

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009056.D
 Acq On : 18 Apr 2019 20:03
 Operator : JC/SP
 Sample : K2461-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-1

Quant Time: Apr 19 05:45:44 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

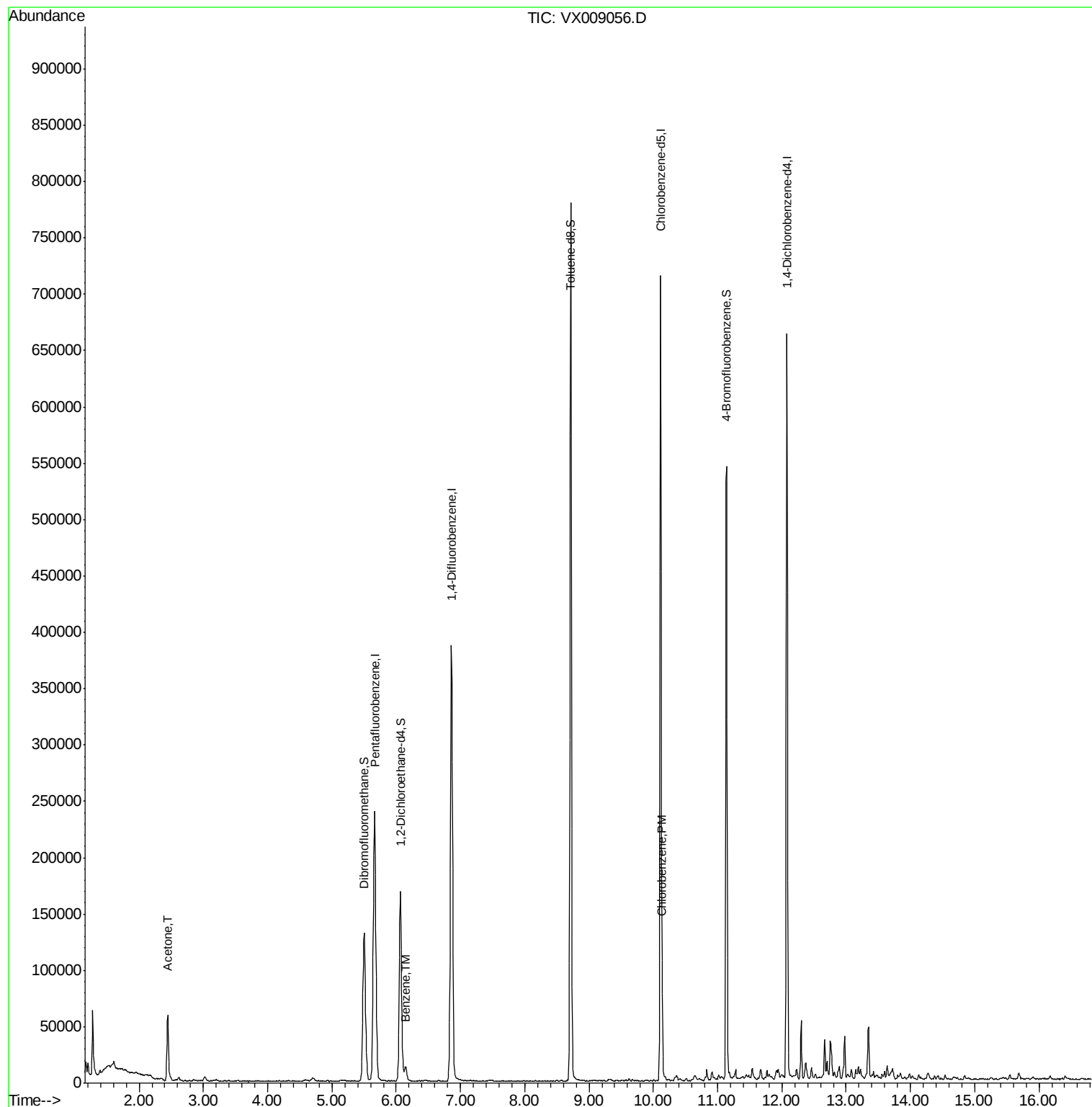
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156511	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.50	113	113736	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	460551	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	148279	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
16) Acetone	2.45	43	62657	37.562	ug/l	97
40) Benzene	6.15	78	13964	1.224	ug/l	98
65) Chlorobenzene	10.14	112	27441	4.117	ug/l	98

