

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007226.D
 Acq On : 25 Jan 2019 13:39
 Operator : JC/SP
 Sample : K1226-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jan 28 11:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	81878	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	444017	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	393228	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	166777	31.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.43%
60) 4-Bromofluorobenzene	11.13	95	173069	28.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.07%
63) Toluene-d8	8.71	98	522495	29.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.27%

Target Compounds

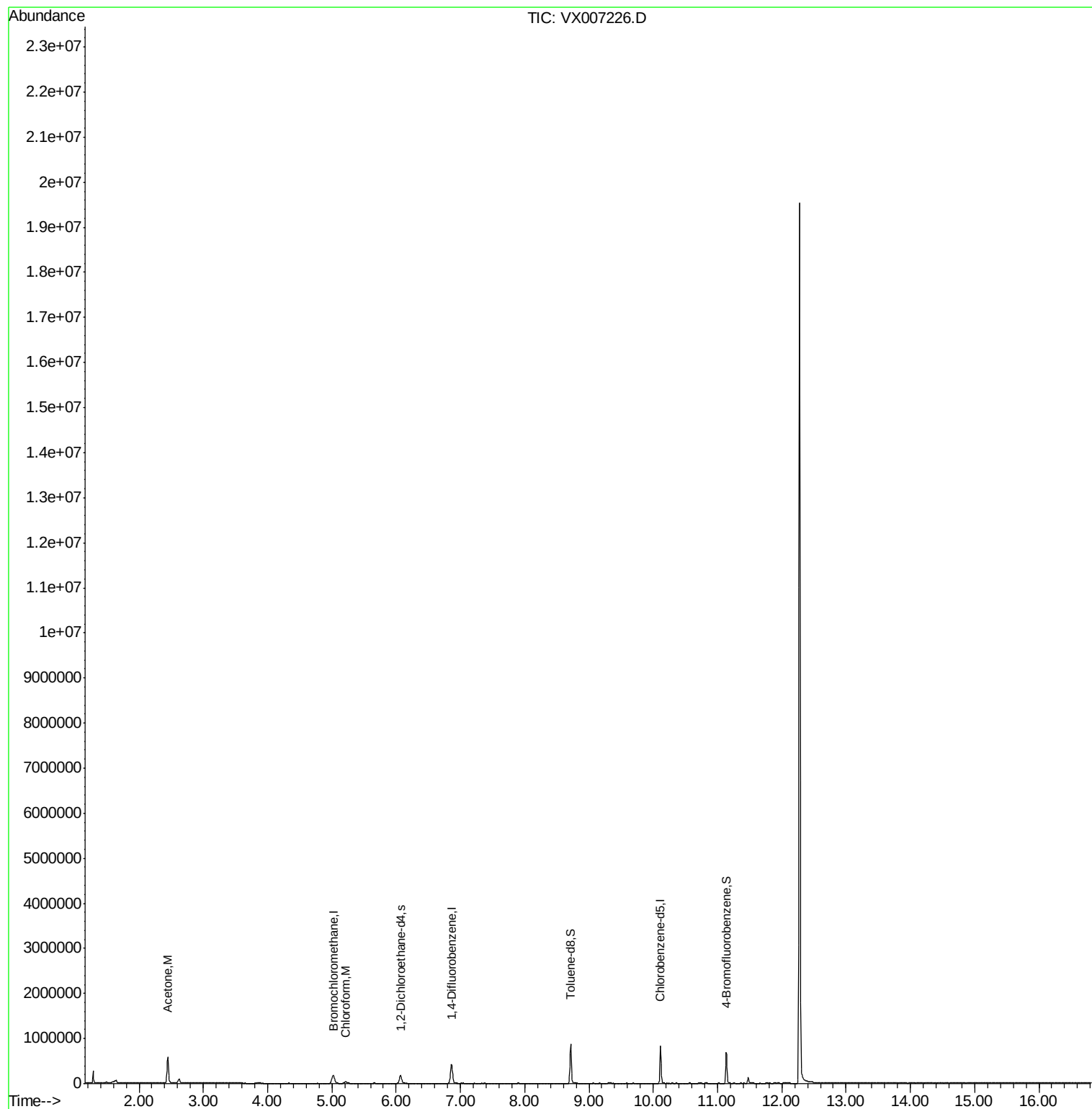
					Ovalue
15) Acetone	2.45	58	189180	247.015	ug/l 98
25) Chloroform	5.21	83	36751	4.551	ug/l 93

