

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009077.D
 Acq On : 19 Apr 2019 17:51
 Operator : JC/SP
 Sample : K2487-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-10

Quant Time: Apr 22 11:04:51 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

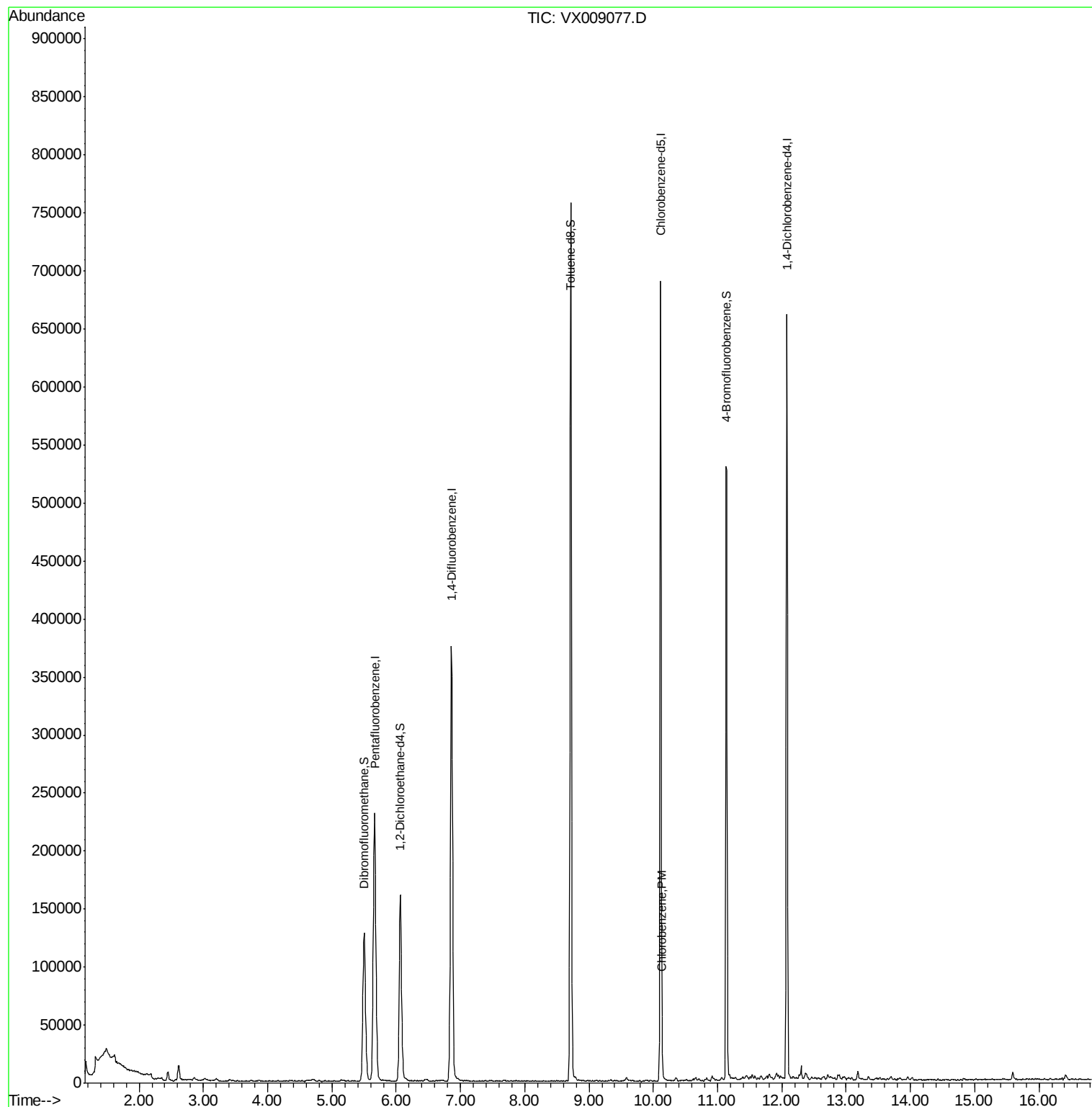
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151966	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.50	113	110769	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	448710	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	144004	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
65) Chlorobenzene	10.14	112	4648	0.721	ug/l	Qvalue 93