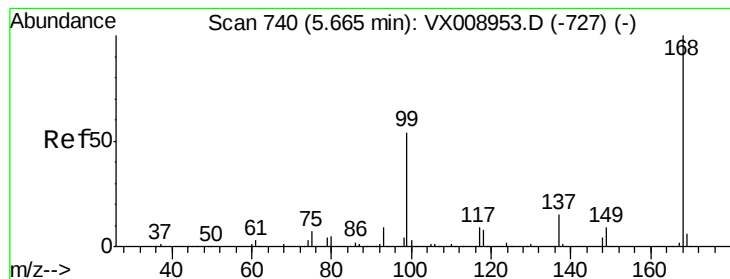
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009056.D

Acq: 18 Apr 2019 20:03

Instrument :

MSVOA_X

ClientSampled :

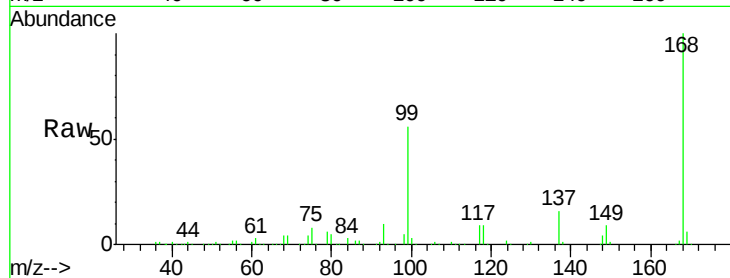
GMW-1

Tot Ion:168 Resp: 228247

Ion Ratio Lower Upper

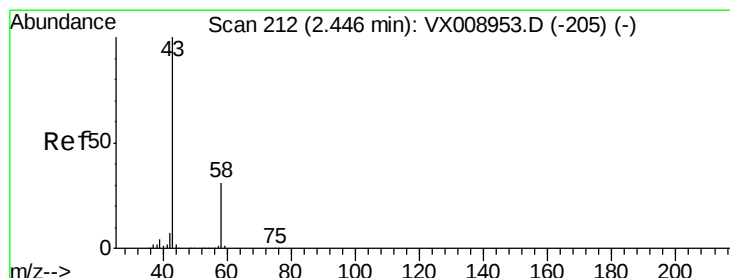
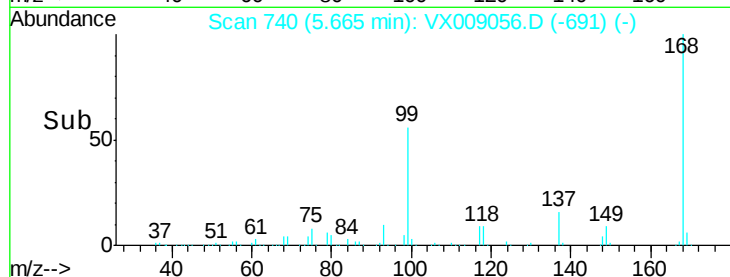
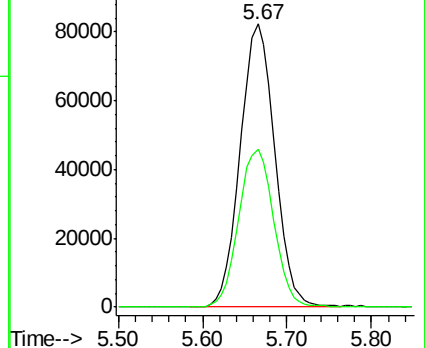
168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 37.562 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009056.D