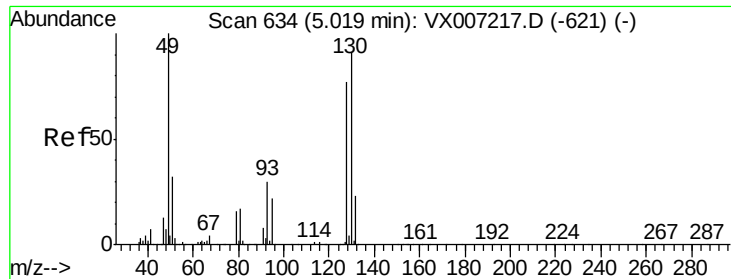
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:35:22 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007226.D

Acq: 25 Jan 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

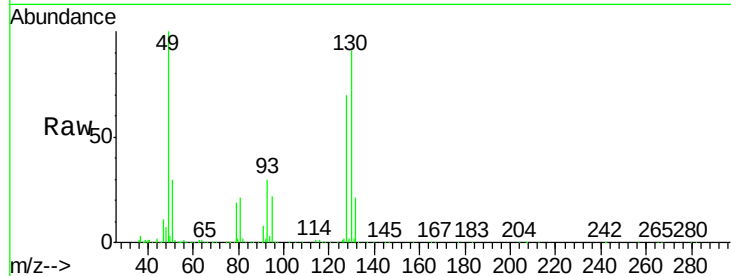
Tot Ion:128 Resp: 81878

Ion Ratio Lower Upper

128 100

49 141.9 0.0 345.5

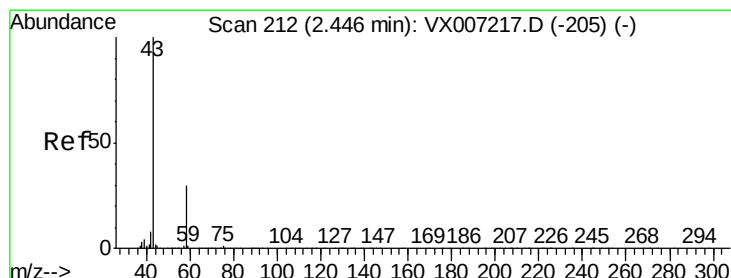
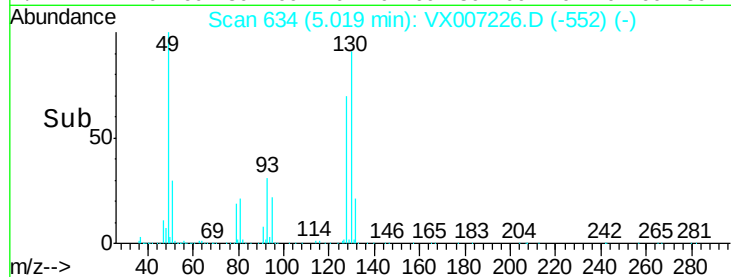
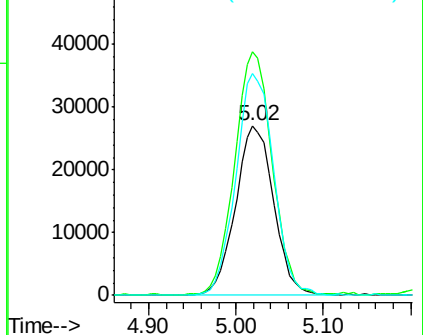
130 130.0 0.0 320.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 247.015 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007226.D