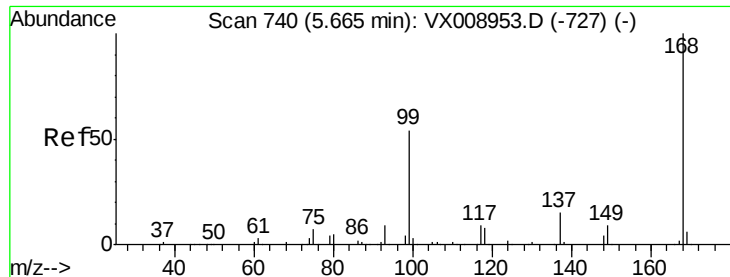
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009077.D

Acq: 19 Apr 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

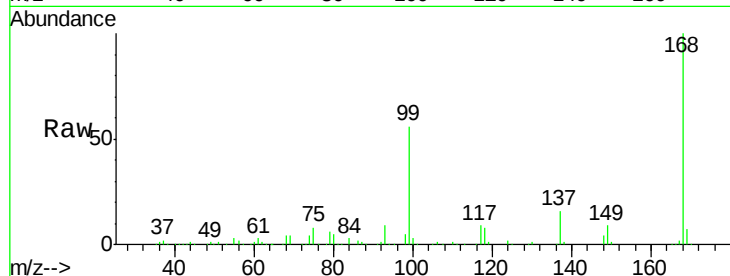
GMW-10

Tot Ion:168 Resp: 221764

Ion Ratio Lower Upper

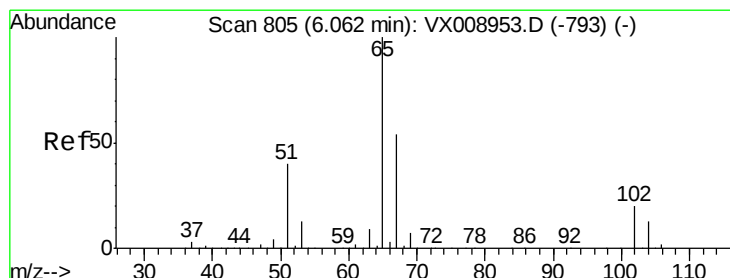
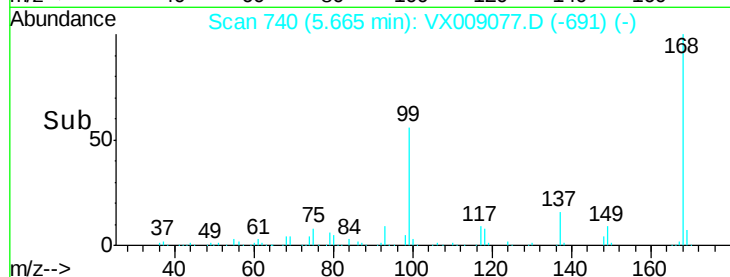
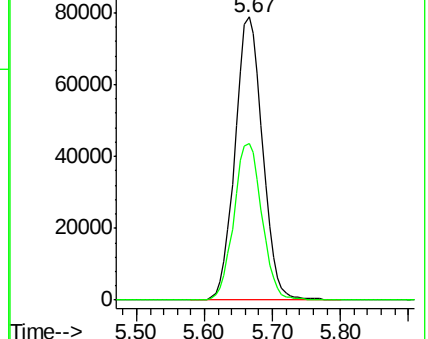
168 100