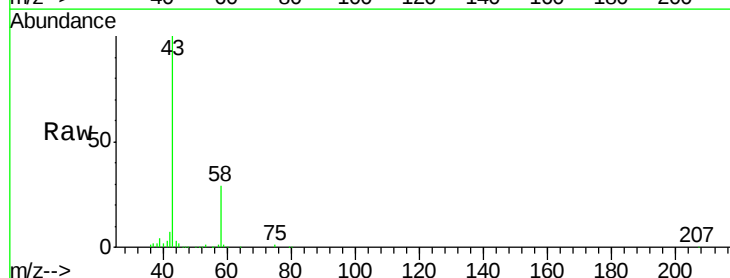
Acq: 18 Apr 2019 20:03

Tgt Ion: 43 Resp: 62657

Ion Ratio Lower Upper

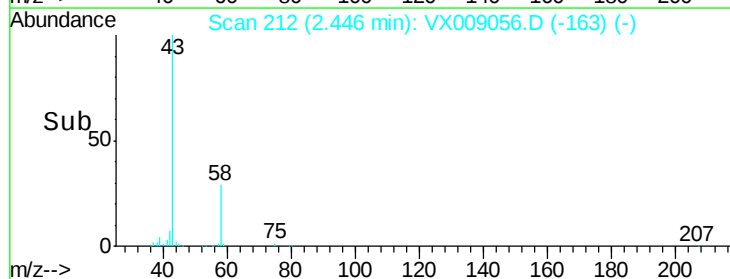
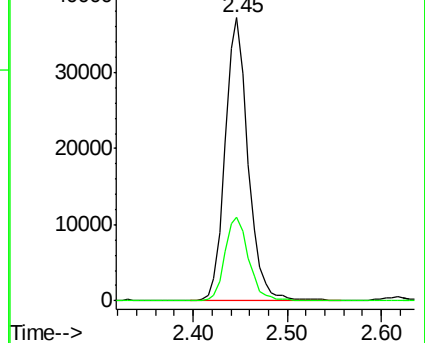
43 100

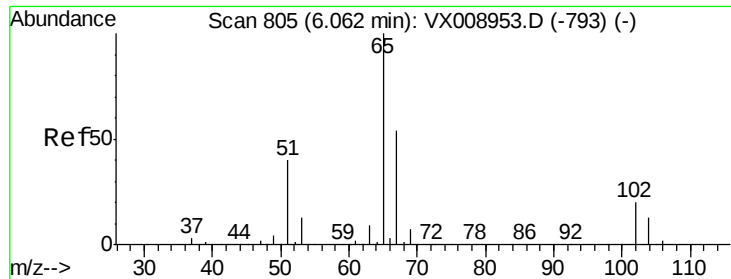
58 29.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.657 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009056.D

Acq: 18 Apr 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

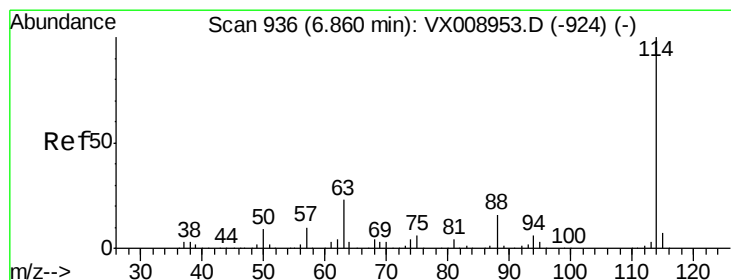
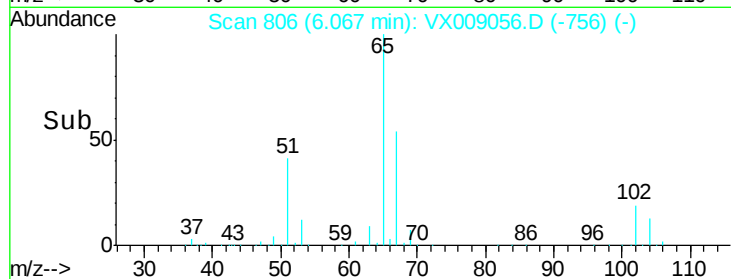
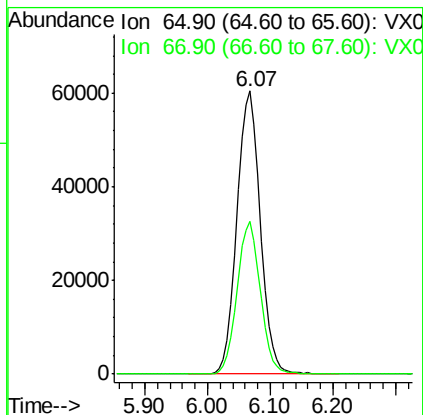
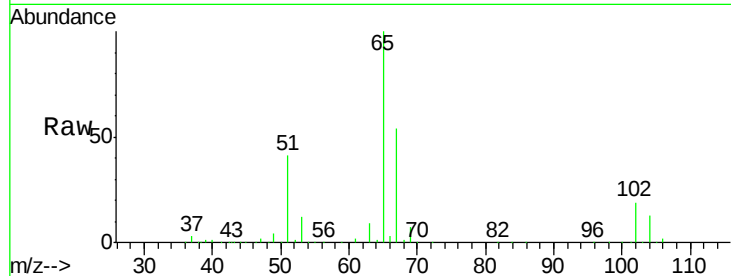
GMW-1

