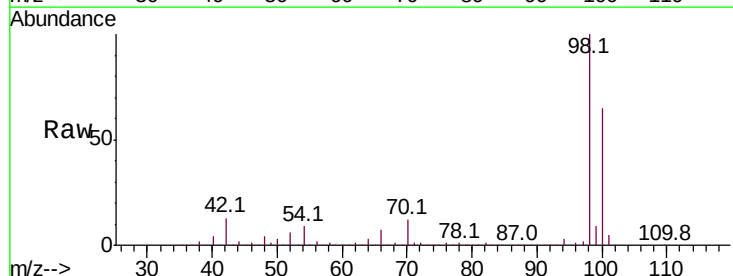
Acq: 22 Apr 2019 17:55

Tgt Ion: 98 Resp: 478966

Ion Ratio Lower Upper

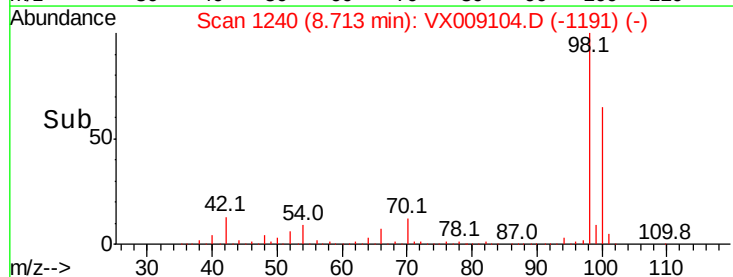
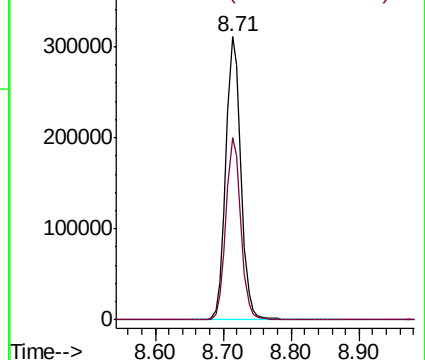
98 100

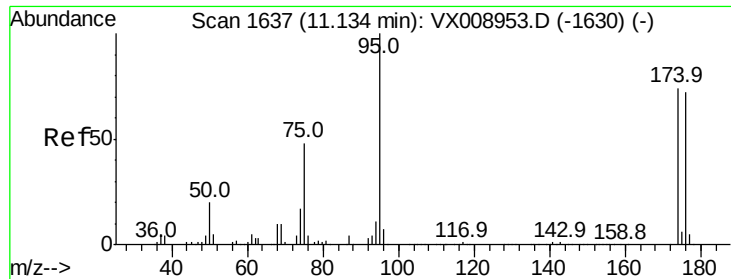
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.809 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009104.D

Acq: 22 Apr 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

WELL-1

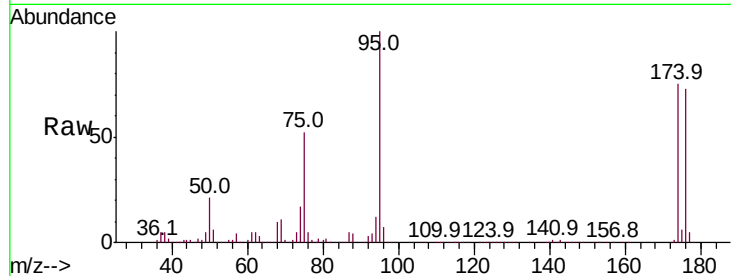
Tot Ion: 95 Resp: 154873

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

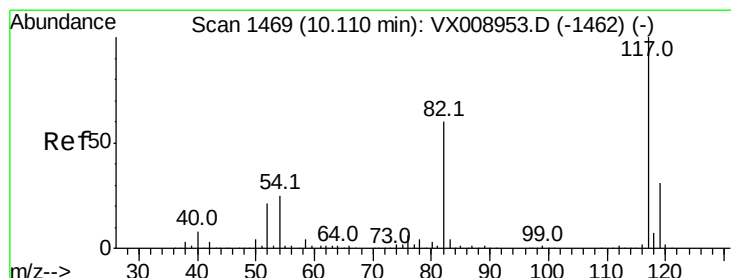
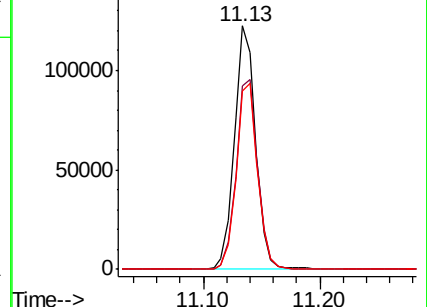
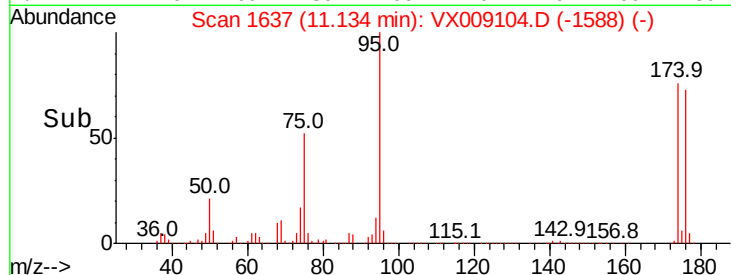
176 76.8 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009104.D