99 55.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009077.D

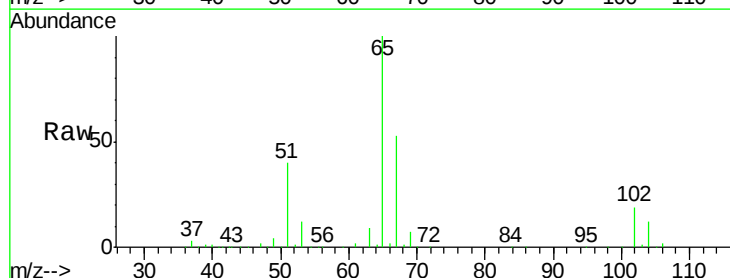
Acq: 19 Apr 2019 17:51

Tgt Ion: 65 Resp: 151966

Ion Ratio Lower Upper

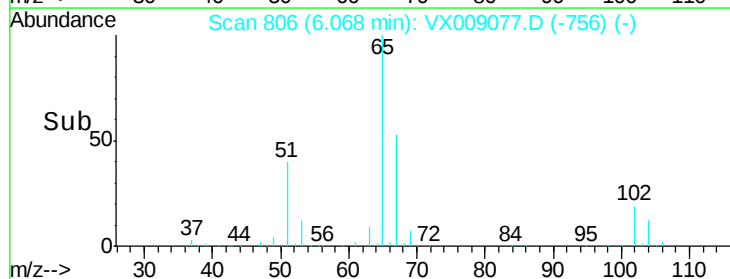
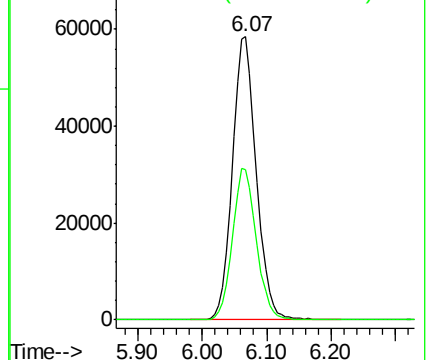
65 100