Tot Ion: 65 Resp: 156511

Ion Ratio Lower Upper

65 100

67 53.5 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: VX009056.D

Acq: 18 Apr 2019 20:03

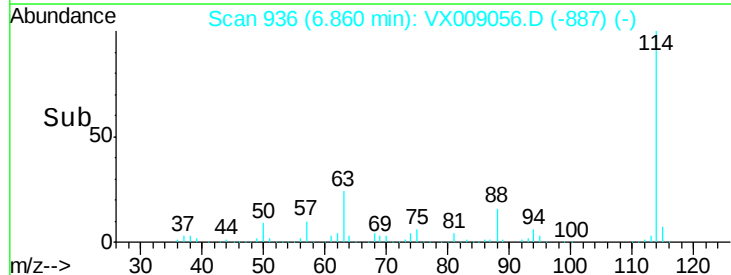
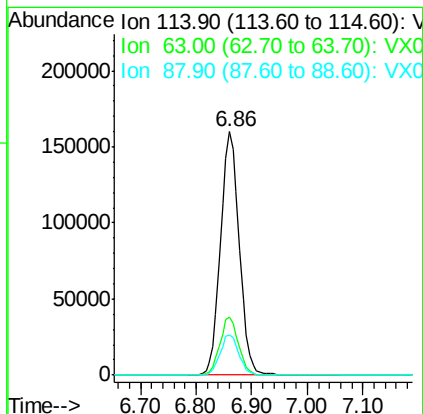
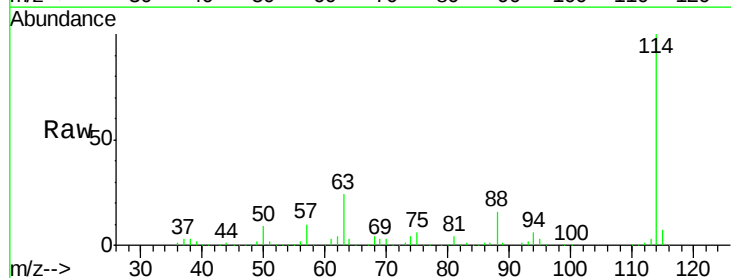
Tgt Ion: 114 Resp: 373828

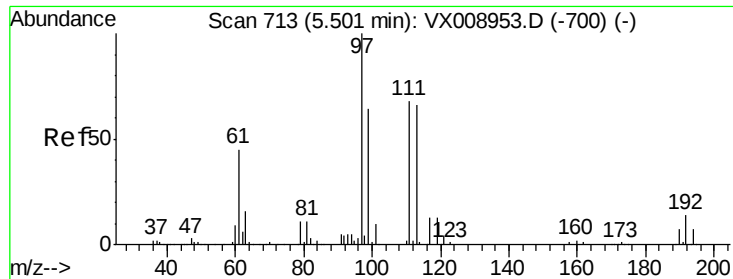
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.407 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009056.D

Acq: 18 Apr 2019 20:03

Instrument :

MSVOA_X

ClientSampled :

