

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007224.D
 Acq On : 25 Jan 2019 12:46
 Operator : JC/SP
 Sample : K1243-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jan 28 11:00:36 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	5.01	128	83961	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	439905	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	396399	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	162861	29.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.50%
60) 4-Bromofluorobenzene	11.13	95	174934	28.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.30%
63) Toluene-d8	8.71	98	525682	29.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.07%

Target Compounds

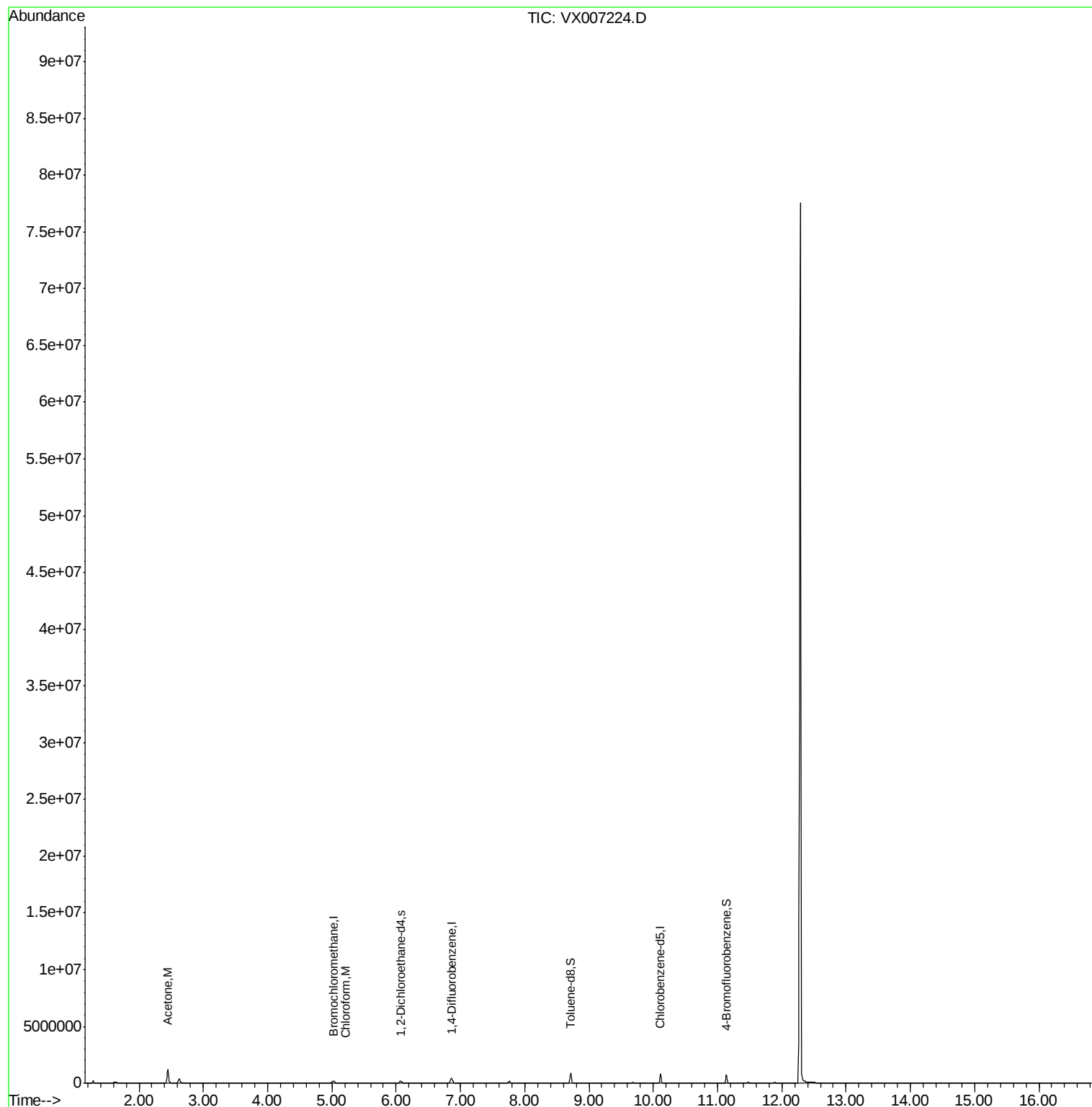
					Ovalue
15) Acetone	2.45	58	391477	498.476	ug/l 95
25) Chloroform	5.21	83	24024	2.901	ug/l 94

