

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009023.D
 Acq On : 17 Apr 2019 18:30
 Operator : JC/SP
 Sample : K2449-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW009-190415

Quant Time: Apr 18 03:34:30 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

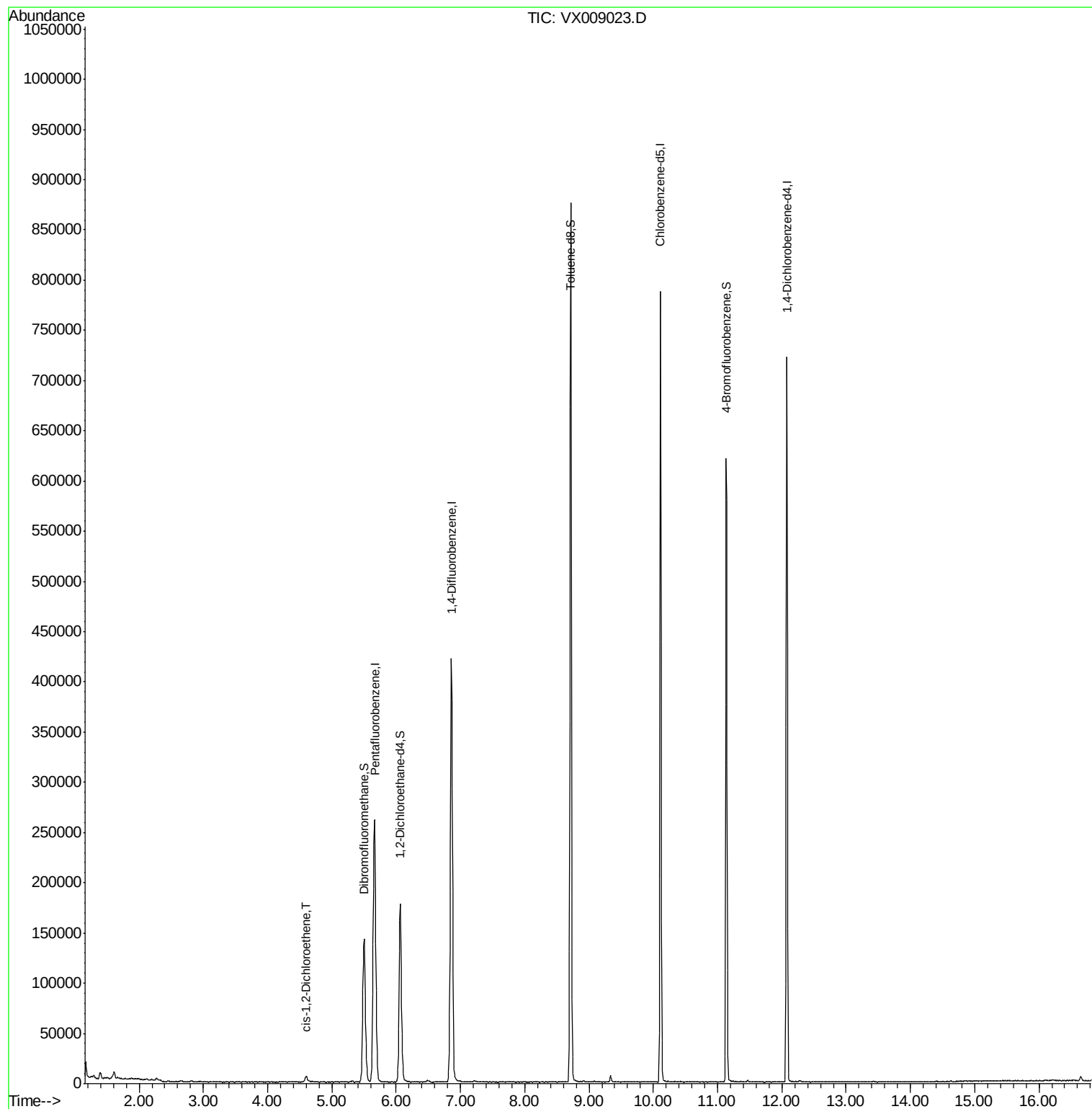
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167565	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	122038	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.71	98	510386	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.13	95	167212	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3345	1.003	ug/l	Qvalue 93

