

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002664.D
 Acq On : 16 Jun 2018 22:57
 Operator : JC/MD
 Sample : J3462-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5 061218

Quant Time: Jun 18 11:18:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

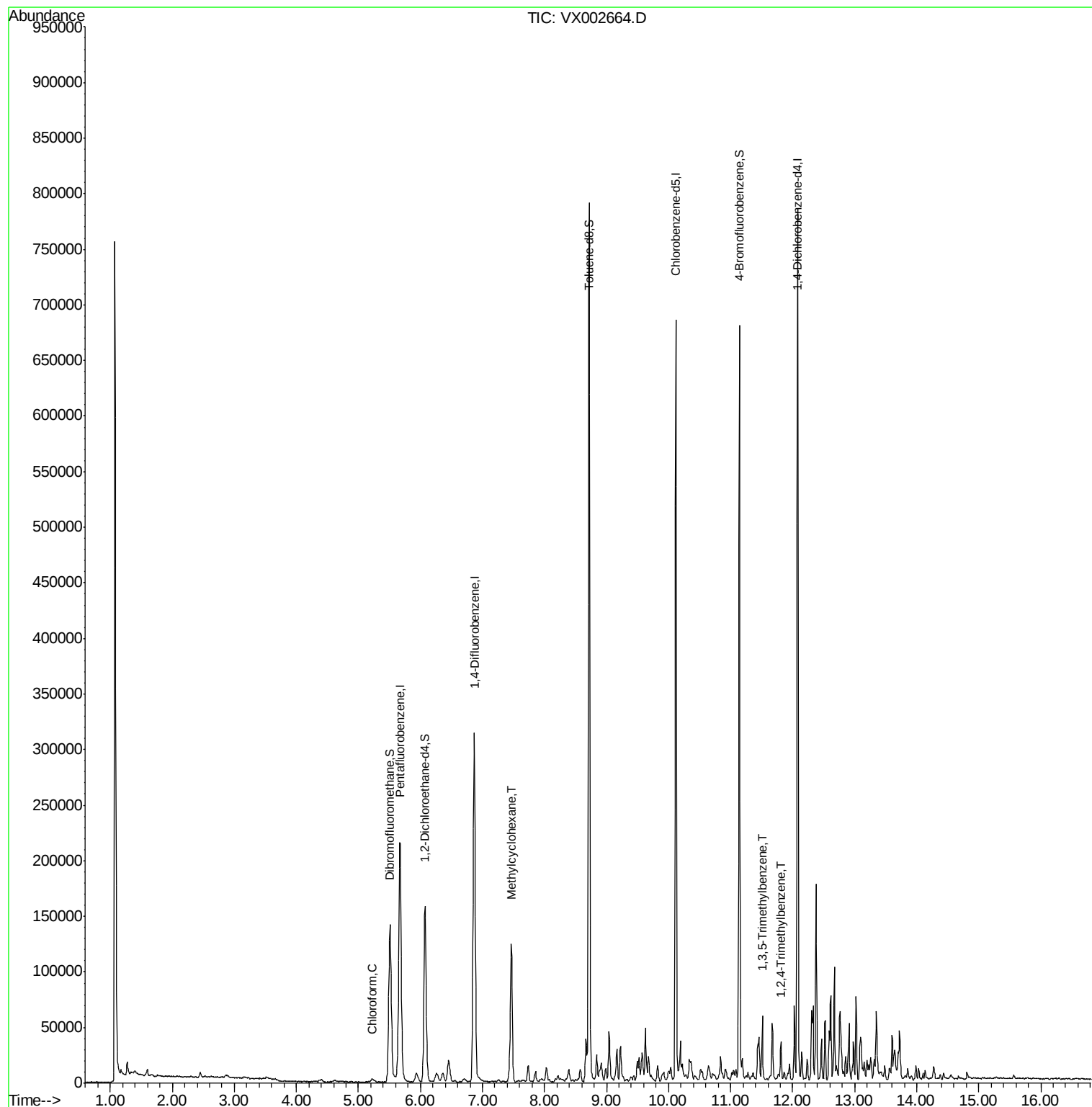
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148682	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
35) Dibromofluoromethane	5.51	113	113899	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	8.72	98	450425	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.14	95	154521	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
Target Compounds						
30) Chloroform	5.21	83	2368	0.525	ug/l	98
39) Methylcyclohexane	7.46	83	49917	12.991	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	23694	2.598	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	13630	1.465	ug/l	94