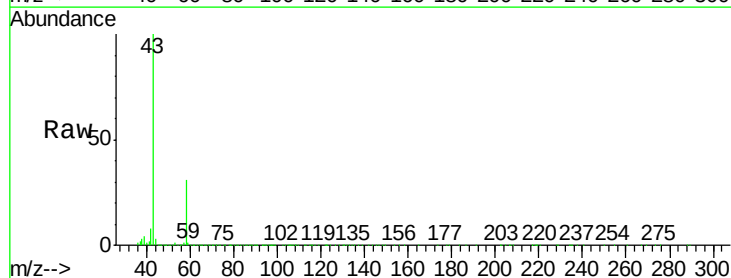
Acq: 25 Jan 2019 13:39

Tgt Ion: 58 Resp: 189180

Ion Ratio Lower Upper

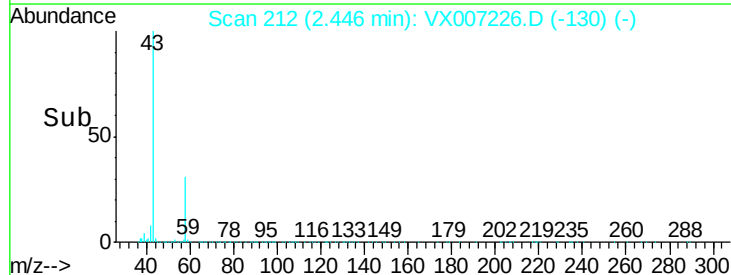
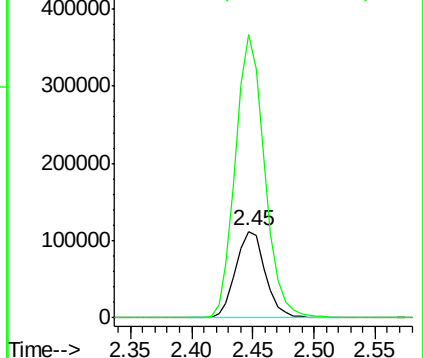
58 100

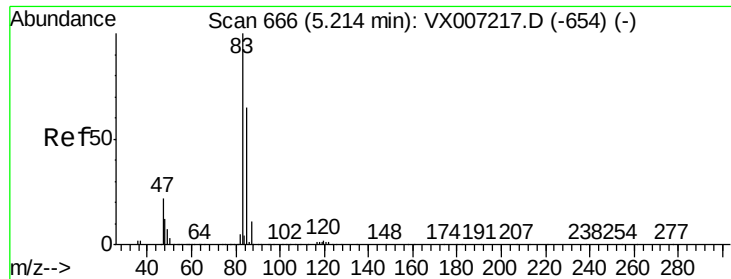
43 327.7 265.9 398.9



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 4.551 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007226.D

Acq: 25 Jan 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

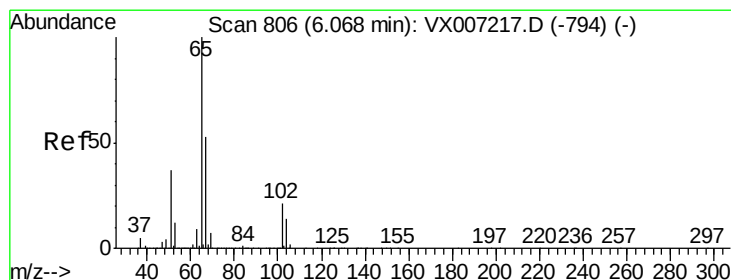
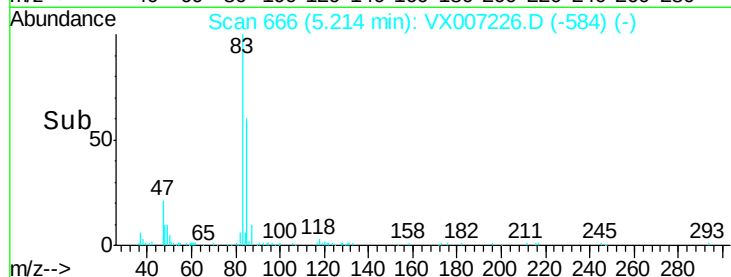
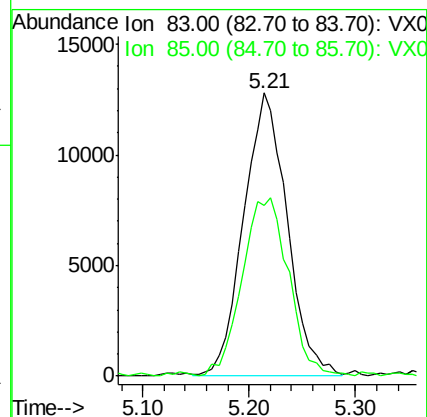
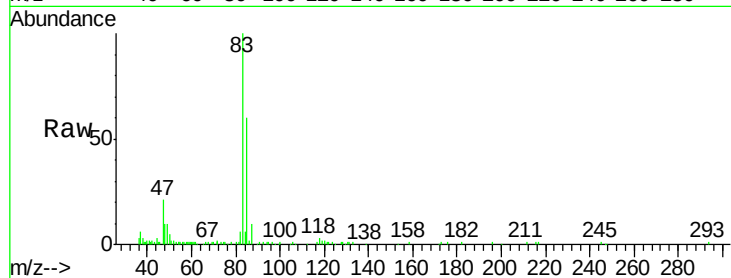
EFF-WW