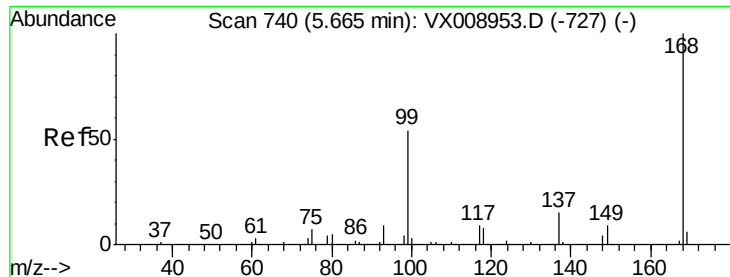
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009023.D

Acq: 17 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

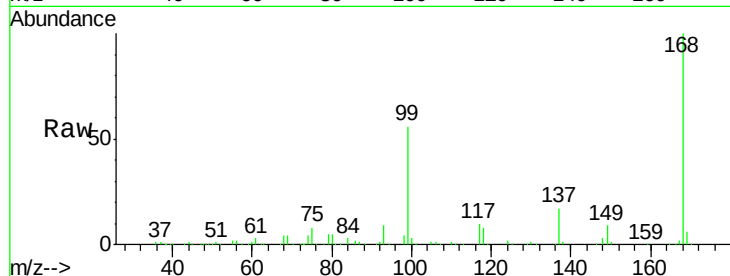
SS036MW009-190415

Tot Ion:168 Resp: 256752

Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

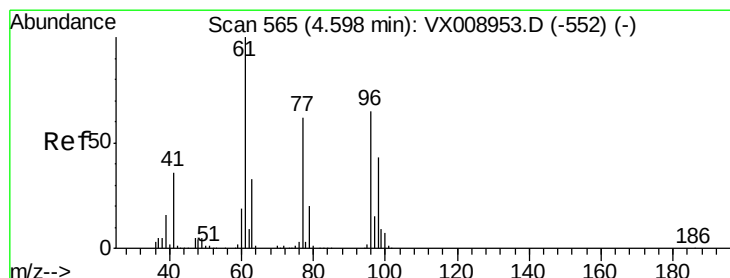
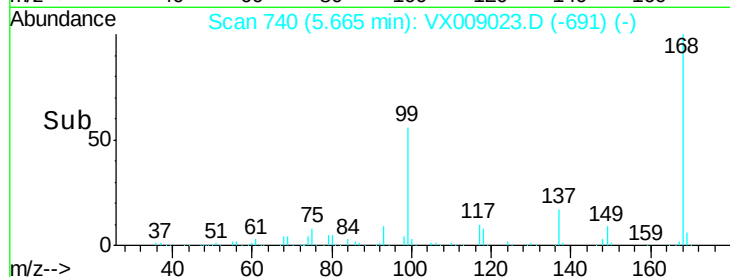
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.003 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009023.D