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

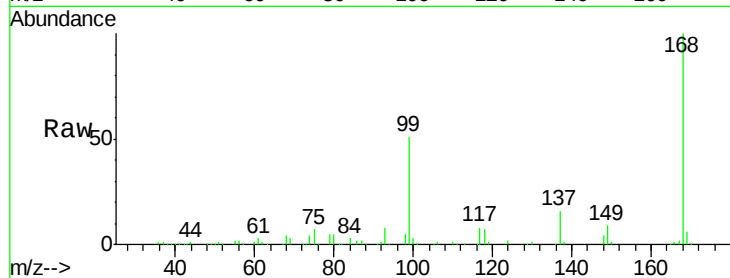
MW-5_061218

Tot Ion:168 Resp: 214633

Ion Ratio Lower Upper

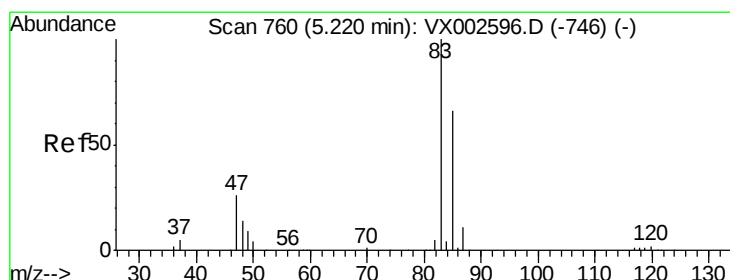
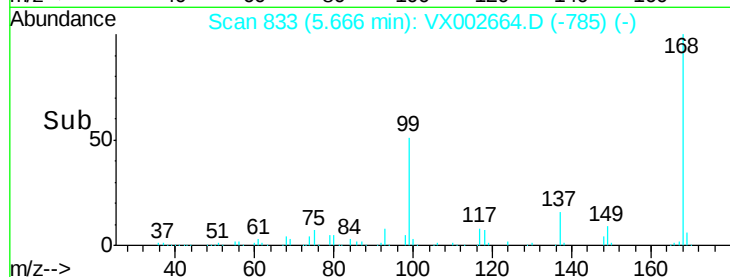
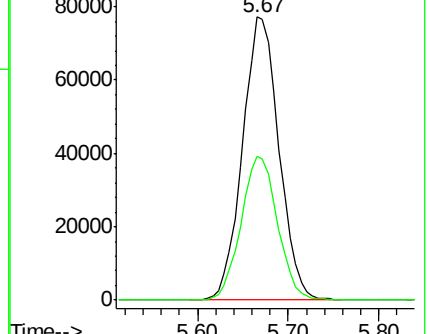
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 0.525 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002664.D

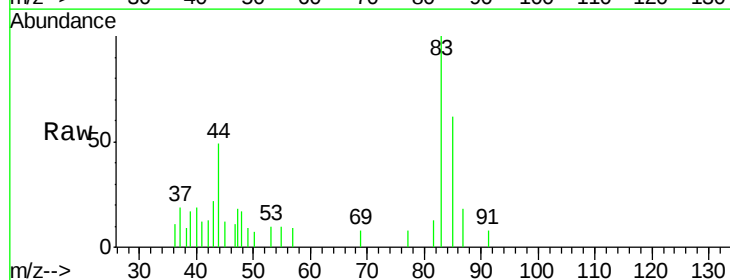
Acq: 16 Jun 2018 22:57

Tgt Ion: 83 Resp: 2368

Ion Ratio Lower Upper

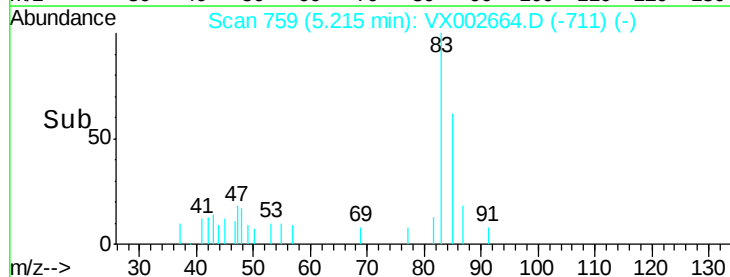
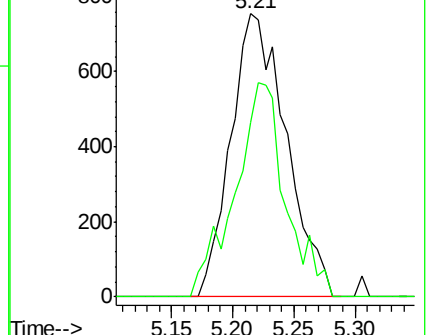
83 100