Tot Ion: 83 Resp: 36751

Ion Ratio Lower Upper

83 100

85 59.6 51.9 77.9



#27

1,2-Dichloroethane-d4

Concen: 31.030 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007226.D

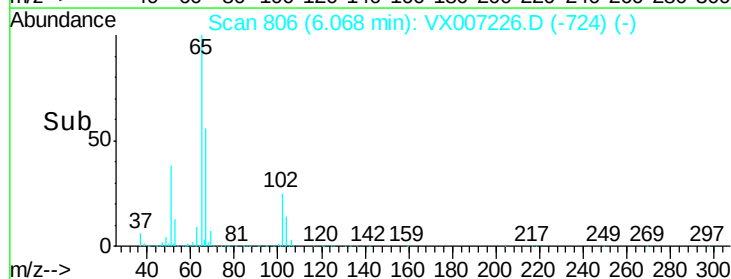
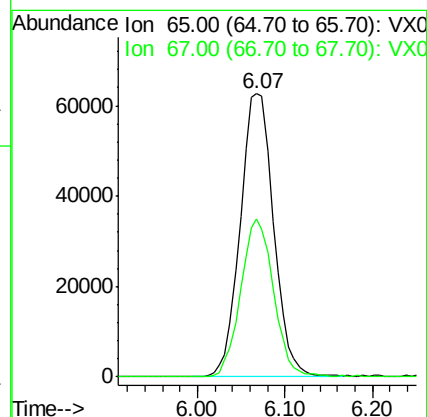
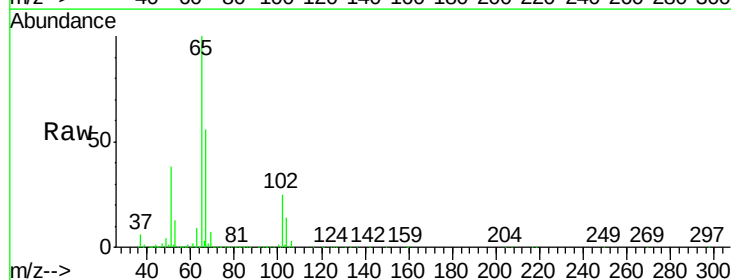
Acq: 25 Jan 2019 13:39

