

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008892.D
 Acq On : 12 Apr 2019 17:27
 Operator : JC/SP
 Sample : K2366-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW045-20190410

Quant Time: Apr 13 05:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

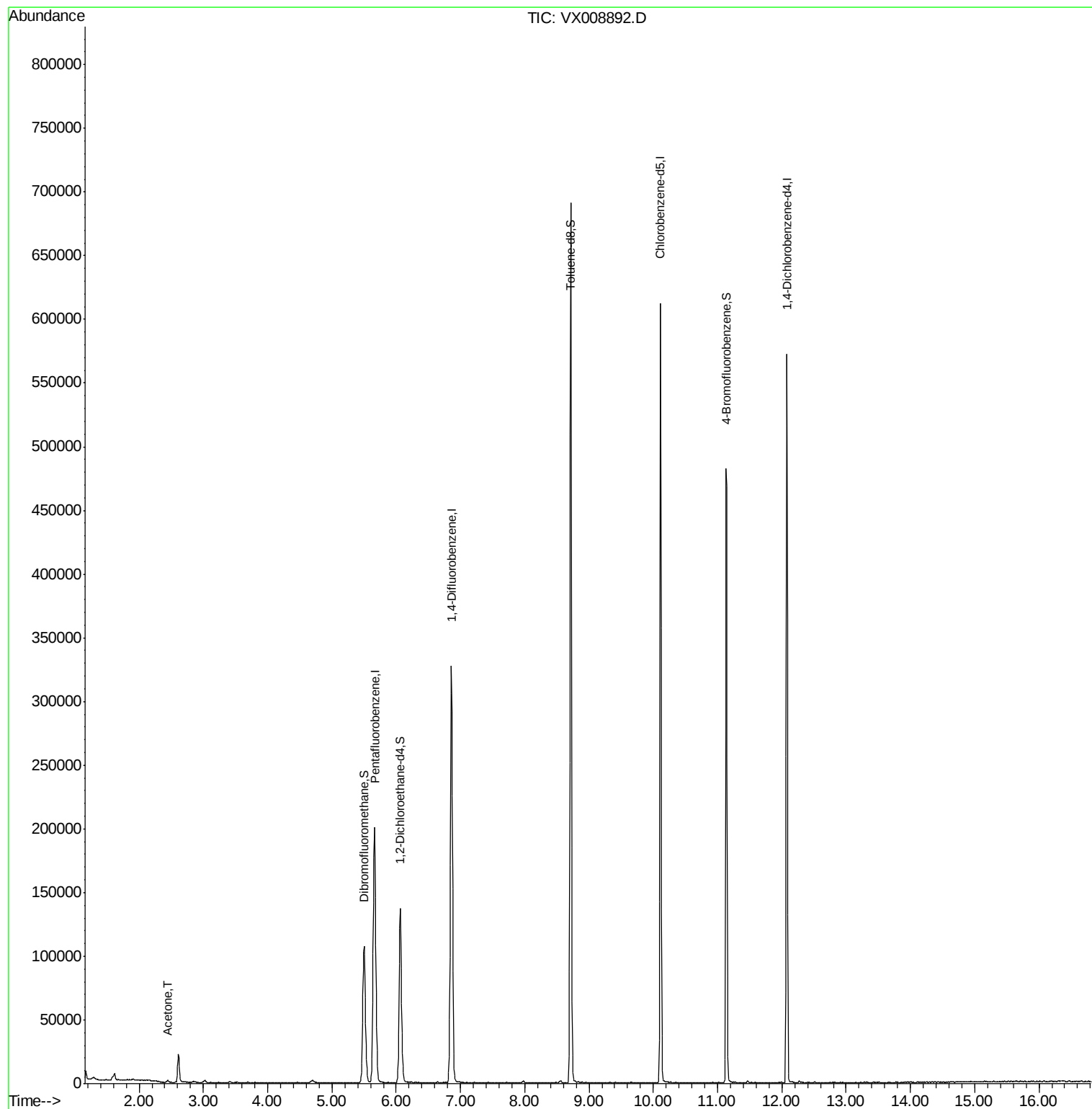
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128362	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	5.50	113	94385	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	392884	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	129846	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	2.45	43	2071	1.265	ug/l	Qvalue 98