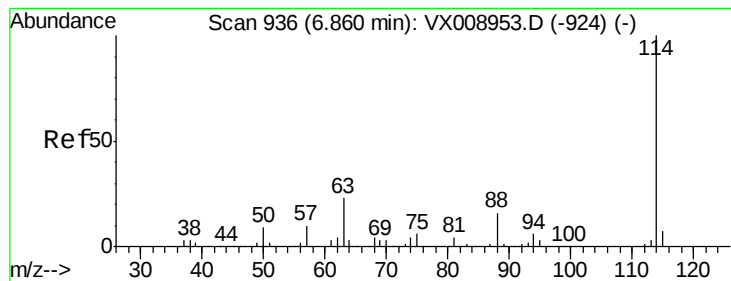
67 53.3 0.0 108.6



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: VX009077.D

Acq: 19 Apr 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

GMW-10

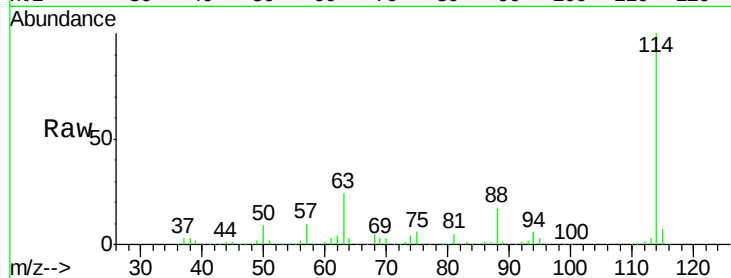
Tot Ion:114 Resp: 360165

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

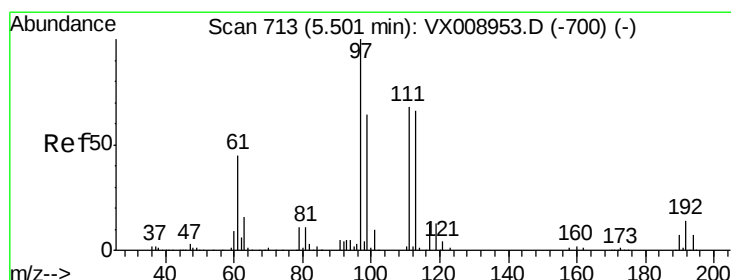
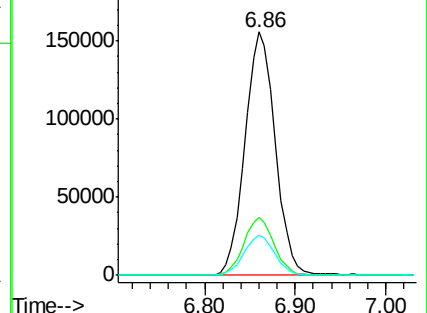
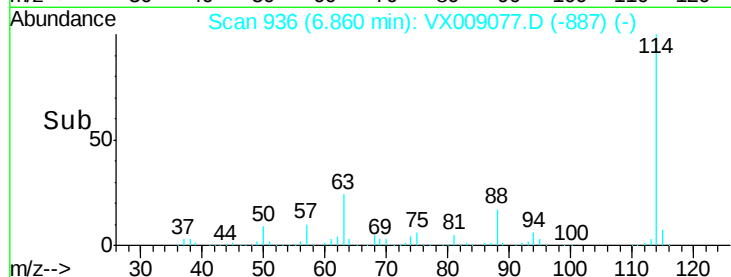
88 16.6 0.0 32.6



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: 47.922 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009077.D

Acq: 19 Apr 2019 17:51

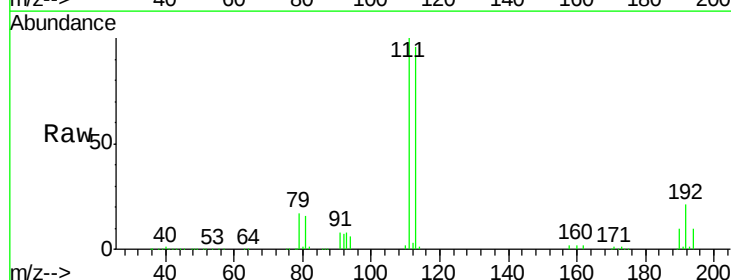
Tgt Ion:113 Resp: 110769

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

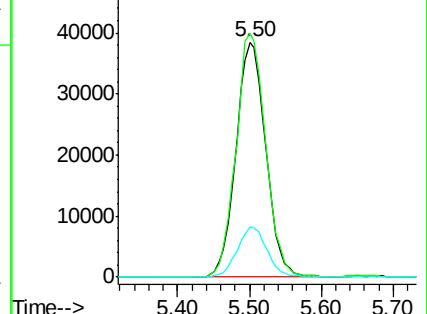
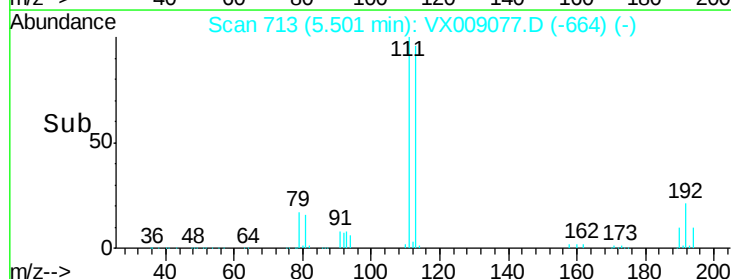
192 21.2 17.4 26.0