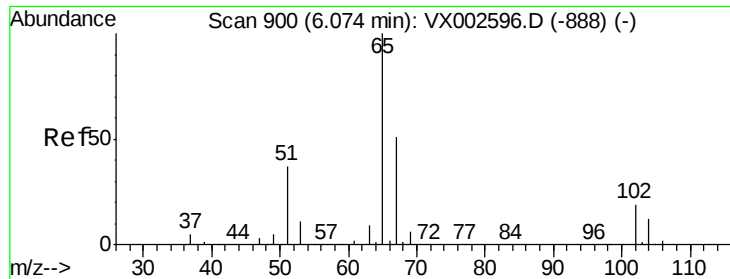
85 61.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

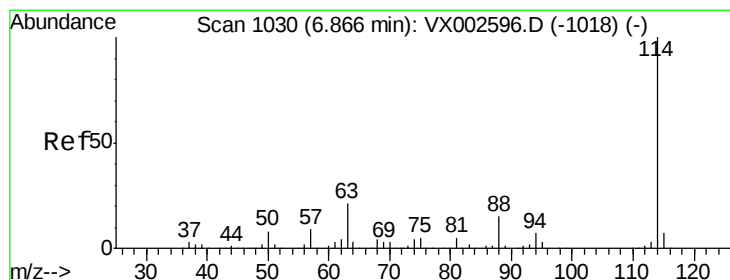
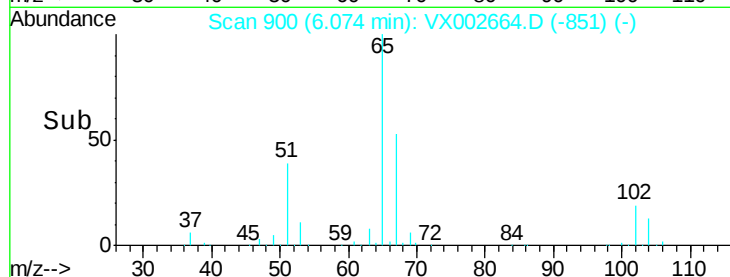
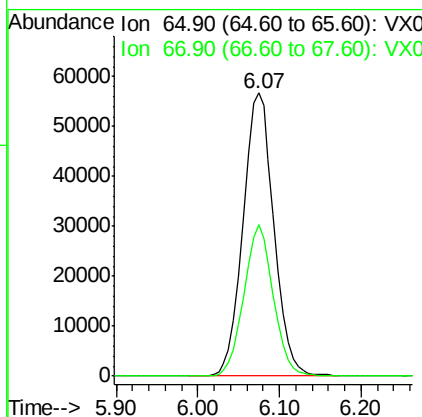
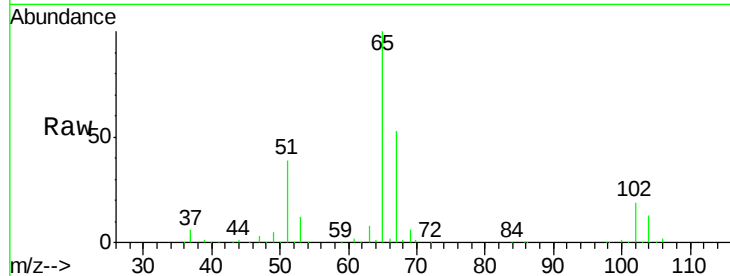




#33
 1,2-Dichloroethane-d4
 Concen: 45.585 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