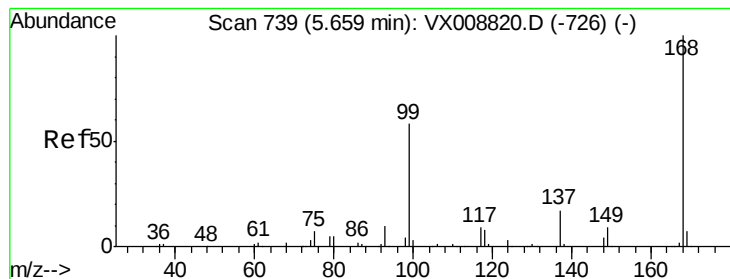
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008892.D

Acq: 12 Apr 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

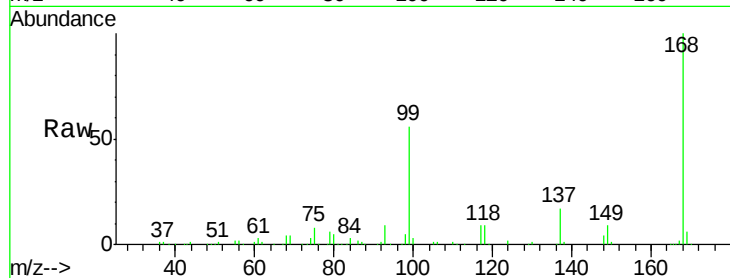
FC-MW045-20190410

Tgt Ion:168 Resp: 194810

Ion Ratio Lower Upper

168 100

99 55.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

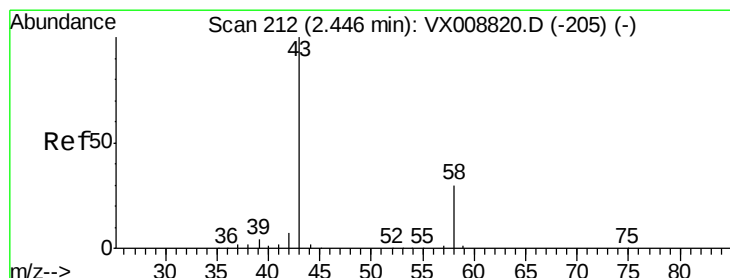
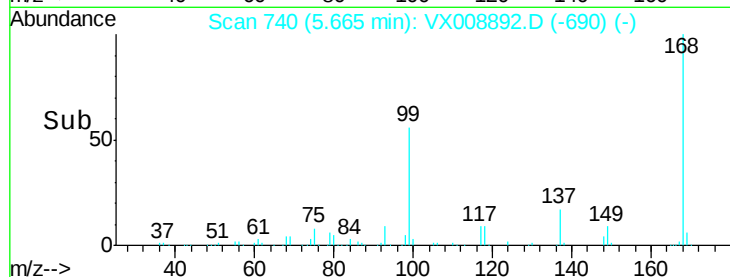
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.265 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008892.D