Acq: 17 Apr 2019 18:30

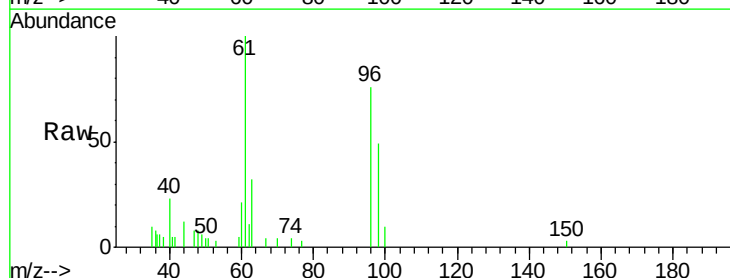
Tgt Ion: 96 Resp: 3345

Ion Ratio Lower Upper

96 100

61 150.9 0.0 322.0

98 68.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

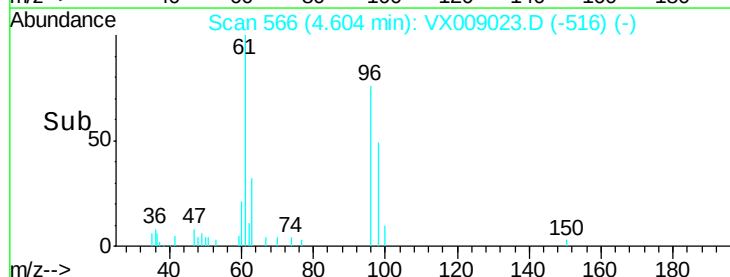
1500

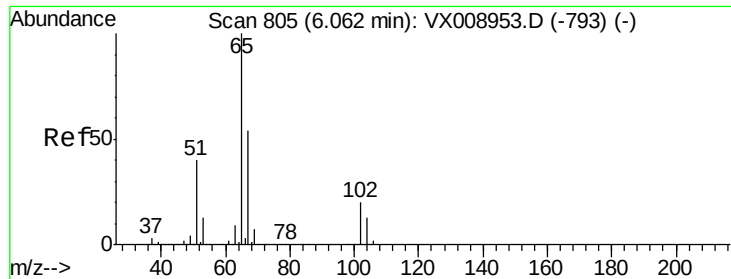
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70

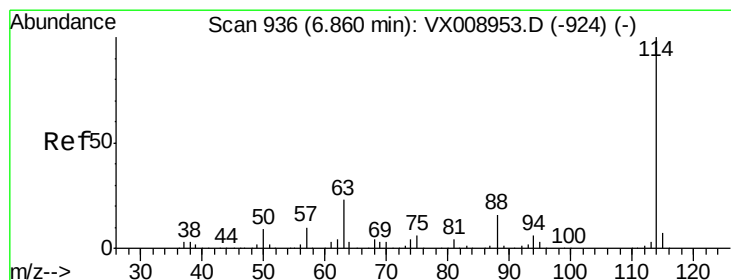
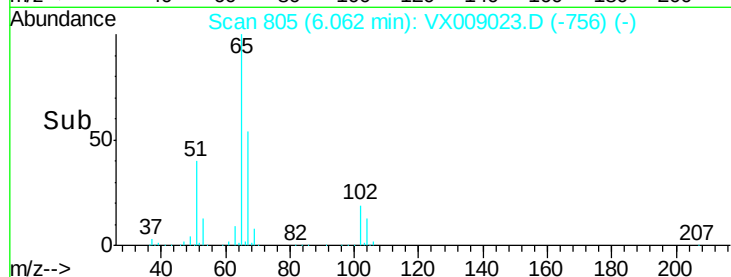
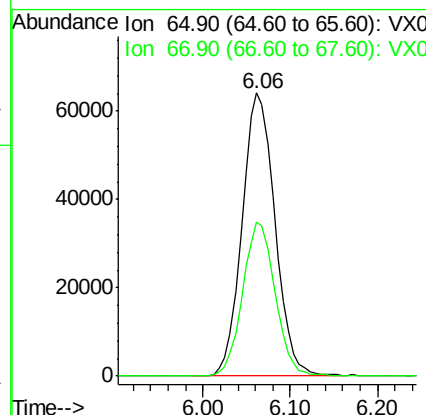
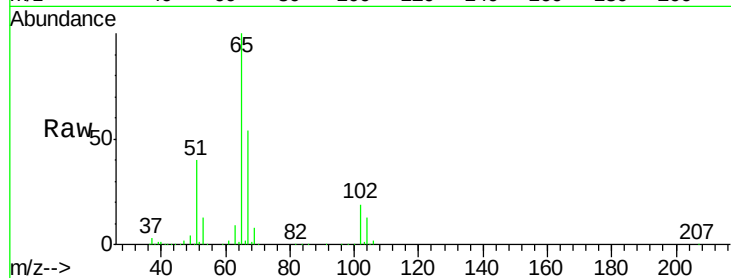