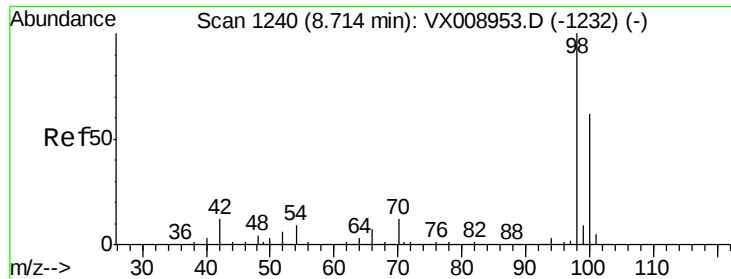


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

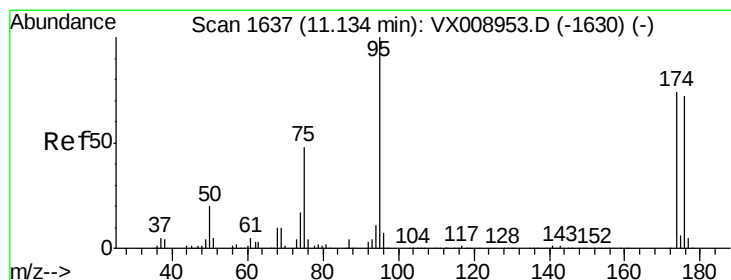
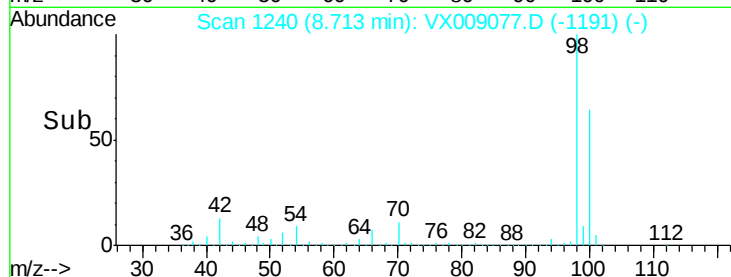
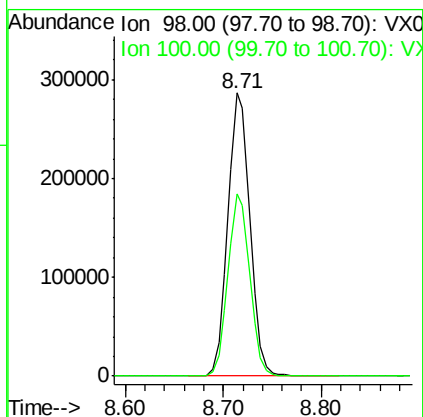
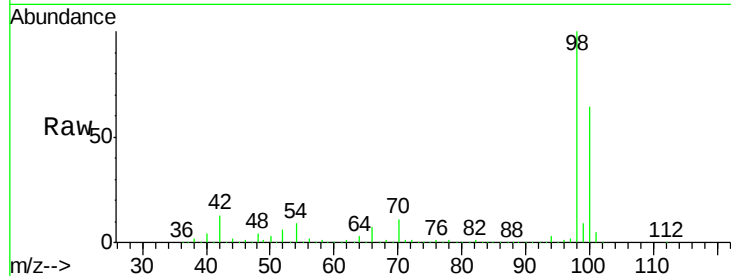




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009077.D
Acq: 19 Apr 2019 17:51

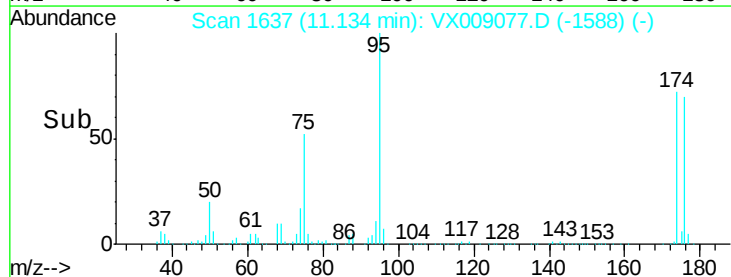
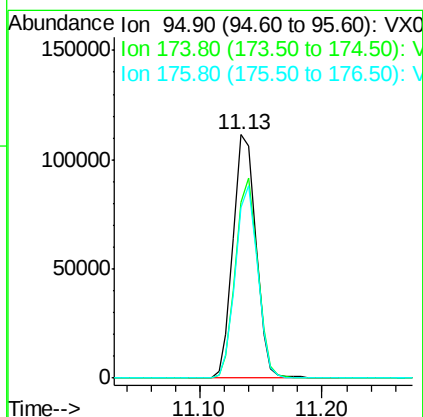
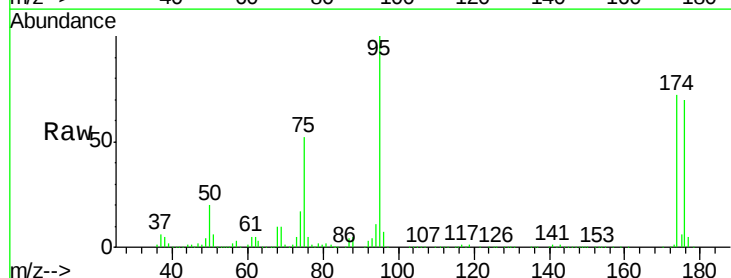
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