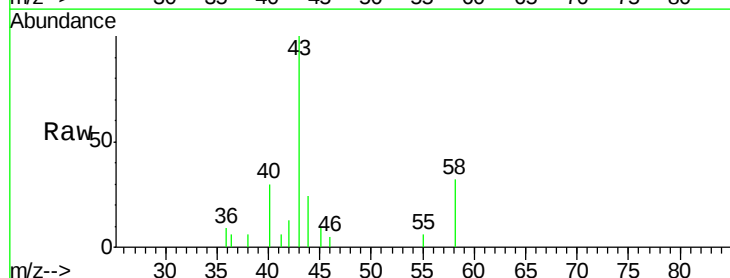
Acq: 12 Apr 2019 17:27

Tgt Ion: 43 Resp: 2071

Ion Ratio Lower Upper

43 100

58 32.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1200

1000

800

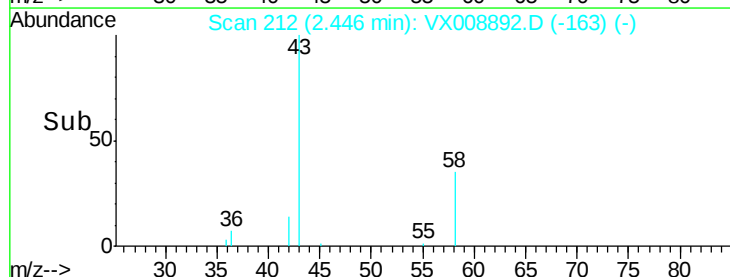
600

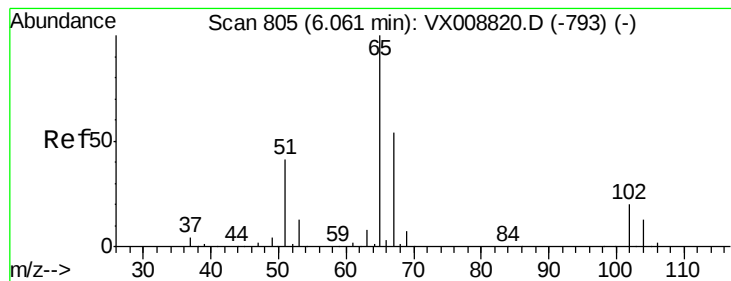
400

200

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 45.175 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008892.D

Acq: 12 Apr 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

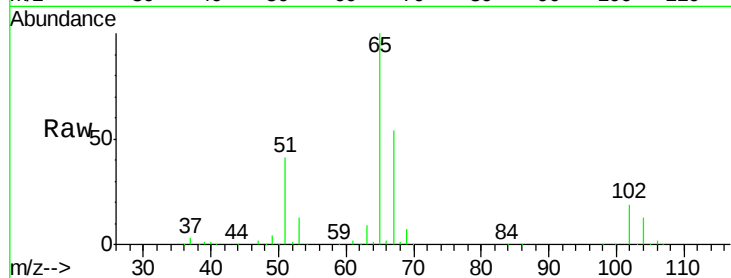
FC-MW045-20190410

Tgt Ion: 65 Resp: 128362

Ion Ratio Lower Upper

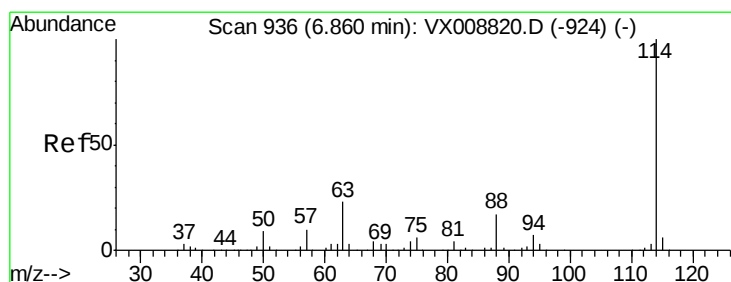
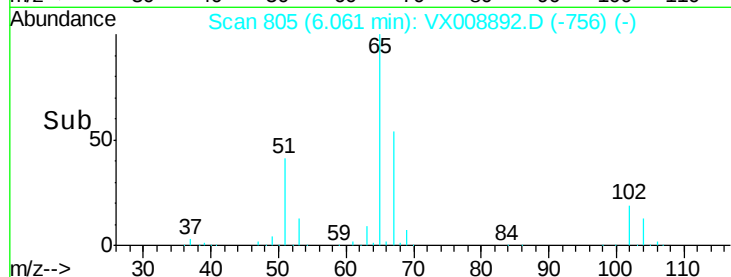
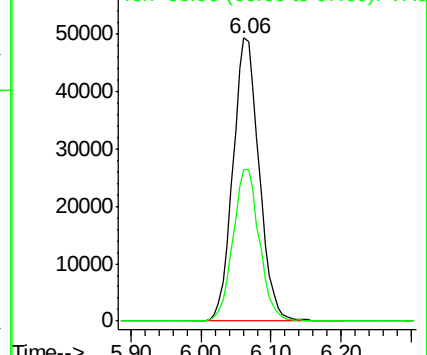
65 100