#33
 1,2-Dichloroethane-d4
 Concen: 46.310 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009023.D
 Acq: 17 Apr 2019 18:30

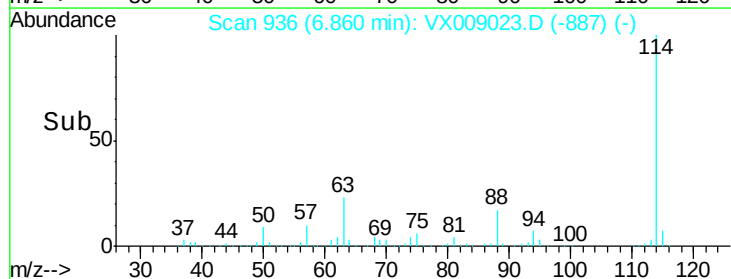
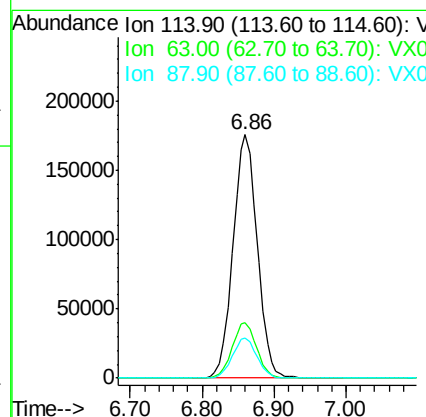
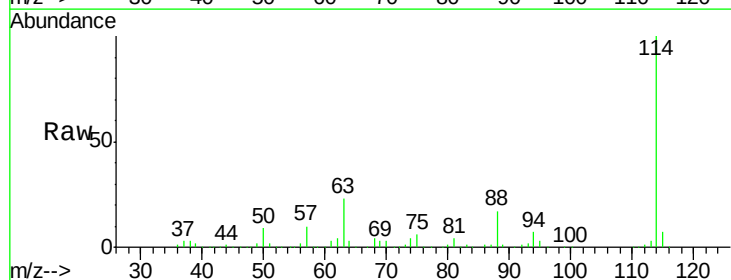
Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW009-190415

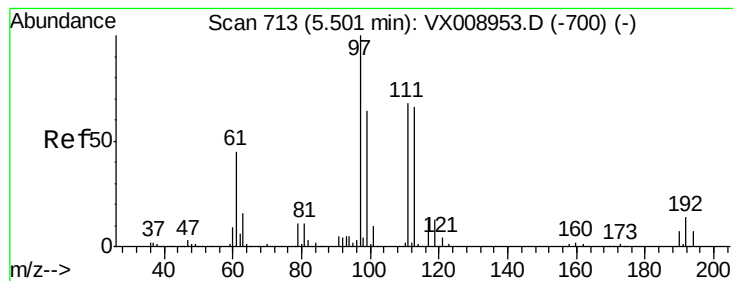
Tot Ion: 65 Resp: 167565
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009023.D
 Acq: 17 Apr 2019 18:30

Tgt Ion: 114 Resp: 411657
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.193 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009023.D

