

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003357.D
 Acq On : 12 Jul 2018 17:48
 Operator : JC/MD
 Sample : J3952-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jul 12 19:15:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	60623	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	316337	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	290749	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123080	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	11.14	95	136395	29.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.30%
63) Toluene-d8	8.72	98	376156	29.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.53%

Target Compounds

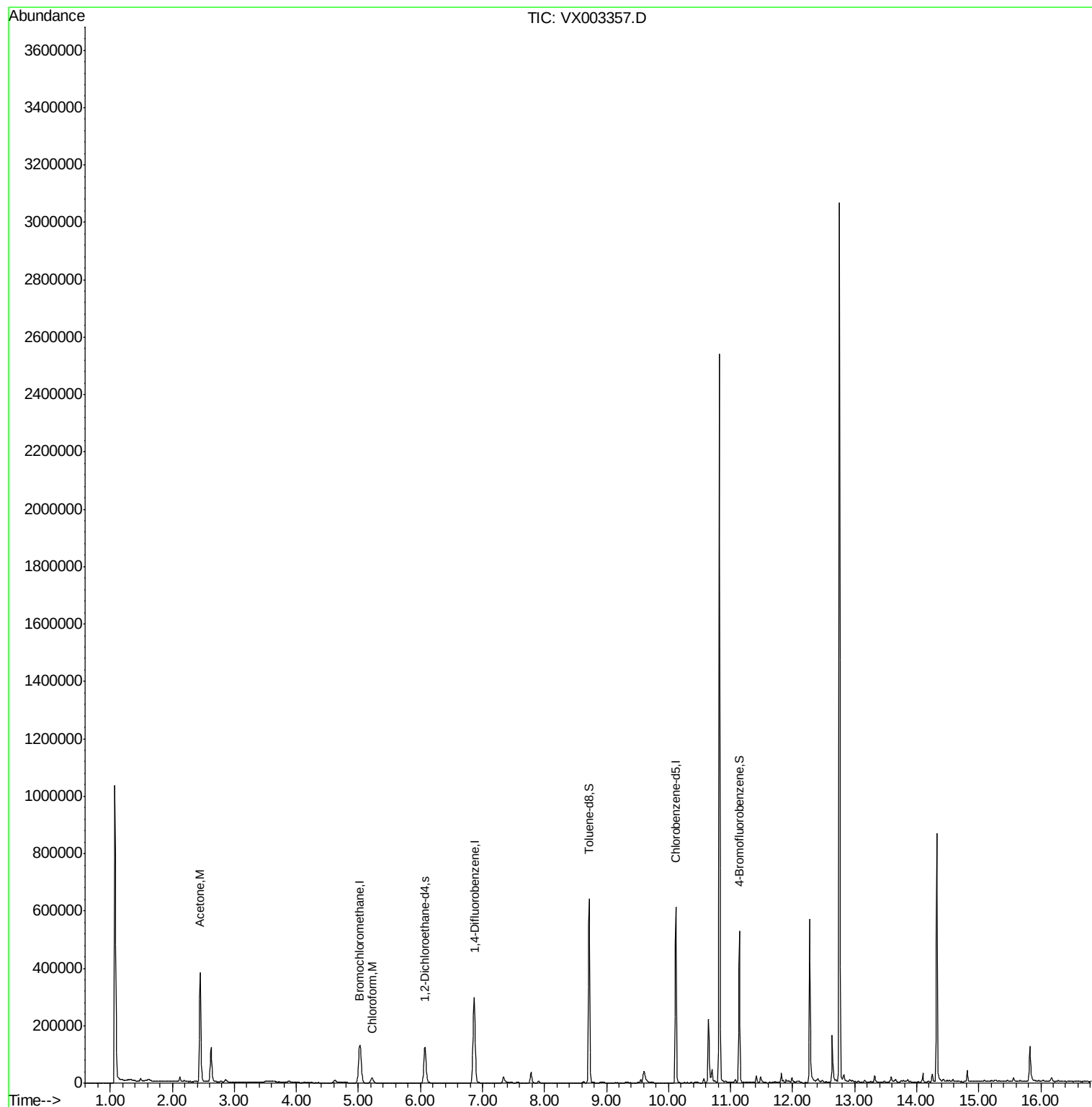
					Ovalue
15) Acetone	2.45	58	136175	225.457	ug/l 77
25) Chloroform	5.22	83	19863	2.902	ug/l 100