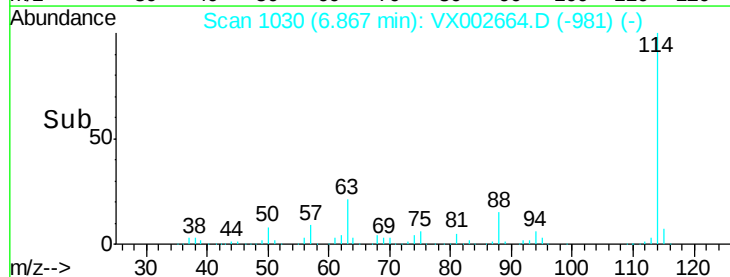
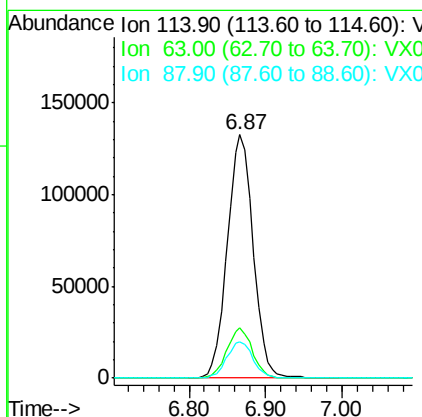
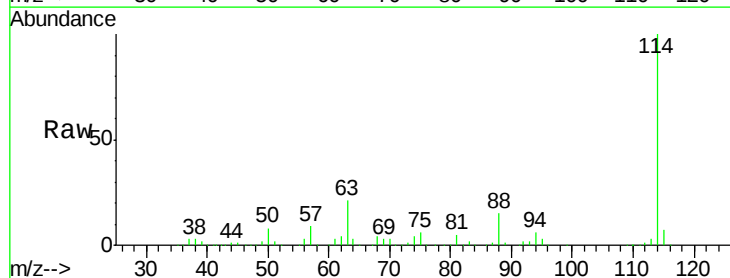
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5_061218

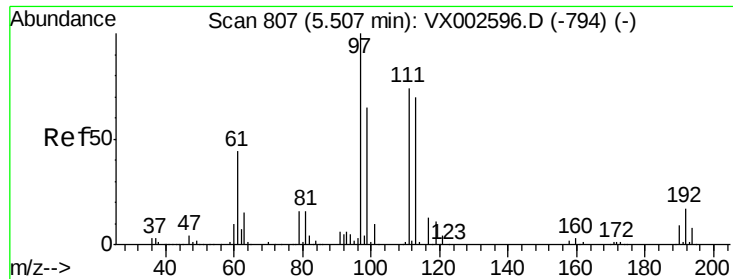
Tot Ion: 65 Resp: 148682
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

Tgt Ion: 114 Resp: 309473
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 14.8 0.0 30.0

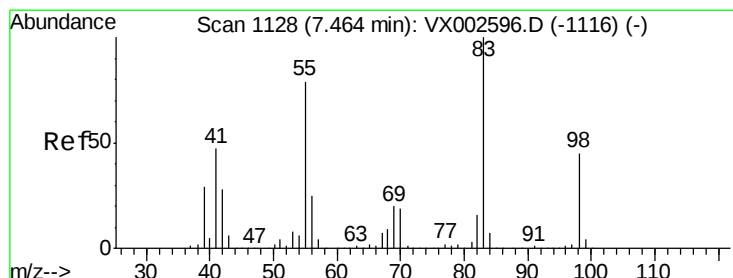
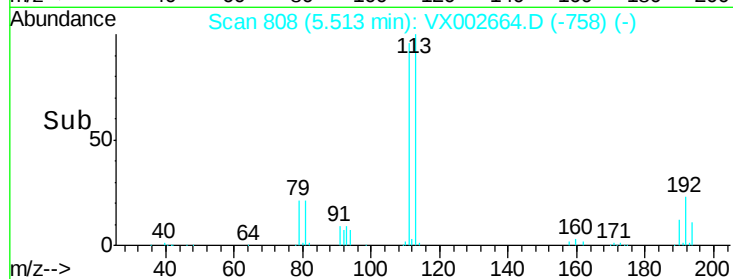
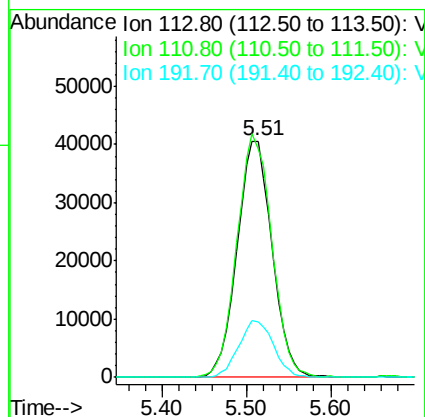
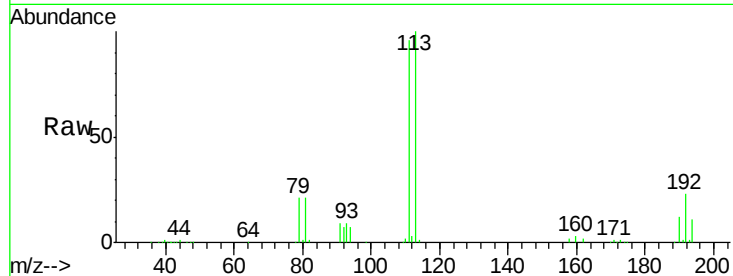