GMW-1

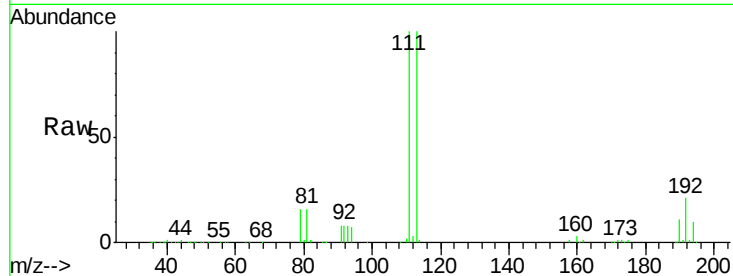
Tot Ion:113 Resp: 113736

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

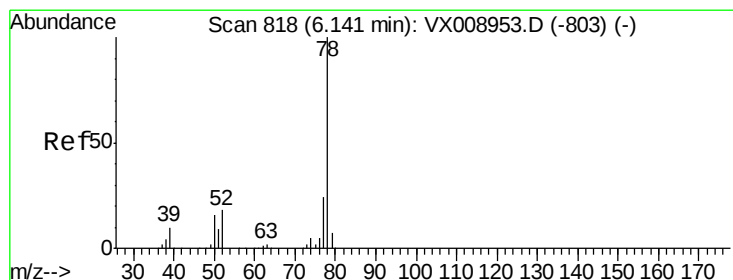
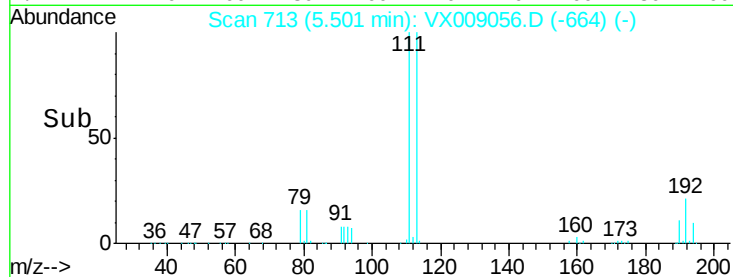
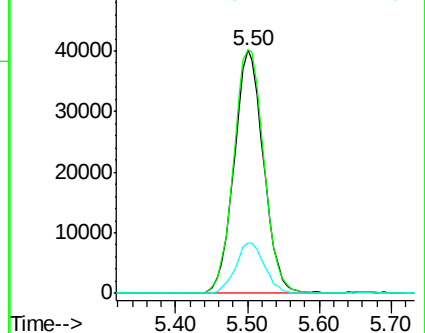
192 20.7 17.4 26.0



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



#40

Benzene

Concen: 1.224 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009056.D

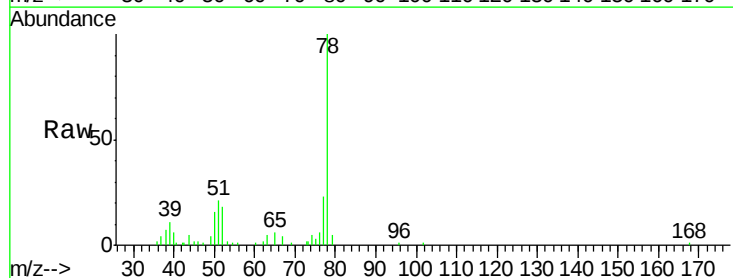
Acq: 18 Apr 2019 20:03

Tgt Ion: 78 Resp: 13964

Ion Ratio Lower Upper

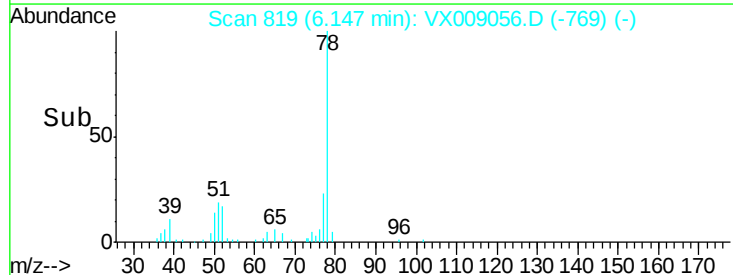
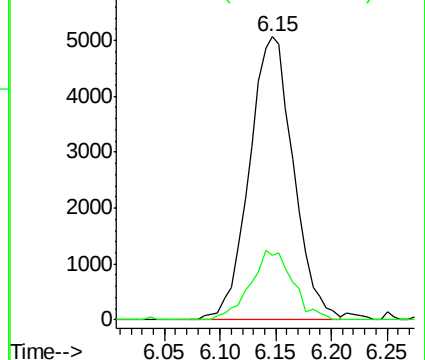
78 100