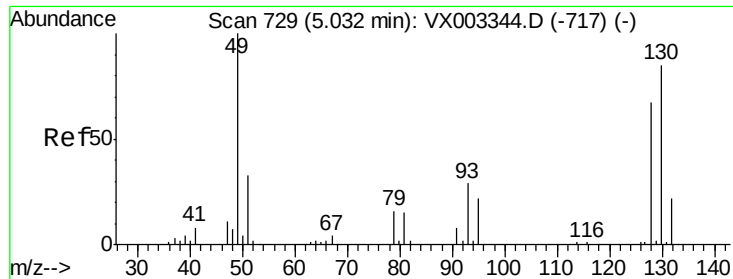
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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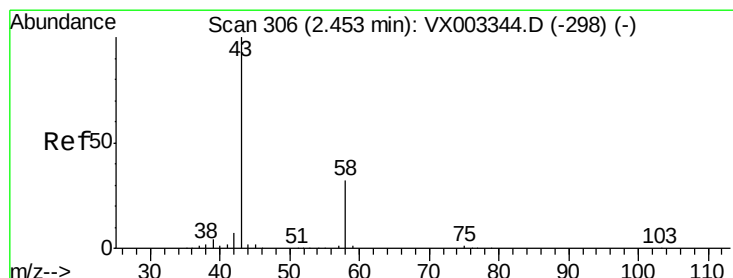
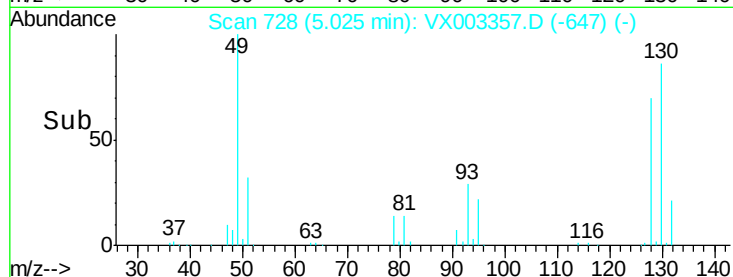
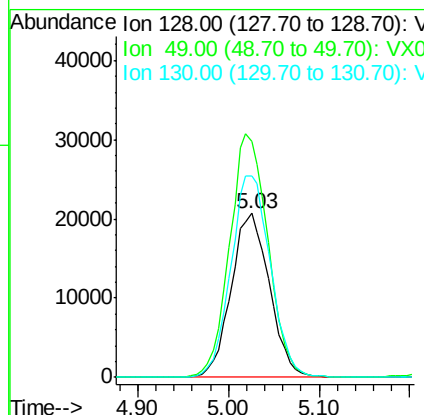
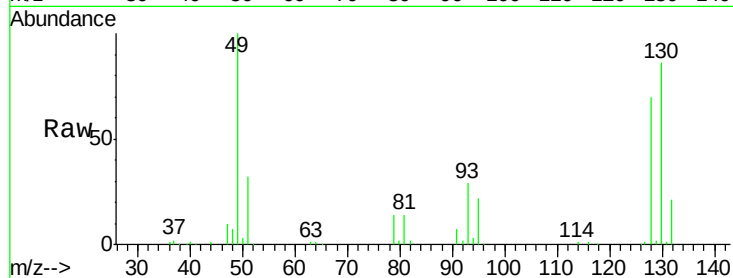




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX003357.D
 Acq: 12 Jul 2018 17:48