67 54.0 0.0 107.2



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: VX008892.D

Acq: 12 Apr 2019 17:27

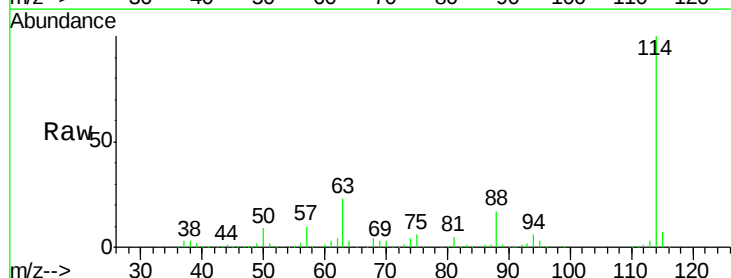
Tgt Ion: 114 Resp: 313717

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

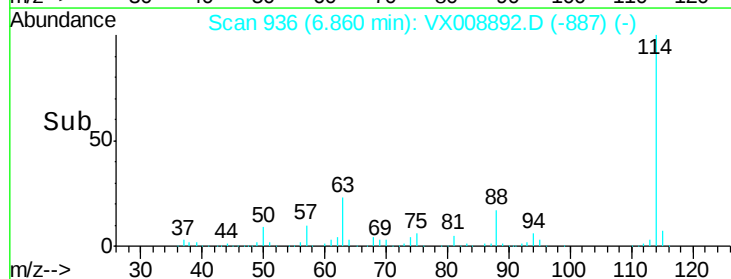
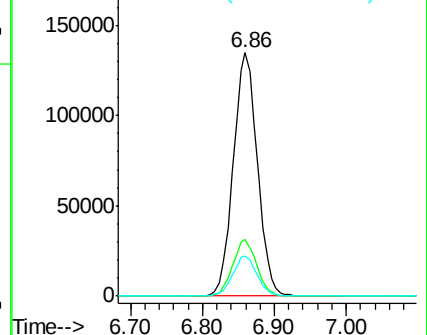
88 16.6 0.0 34.0