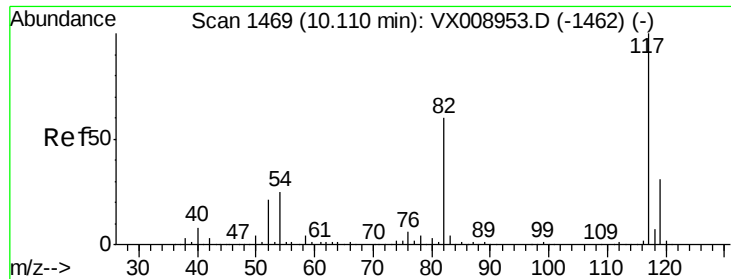
Tot Ion: 98 Resp: 448710
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.254 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009077.D
Acq: 19 Apr 2019 17:51

Tgt Ion: 95 Resp: 144004
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.6
176 76.8 0.0 154.8

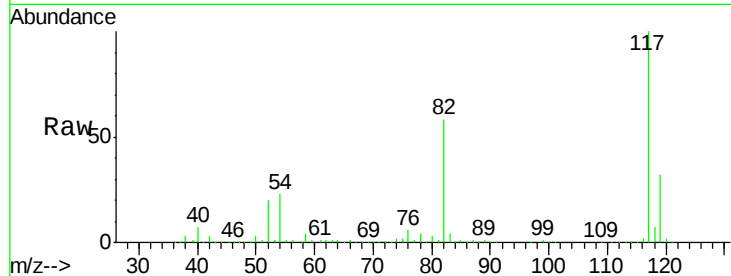




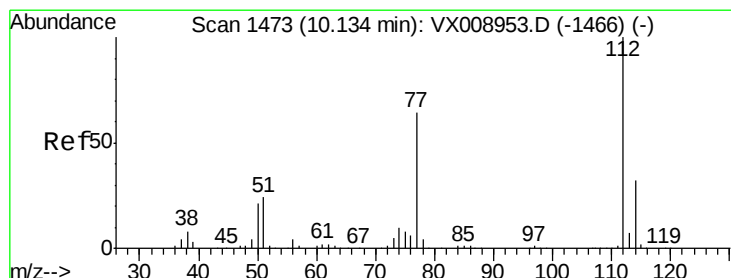
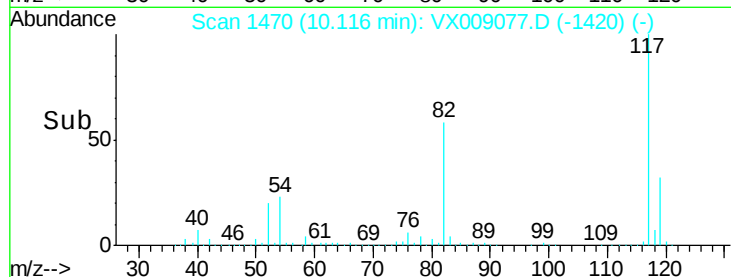
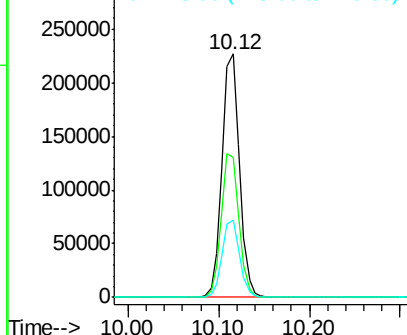
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009077.D
Acq: 19 Apr 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
GMW-10