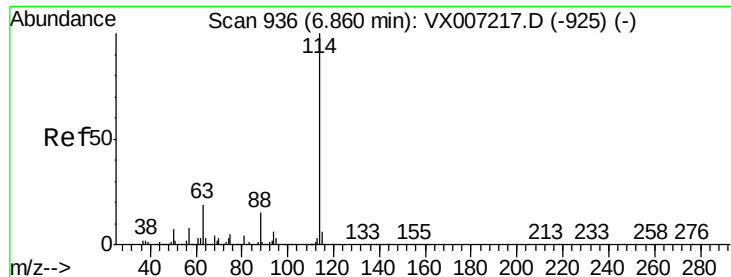
Tgt Ion: 65 Resp: 166777

Ion Ratio Lower Upper

65 100

67 54.6 42.0 63.0

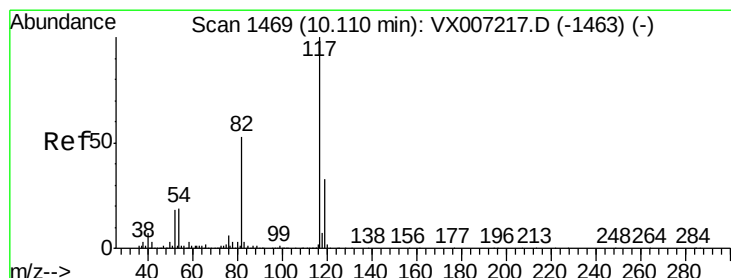
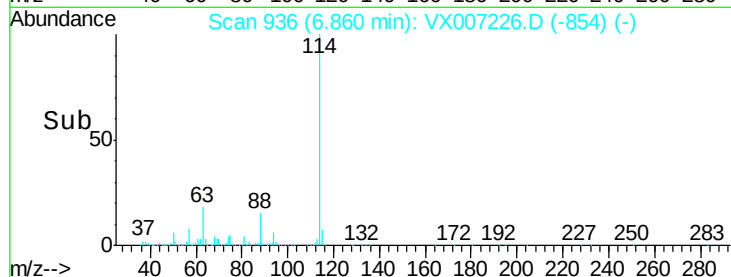
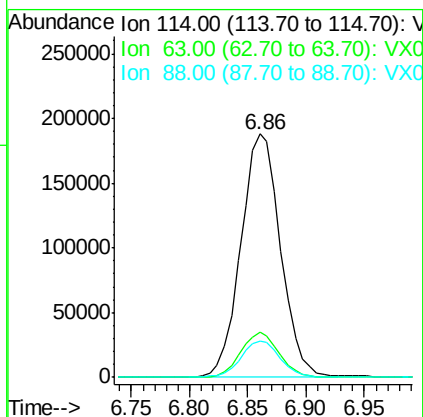
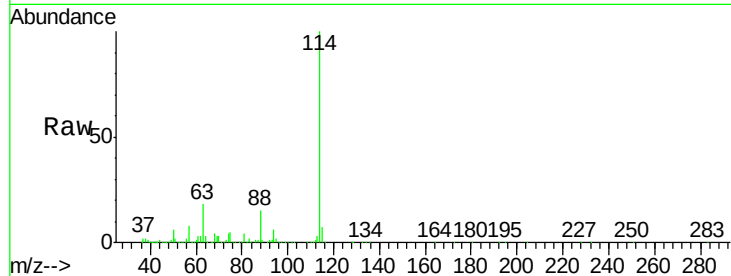




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007226.D
 Acq: 25 Jan 2019 13:39

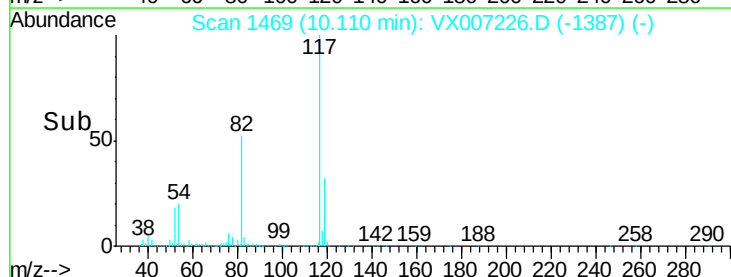
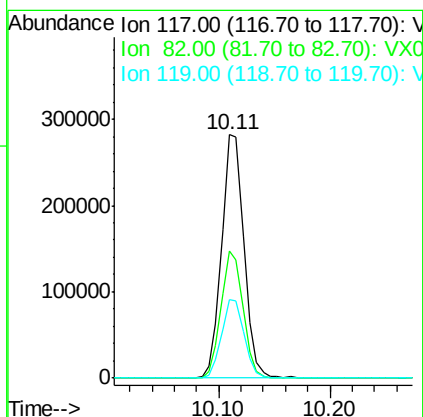
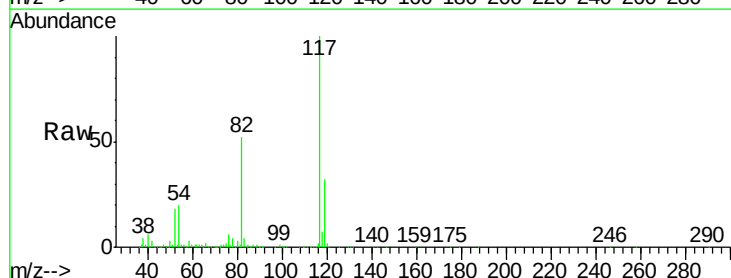
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