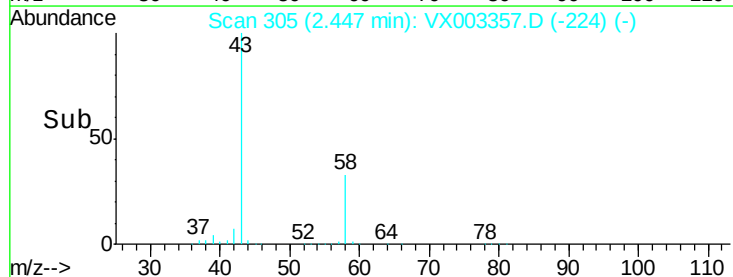
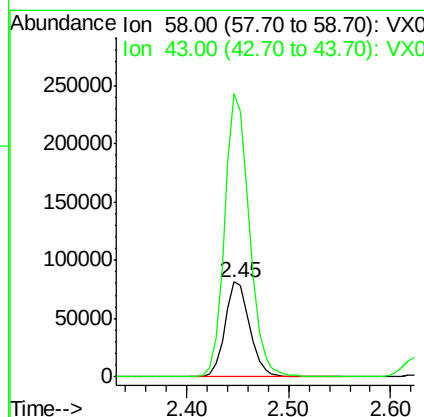
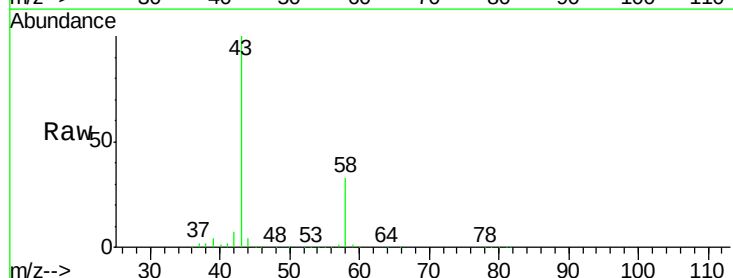
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

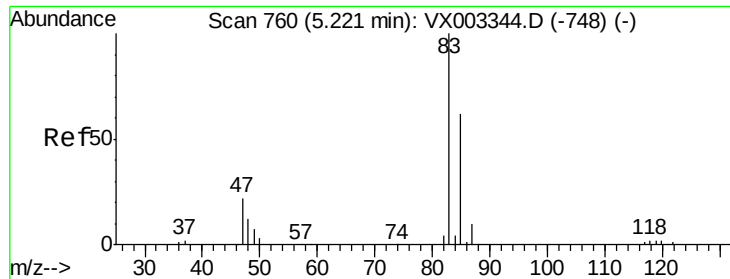
Tot Ion:128 Resp: 60623
 Ion Ratio Lower Upper
 128 100
 49 148.6 0.0 423.0
 130 127.2 0.0 324.3



#15
 Acetone
 Concen: 225.457 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX003357.D
 Acq: 12 Jul 2018 17:48