Tot Ion:117 Resp: 305375
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 31.8 25.0 37.6

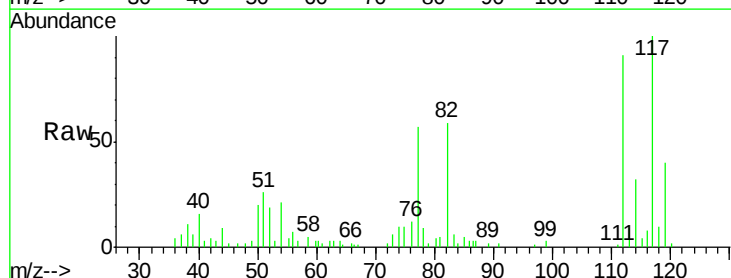


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

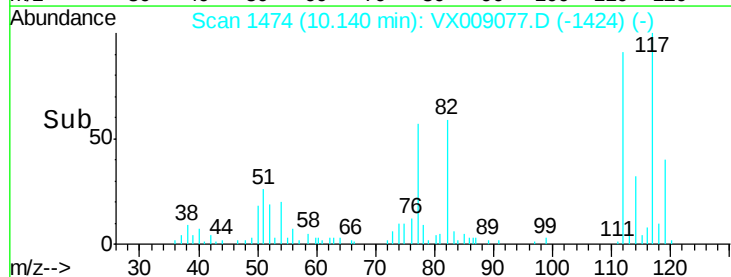
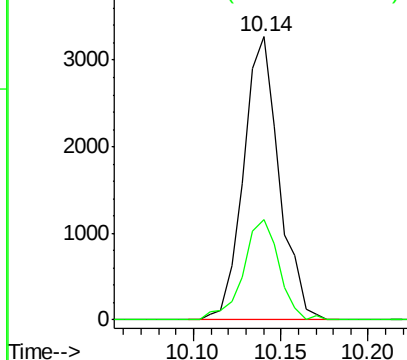


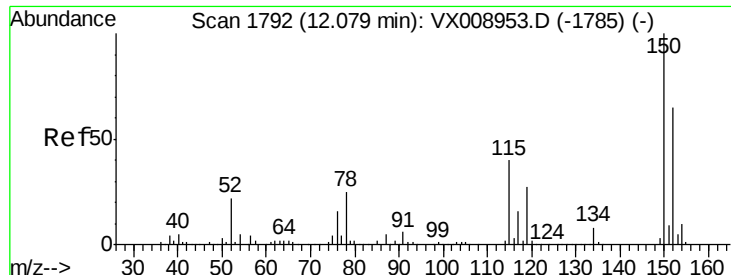
#65
Chlorobenzene
Concen: 0.721 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009077.D
Acq: 19 Apr 2019 17:51

Tgt Ion:112 Resp: 4648
Ion Ratio Lower Upper
112 100
114 35.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

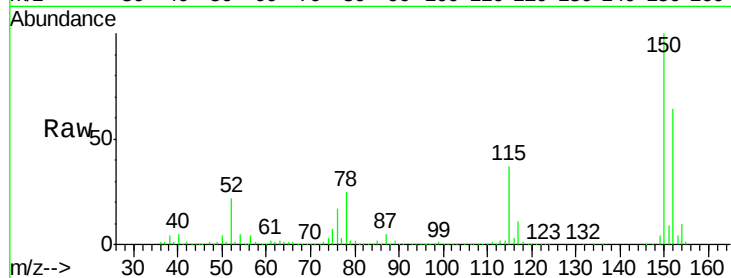




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009077.D
 Acq: 19 Apr 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-10

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.4	124.2
150	157.8	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