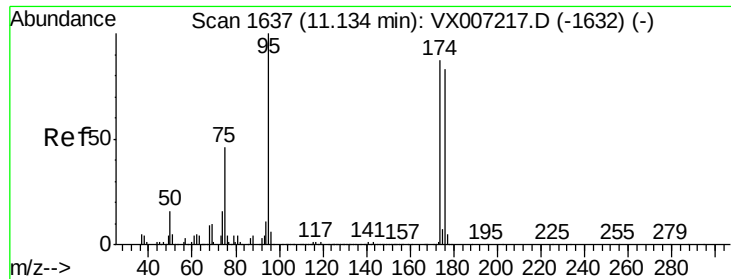
Tot Ion:114 Resp: 444017
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 14.8 11.8 17.6



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007226.D
 Acq: 25 Jan 2019 13:39

Tgt Ion:117 Resp: 393228
 Ion Ratio Lower Upper
 117 100
 82 51.5 41.4 62.0
 119 32.4 25.7 38.5

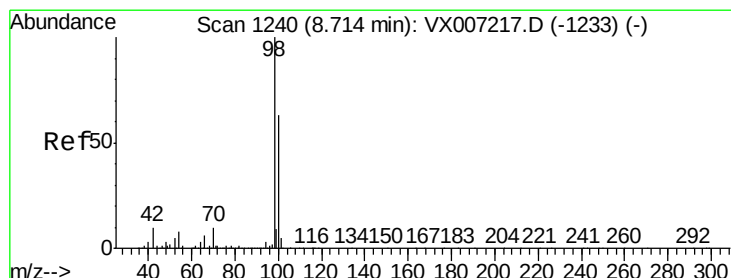
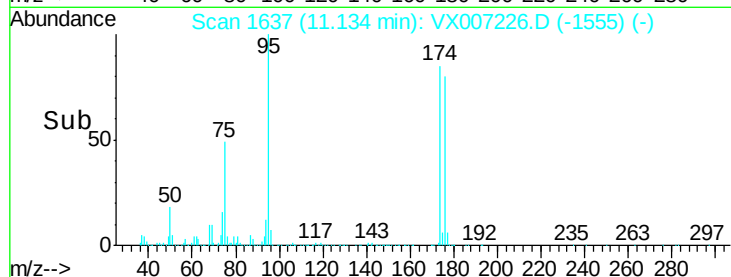
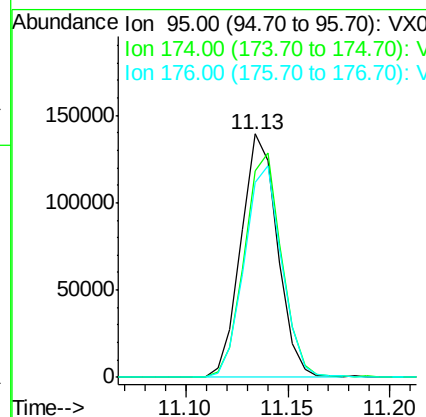
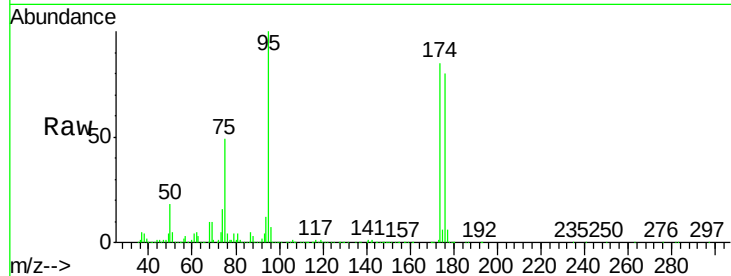




#60
4-Bromofluorobenzene
Concen: 28.516 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007226.D
Acq: 25 Jan 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion: 95 Resp: 173069
Ion Ratio Lower Upper
95 100
174 94.2 74.8 112.2
176 90.0 72.5 108.7



#63
Toluene-d8
Concen: 29.478 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007226.D
Acq: 25 Jan 2019 13:39

Tgt Ion: 98 Resp: 522495
Ion Ratio Lower Upper
98 100
100 64.8 49.9 74.9