#35
Dibromofluoromethane
Concen: 46.115 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

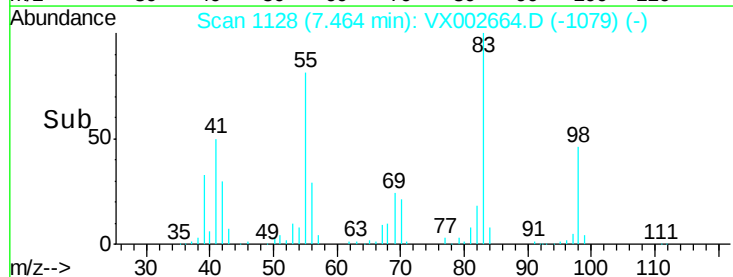
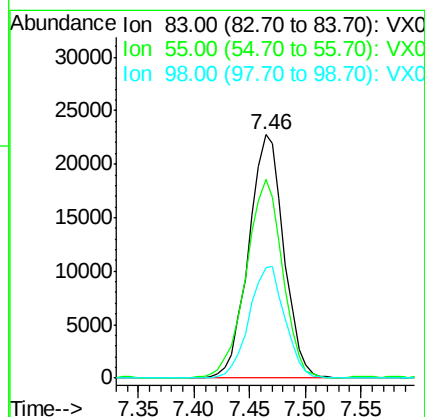
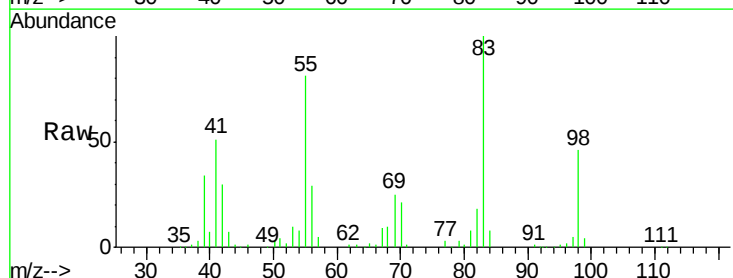
Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

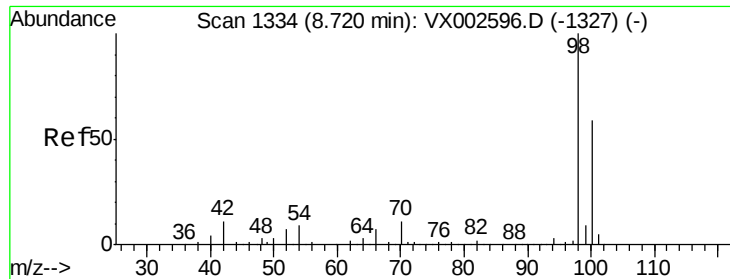
Tot Ion:113 Resp: 113899
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 23.8 19.1 28.7



#39
Methylcyclohexane
Concen: 12.991 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 83 Resp: 49917
Ion Ratio Lower Upper
83 100
55 81.1 65.4 98.0
98 45.6 37.4 56.0