Tgt Ion: 58 Resp: 136175
 Ion Ratio Lower Upper
 58 100
 43 299.0 278.8 418.2





#25

Chloroform

Concen: 2.902 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003357.D

Acq: 12 Jul 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

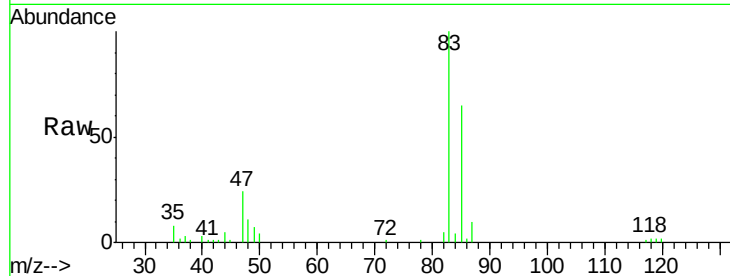
EFF-WW

Tot Ion: 83 Resp: 19863

Ion Ratio Lower Upper

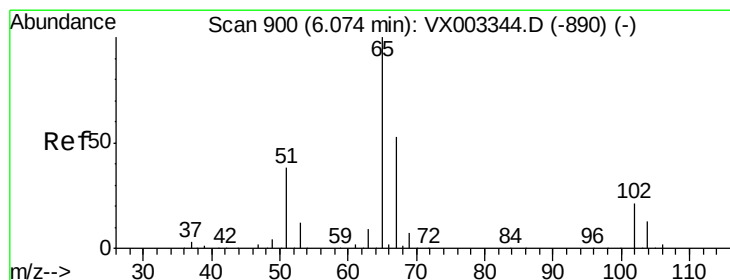
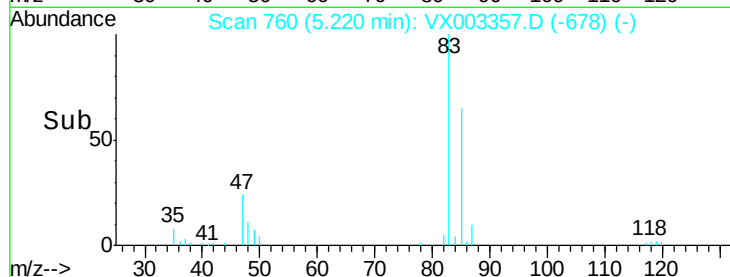
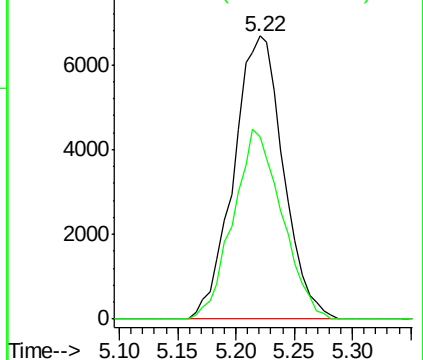
83 100

85 64.6 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 29.727 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003357.D

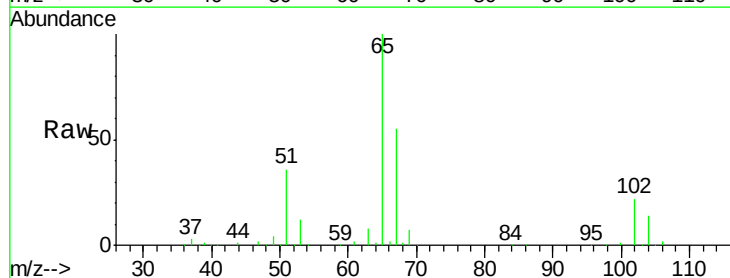
Acq: 12 Jul 2018 17:48

Tgt Ion: 65 Resp: 123080

Ion Ratio Lower Upper

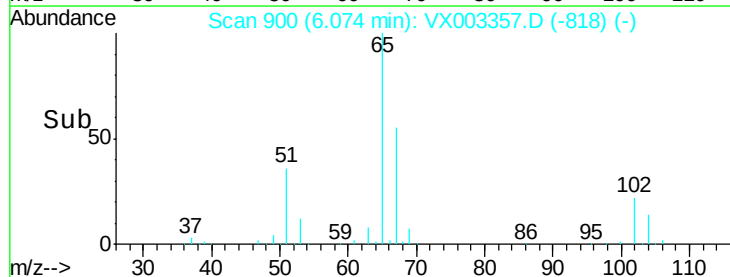
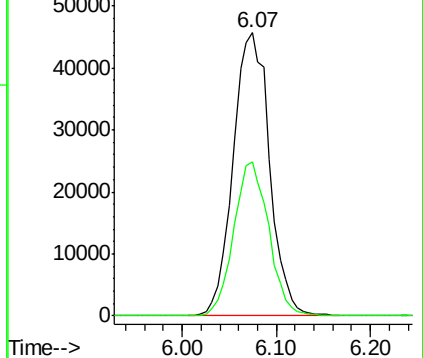
65 100

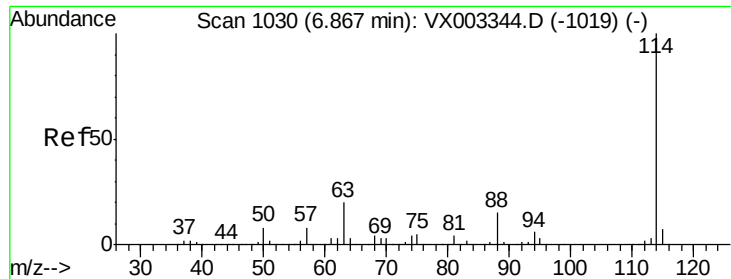
67 52.4 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