Acq: 17 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

SS036MW009-190415

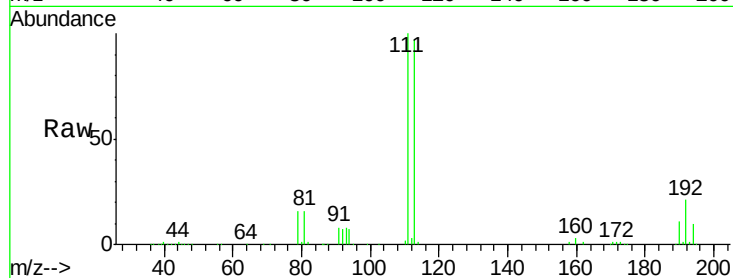
Tot Ion:113 Resp: 122038

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

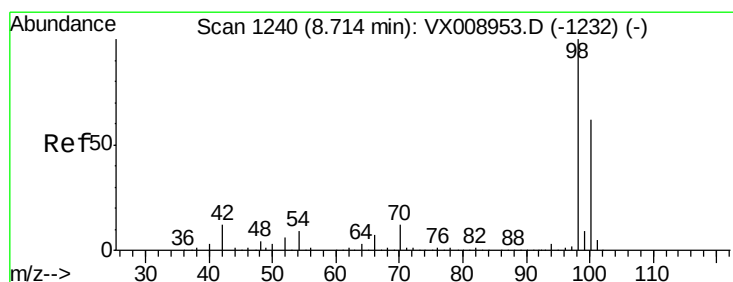
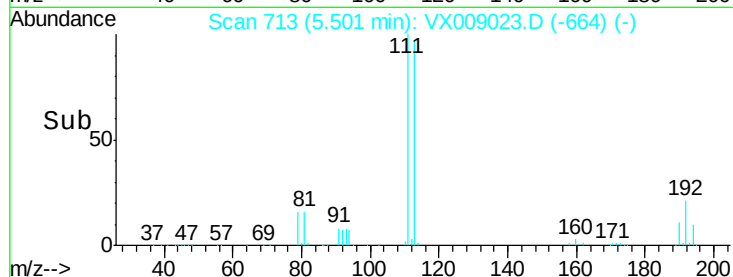
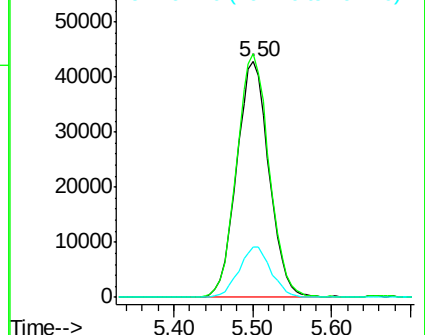
192 21.2 17.4 26.0



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: 48.442 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009023.D

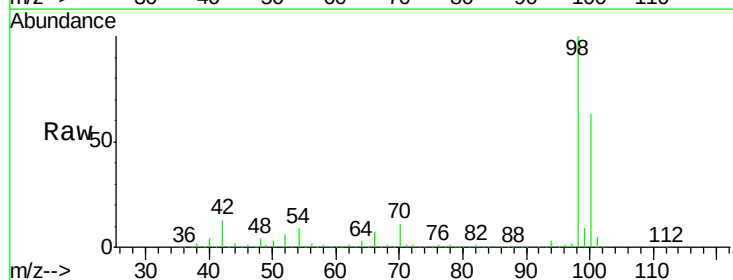
Acq: 17 Apr 2019 18:30

Tgt Ion: 98 Resp: 510386

Ion Ratio Lower Upper

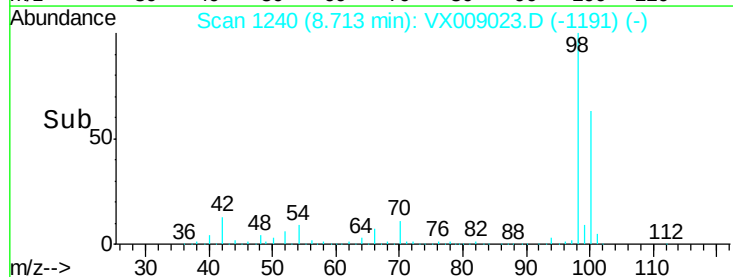
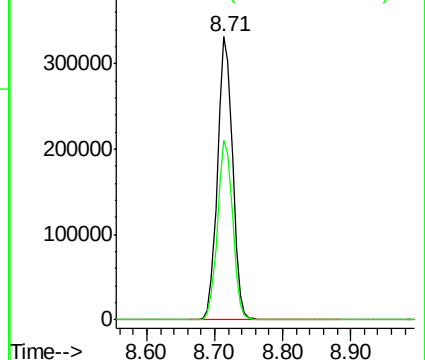
98 100