#50

Toluene-d8

Concen: 48.029 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

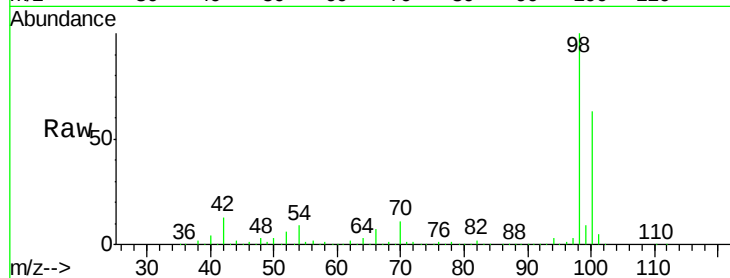
MW-5 061218

Tot Ion: 98 Resp: 450425

Ion Ratio Lower Upper

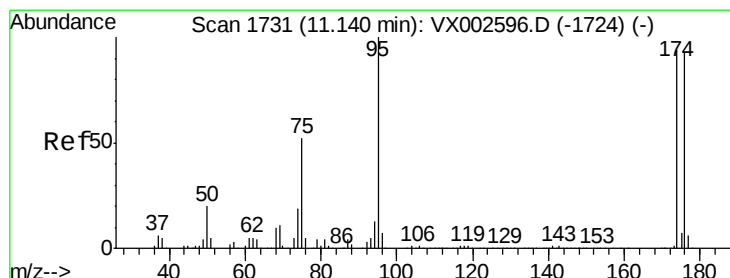
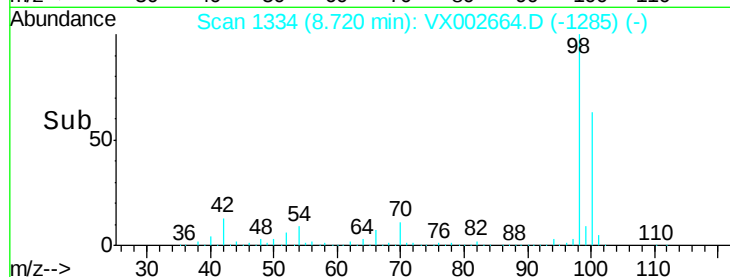
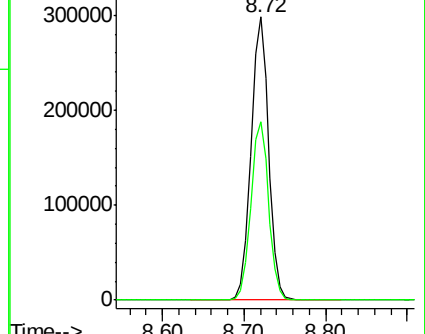
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.482 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

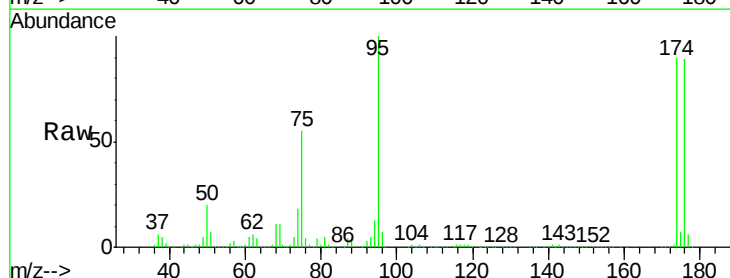
Tgt Ion: 95 Resp: 154521

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

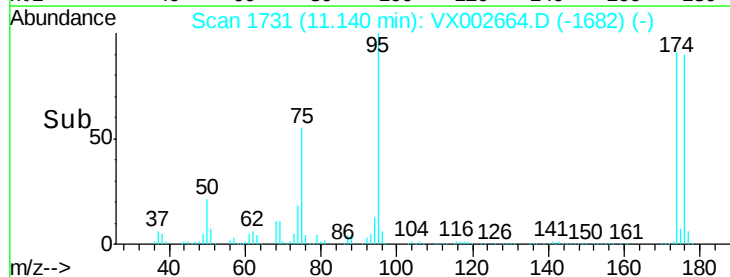
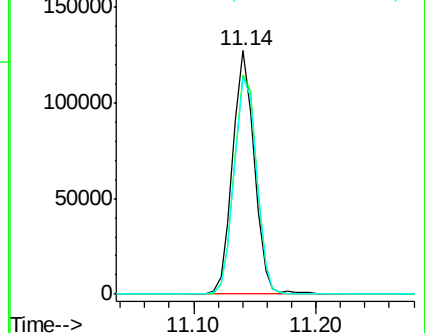
176 92.9 0.0 181.0