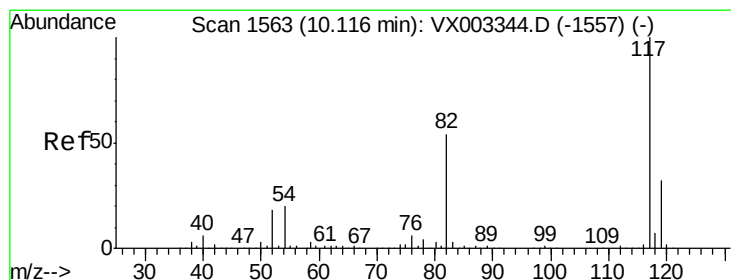
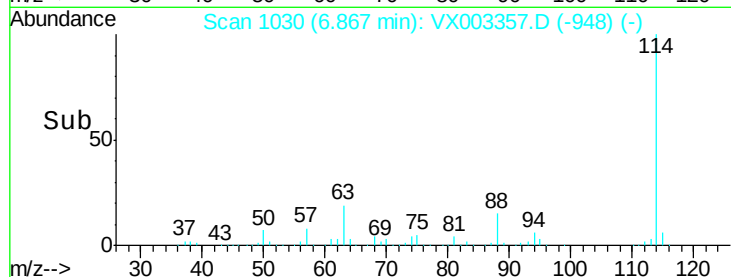
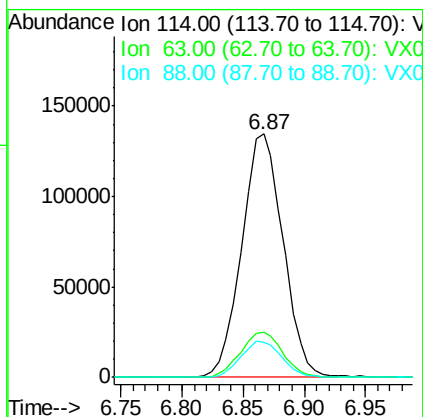
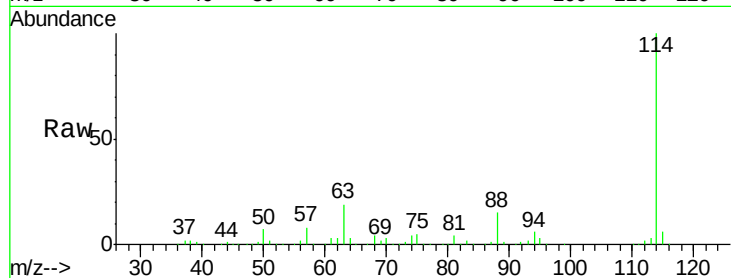




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003357.D
 Acq: 12 Jul 2018 17:48

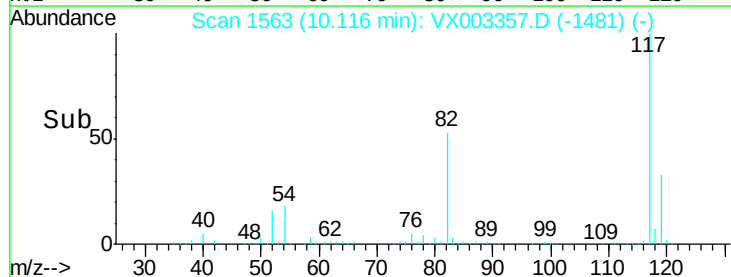
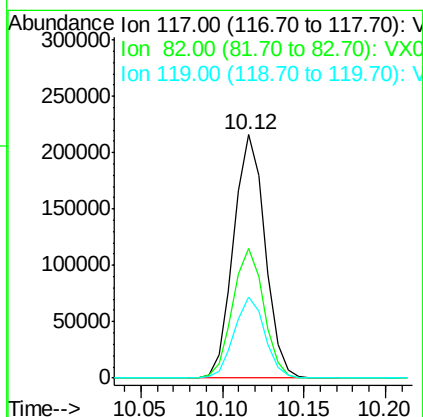
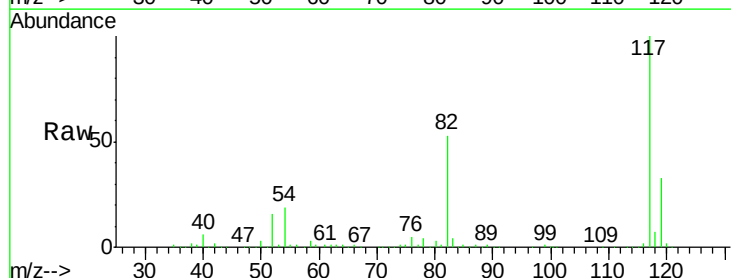
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