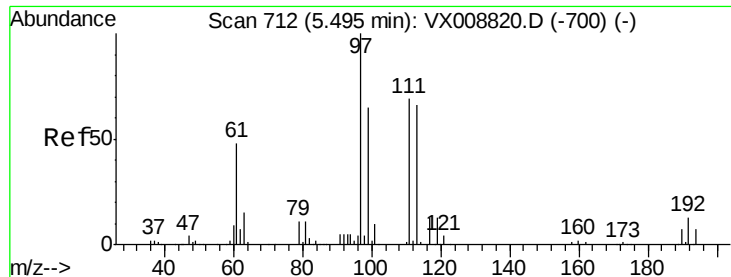


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

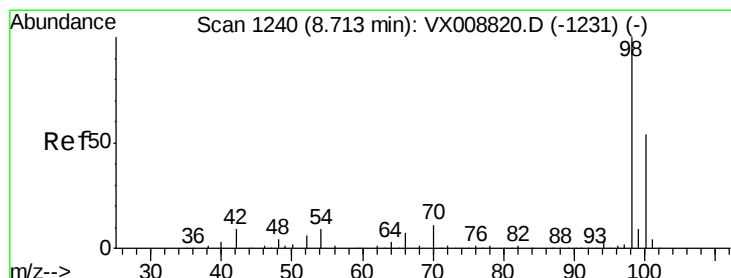
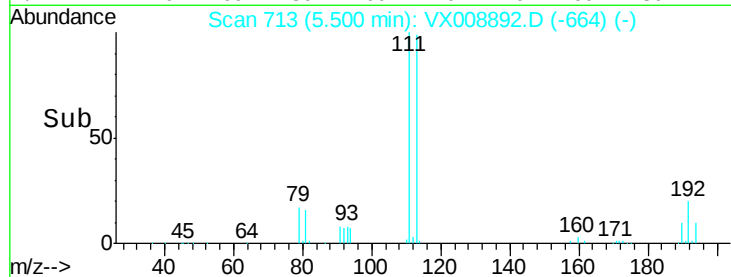
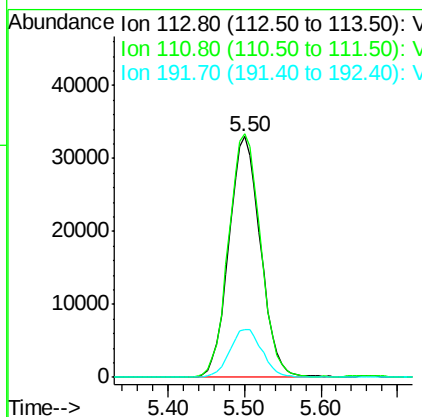
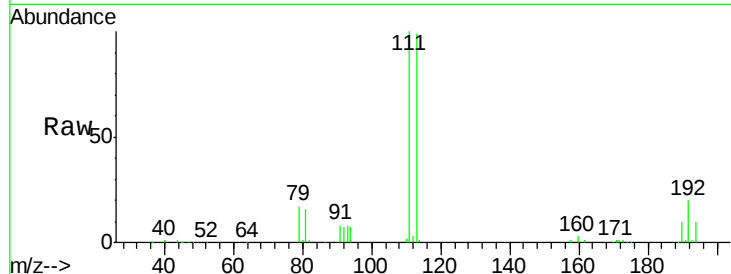




#35
 Dibromofluoromethane
 Concen: 47.056 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008892.D
 Acq: 12 Apr 2019 17:27

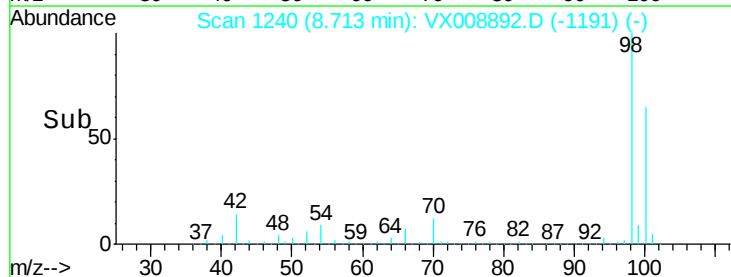
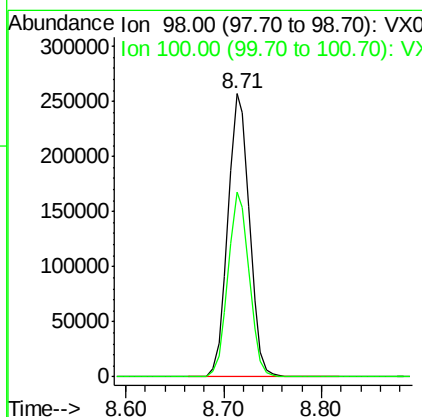
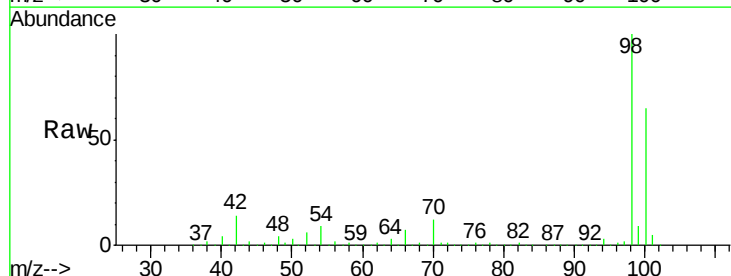
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW045-20190410