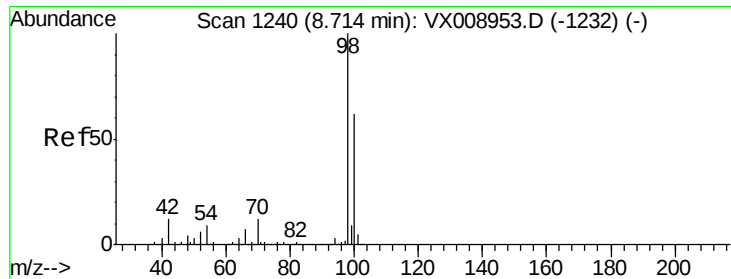
77 22.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.135 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009056.D

Acq: 18 Apr 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

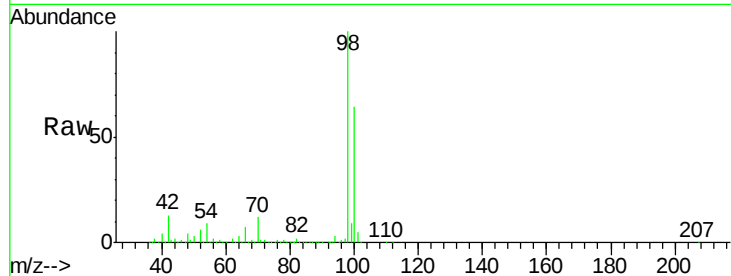
GMW-1

Tot Ion: 98 Resp: 460551

Ion Ratio Lower Upper

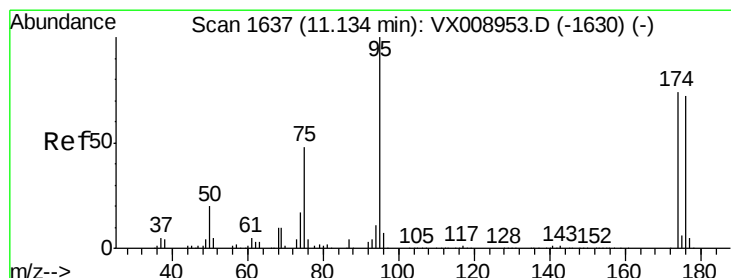
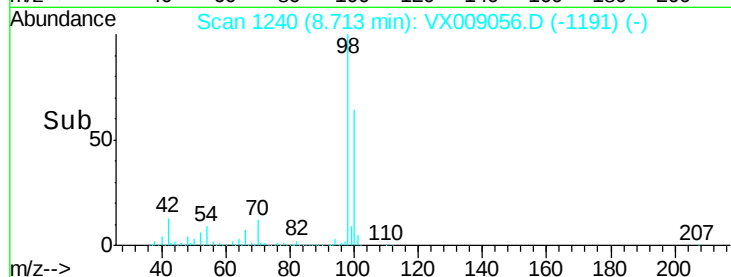
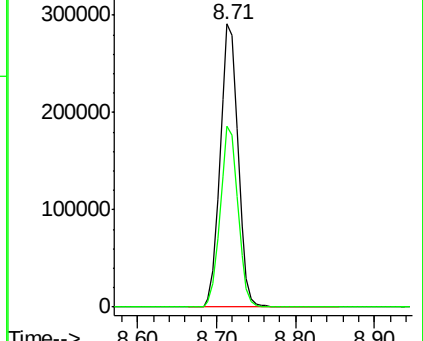
98 100

100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.902 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009056.D