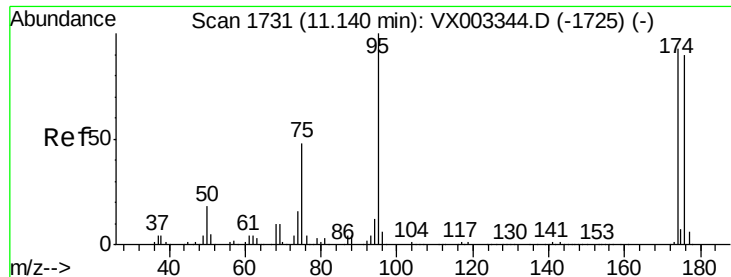
Tot Ion:114 Resp: 316337
 Ion Ratio Lower Upper
 114 100
 63 19.0 17.1 25.7
 88 14.8 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX003357.D
 Acq: 12 Jul 2018 17:48

Tgt Ion:117 Resp: 290749
 Ion Ratio Lower Upper
 117 100
 82 53.0 44.3 66.5
 119 32.5 25.7 38.5

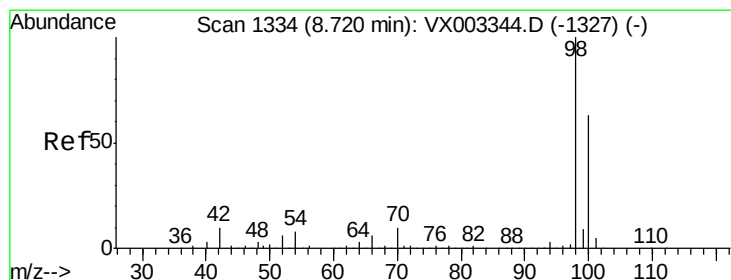
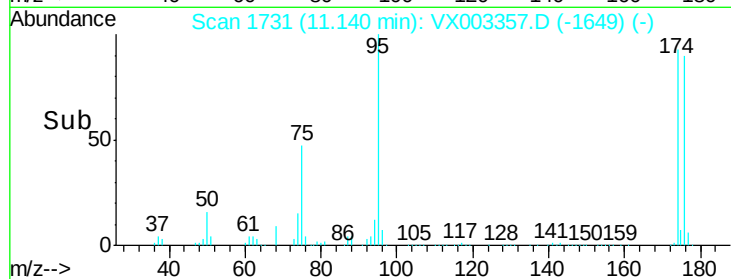
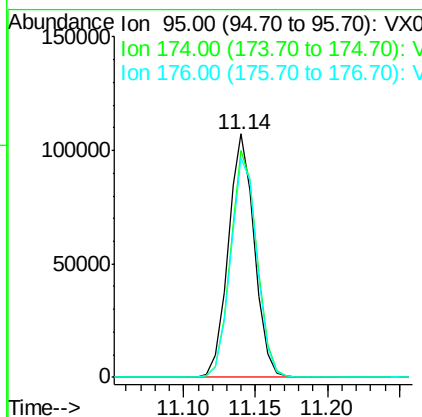
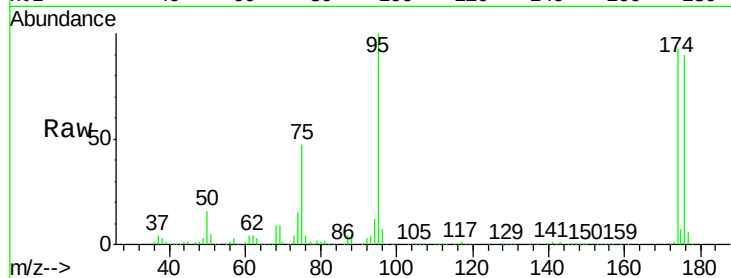




#60
4-Bromofluorobenzene
Concen: 29.194 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003357.D
Acq: 12 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampled :
EFF-WW

Tot Ion: 95 Resp: 136395
Ion Ratio Lower Upper
95 100
174 94.0 71.8 107.6
176 91.0 70.1 105.1



#63
Toluene-d8
Concen: 29.264 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003357.D
Acq: 12 Jul 2018 17:48

Tgt Ion: 98 Resp: 376156
Ion Ratio Lower Upper
98 100
100 64.8 50.8 76.2