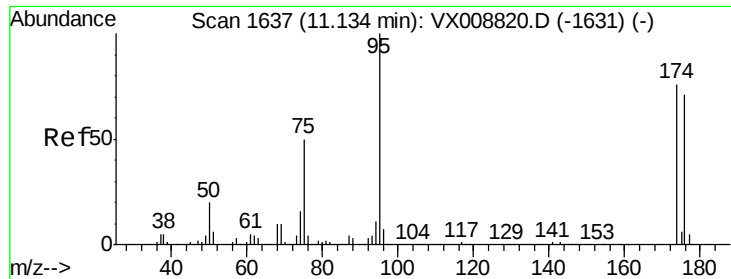
Tgt Ion:113 Resp: 94385
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 20.6 16.1 24.1



#50
 Toluene-d8
 Concen: 49.193 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008892.D
 Acq: 12 Apr 2019 17:27

Tgt Ion: 98 Resp: 392884
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.847 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008892.D

Acq: 12 Apr 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

FC-MW045-20190410

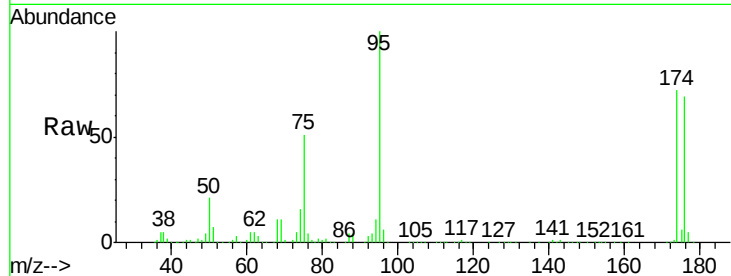
Tgt Ion: 95 Resp: 129846

Ion Ratio Lower Upper

95 100

174 78.3 0.0 151.8

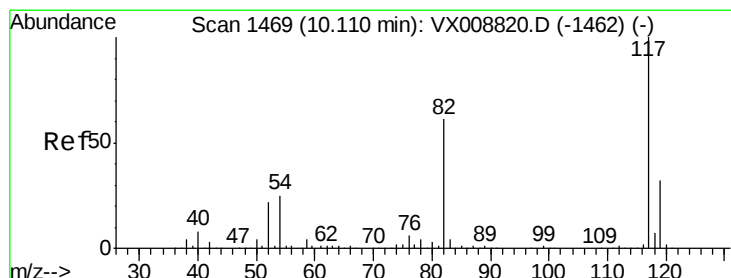
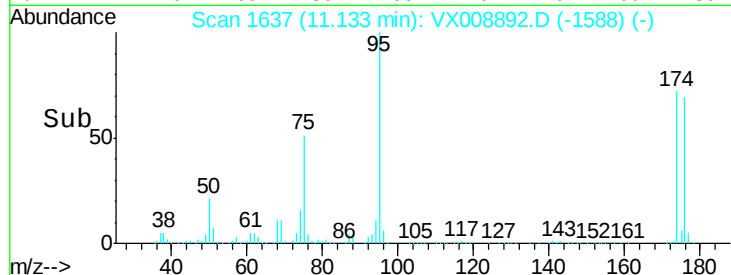
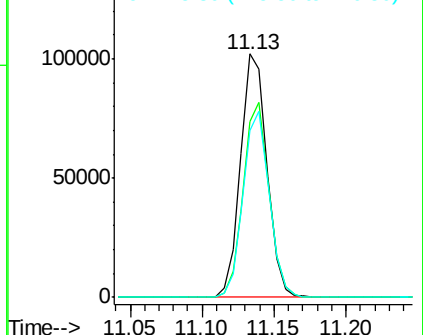
176 75.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008892.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008892.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008892.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008892.D