Acq: 18 Apr 2019 20:03

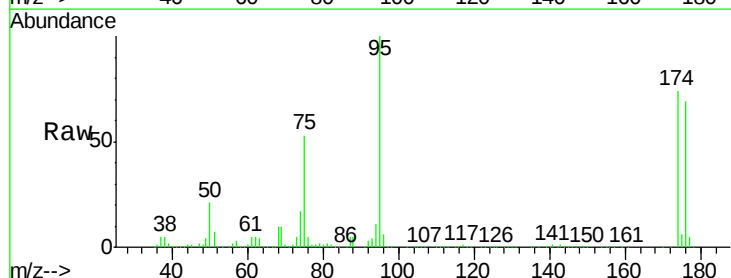
Tgt Ion: 95 Resp: 148279

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

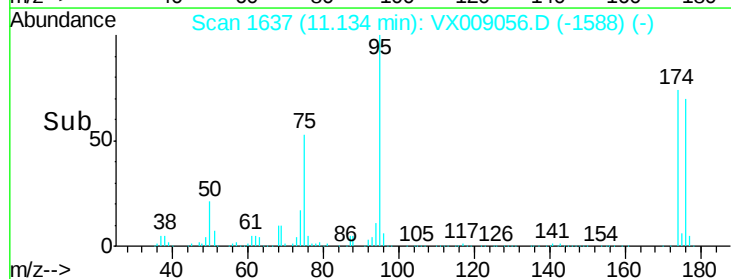
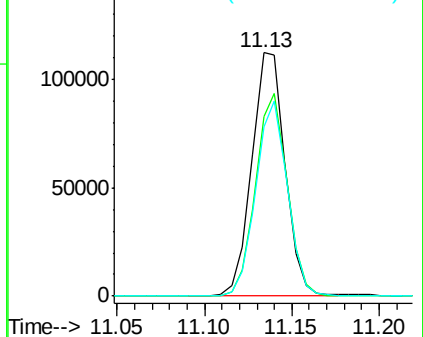
176 76.6 0.0 154.8

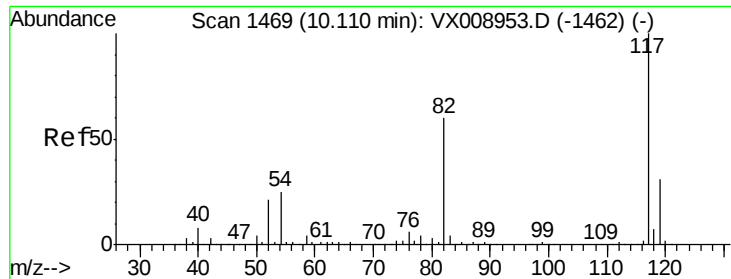


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

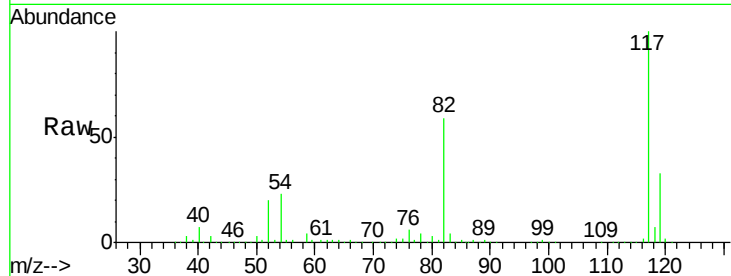




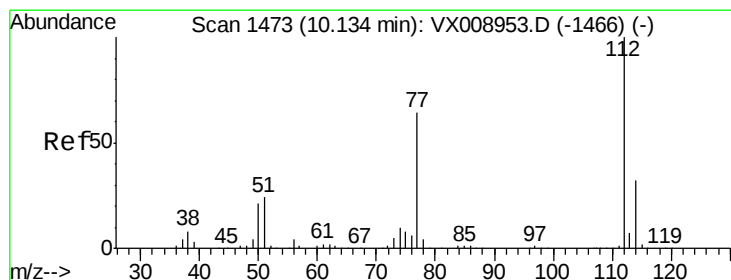
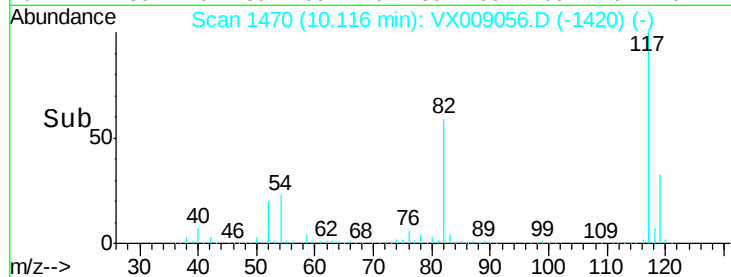
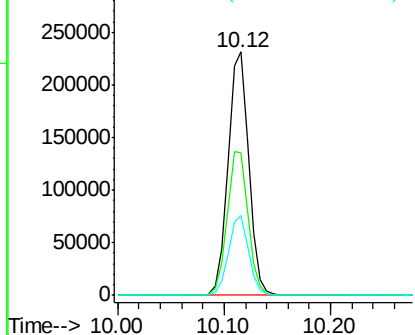
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampled :
GMW-1