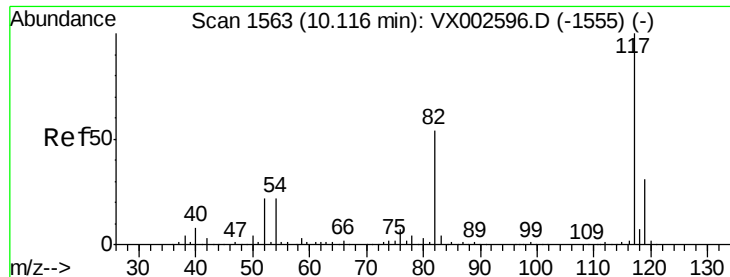


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

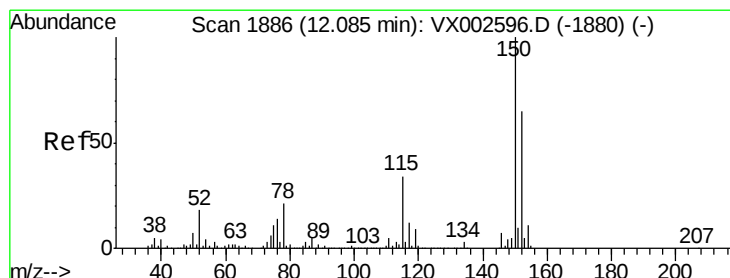
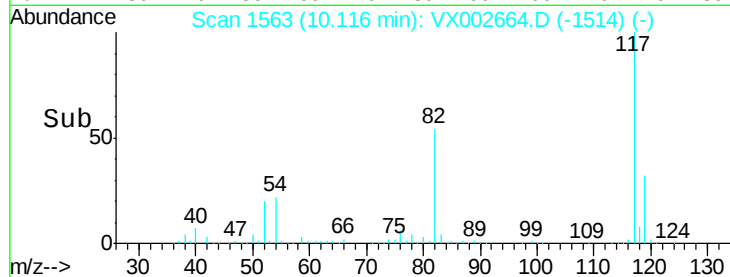
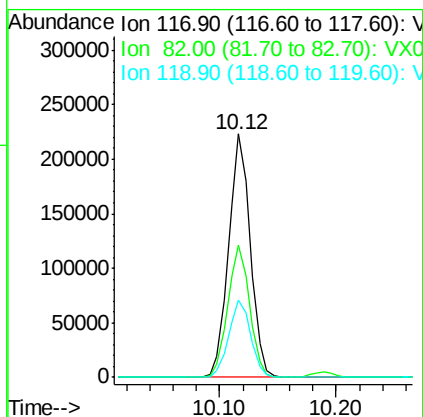
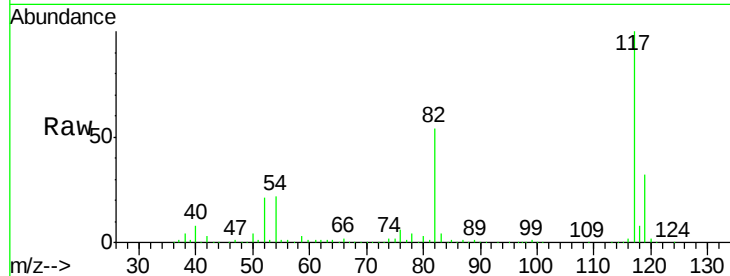




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

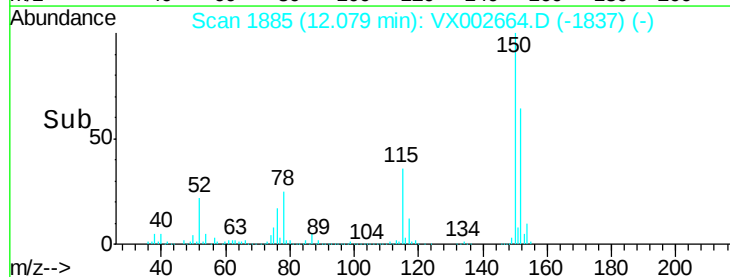
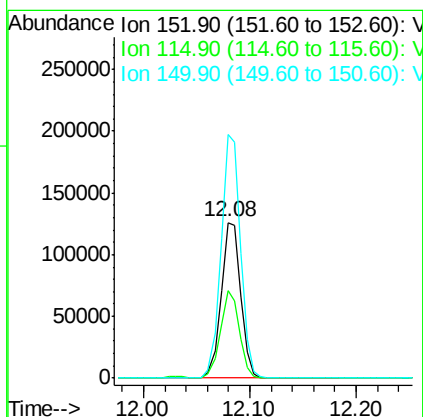
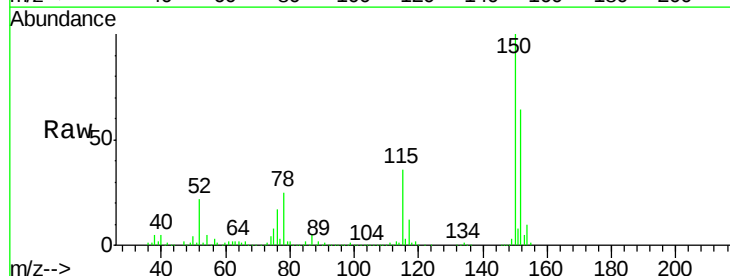
Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