Acq: 22 Apr 2019 17:55

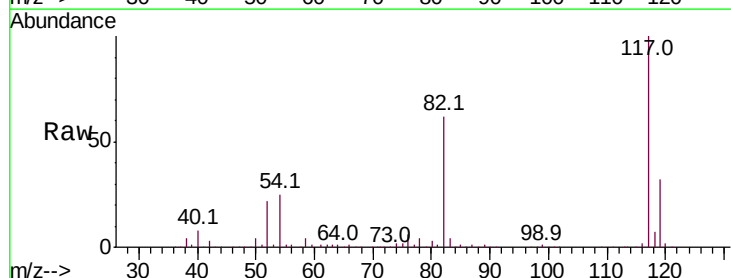
Tgt Ion: 117 Resp: 328063

Ion Ratio Lower Upper

117 100

82 61.9 48.2 72.4

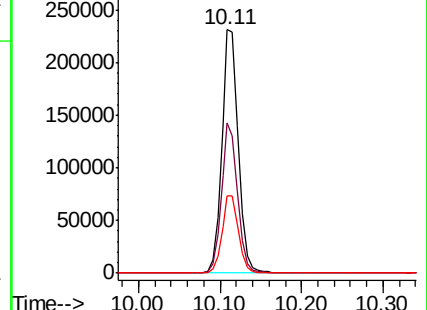
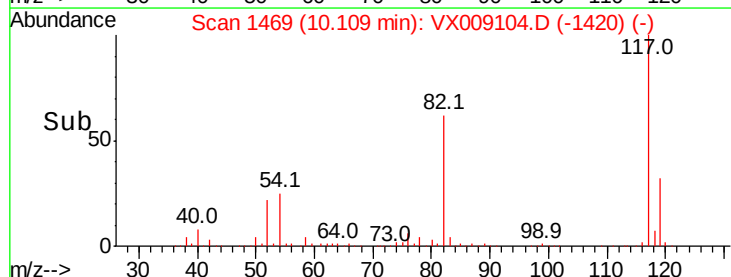
119 32.0 25.0 37.6

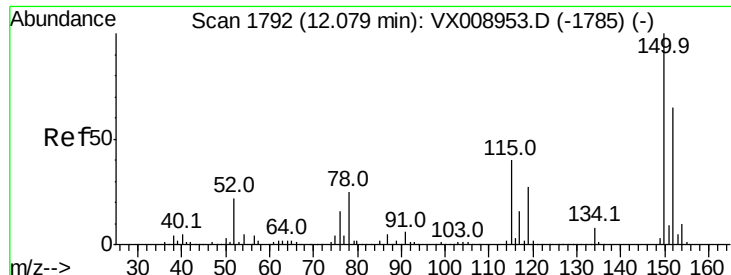


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009104.D

Acq: 22 Apr 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

WELL-1

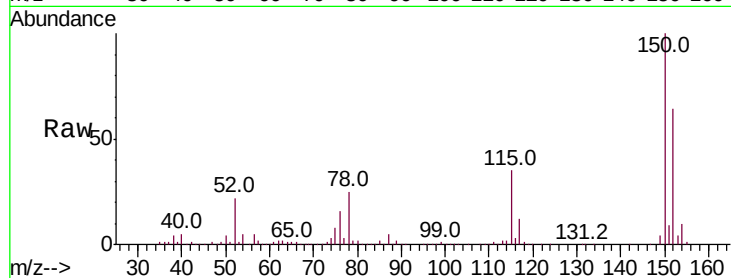
Tot Ion:152 Resp: 133992

Ion Ratio Lower Upper

152 100

115 57.7 41.4 124.2

150 155.6 0.0 349.8



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