Tot Ion:117 Resp: 315792
Ion Ratio Lower Upper
117 100
82 58.6 48.2 72.4
119 32.8 25.0 37.6

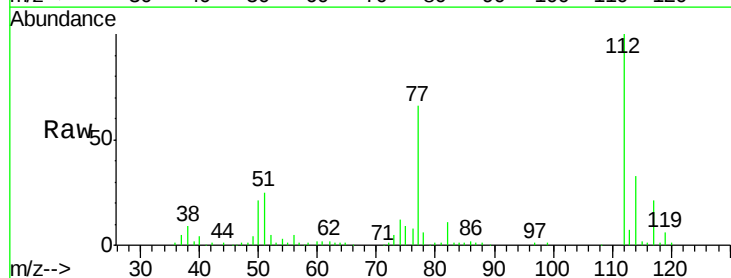


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

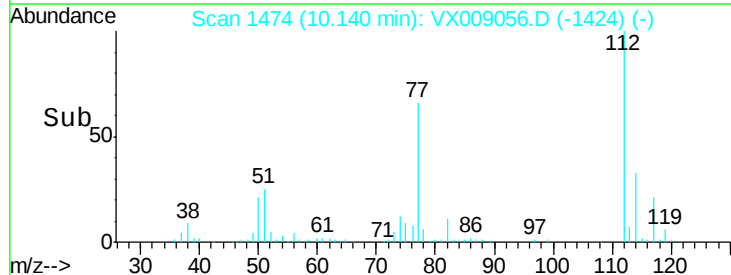
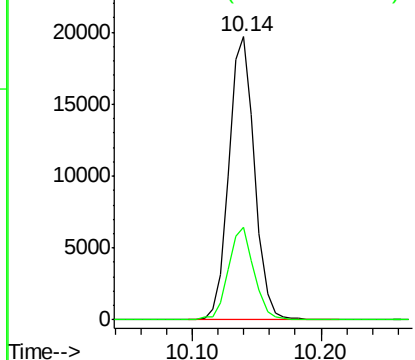


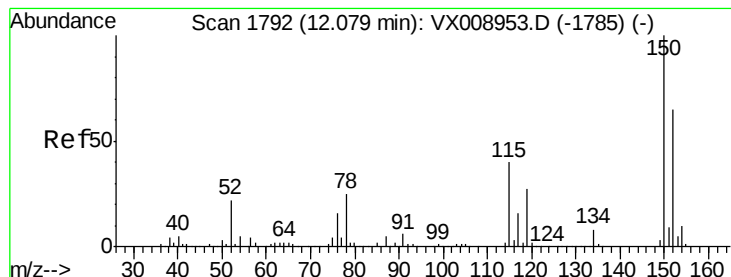
#65
Chlorobenzene
Concen: 4.117 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:112 Resp: 27441
Ion Ratio Lower Upper
112 100
114 32.6 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: VX009056.D

Acq: 18 Apr 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

GMW-1

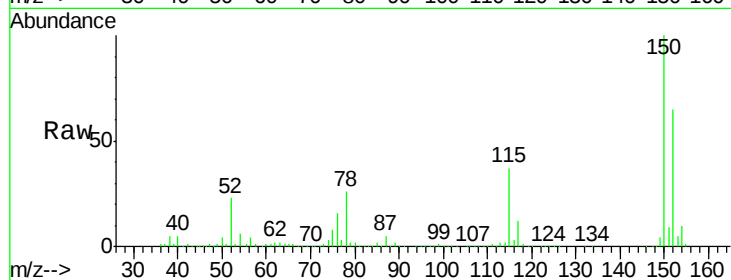
Tot Ion:152 Resp: 131600

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

150 156.3 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