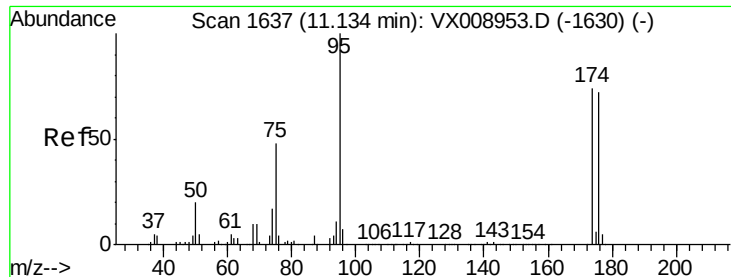
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

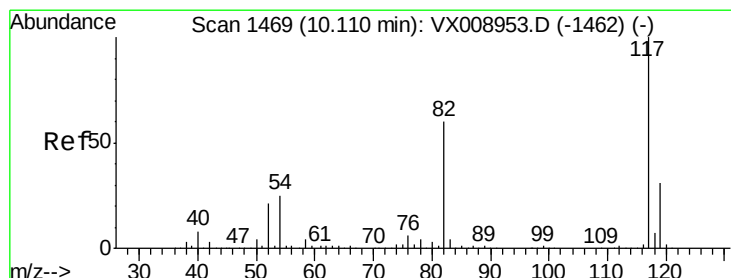
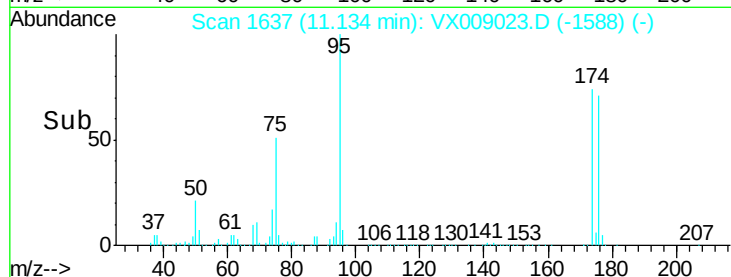
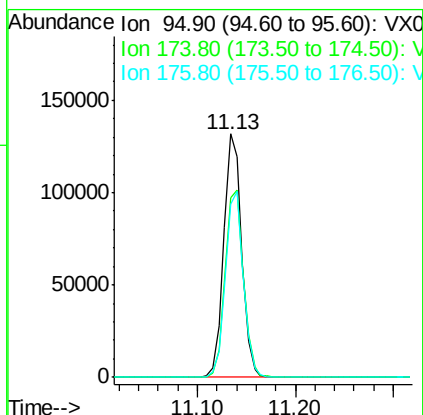
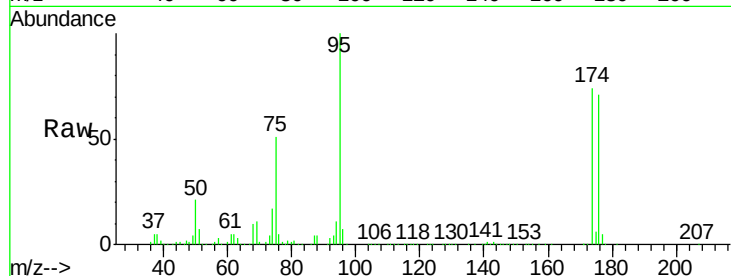




#62
4-Bromofluorobenzene
Concen: 44.958 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009023.D
Acq: 17 Apr 2019 18:30