Acq: 12 Apr 2019 17:27

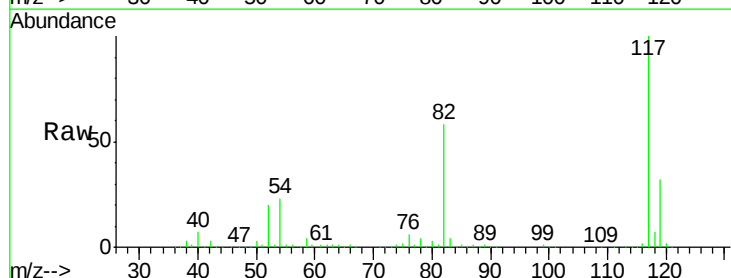
Tgt Ion: 117 Resp: 270818

Ion Ratio Lower Upper

117 100

82 57.8 49.6 74.4

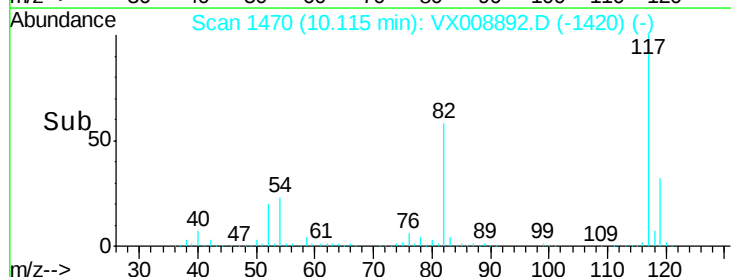
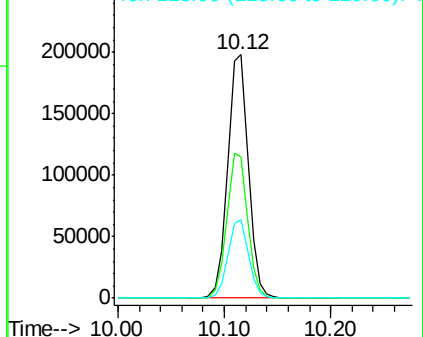
119 32.5 25.0 37.4

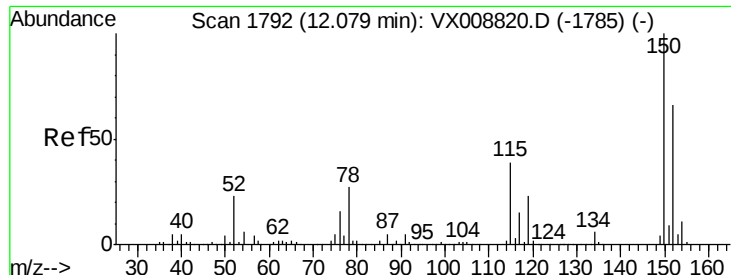


Abundance Ion 116.90 (116.60 to 117.60): VX008892.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008892.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008892.D (-1420) (-)

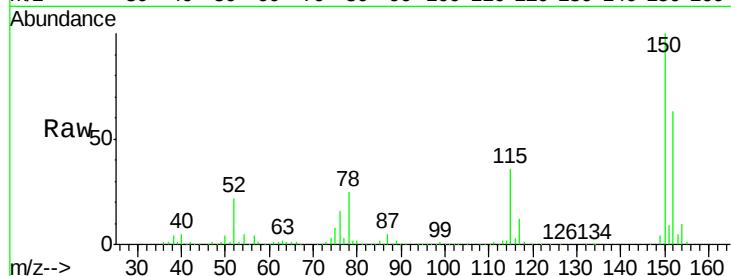




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008892.D
 Acq: 12 Apr 2019 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW045-20190410

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	43.5	130.5
150	157.5	0.0	348.8



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