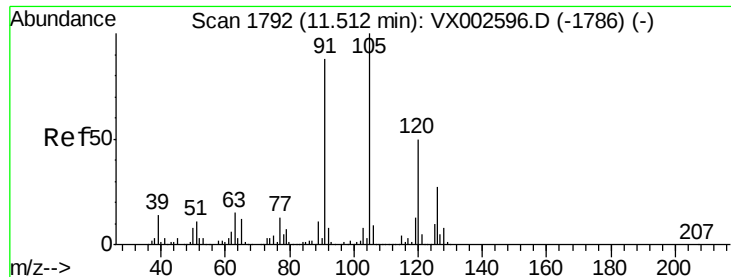
Tot Ion:117 Resp: 288840
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion:152 Resp: 161340
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 155.5 0.0 347.2





#80

1,3,5-Trimethylbenzene

Concen: 2.598 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

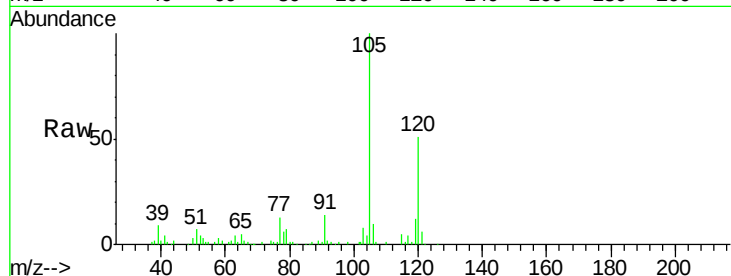
MW-5_061218

Tot Ion:105 Resp: 23694

Ion Ratio Lower Upper

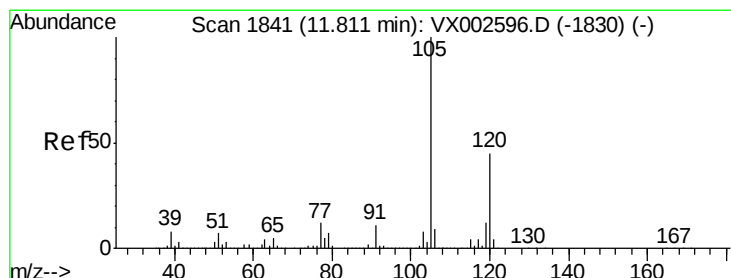
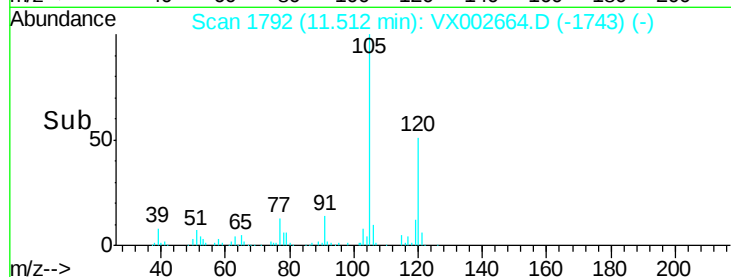
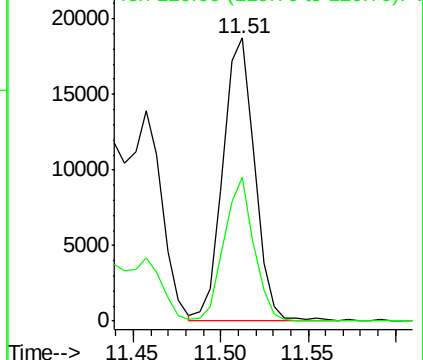
105 100

120 47.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.465 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002664.D

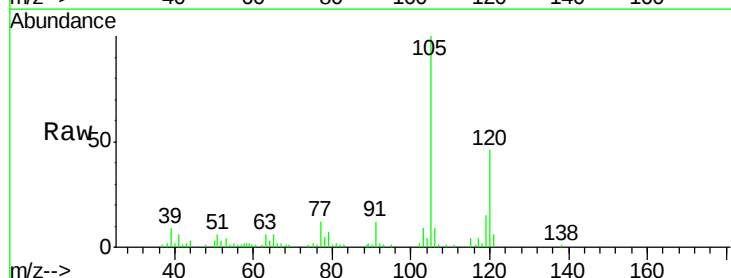
Acq: 16 Jun 2018 22:57

Tgt Ion:105 Resp: 13630

Ion Ratio Lower Upper

105 100

120 48.4 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