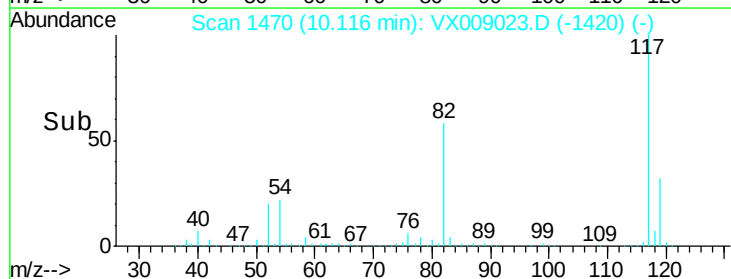
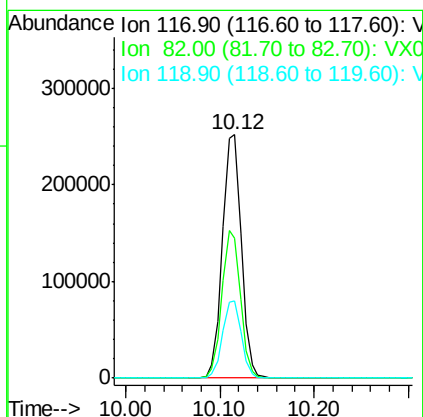
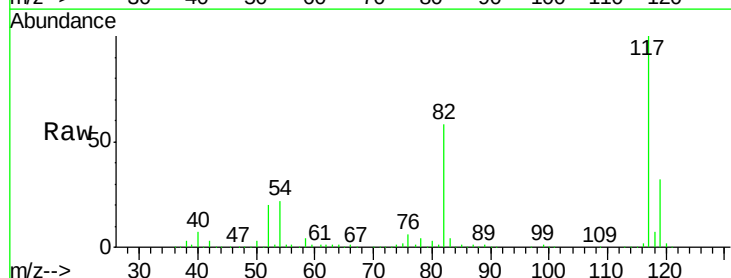
Instrument :
MSVOA_X
ClientSampleId :
SS036MW009-190415

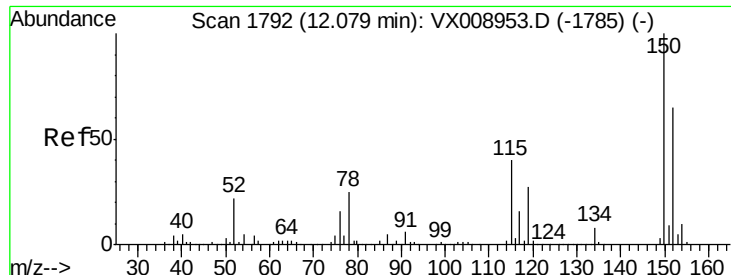
Tot Ion: 95 Resp: 167212
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.6
176 76.6 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009023.D
Acq: 17 Apr 2019 18:30

Tgt Ion: 117 Resp: 351388
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.4
119 31.9 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009023.D

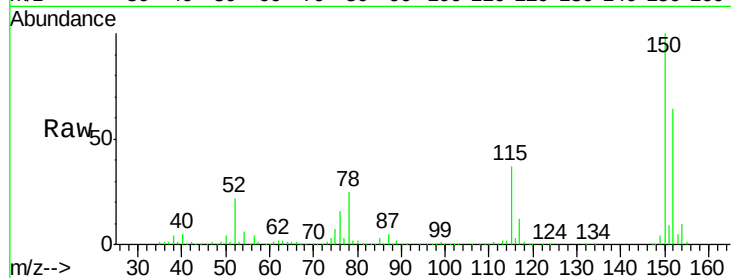
Acq: 17 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

SS036MW009-190415



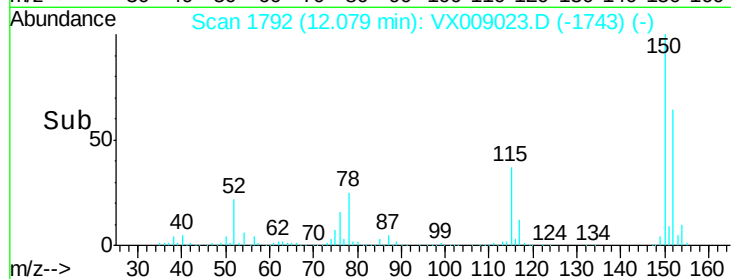
Tot Ion:152 Resp: 143684

Ion Ratio Lower Upper

152 100

115 60.5 41.4 124.2

150 158.4 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