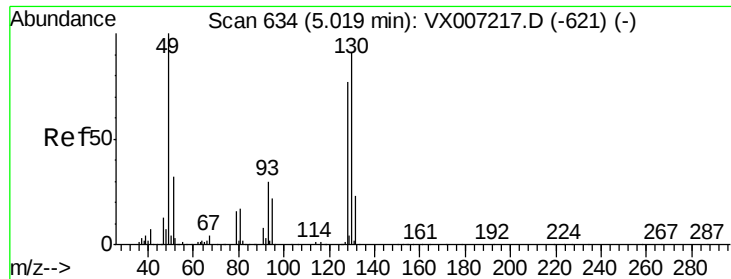
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012519\
Data File : VX007224.D
Acq On : 25 Jan 2019 12:46
Operator : JC/SP
Sample : K1243-01 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Time: Jan 28 11:00:36 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX007224.D

Acq: 25 Jan 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

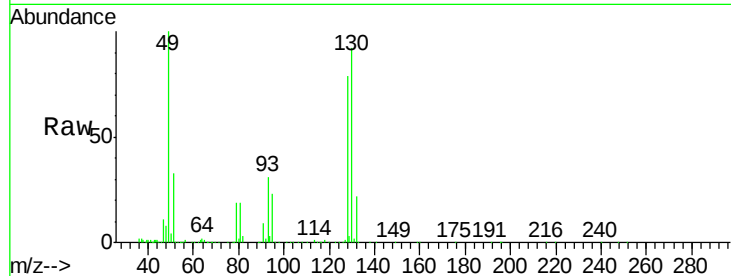
Tot Ion:128 Resp: 83961

Ion Ratio Lower Upper

128 100

49 135.1 0.0 345.5

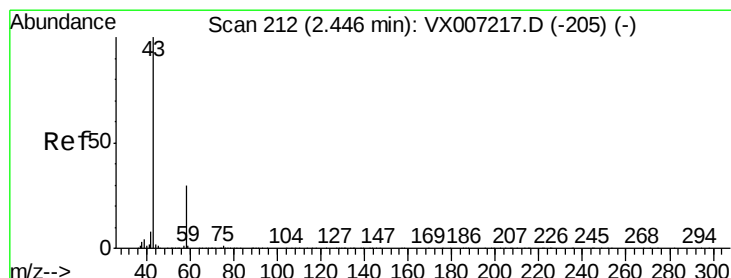
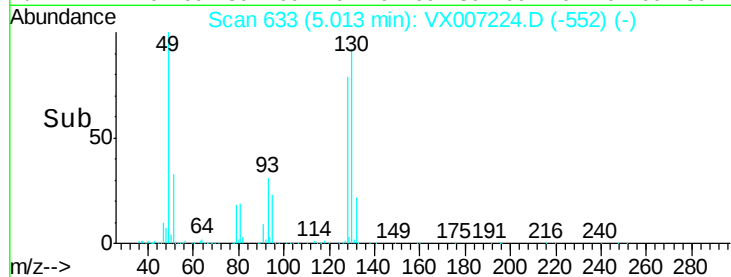
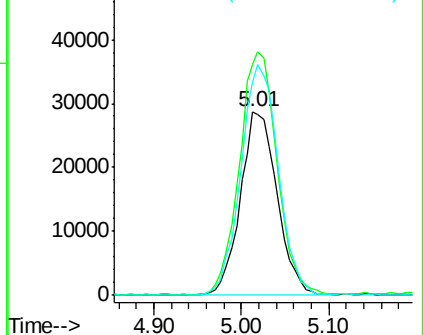
130 128.2 0.0 320.0



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: 498.476 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007224.D

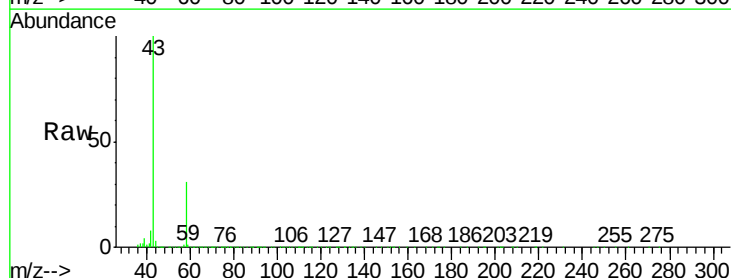
Acq: 25 Jan 2019 12:46

Tgt Ion: 58 Resp: 391477

Ion Ratio Lower Upper

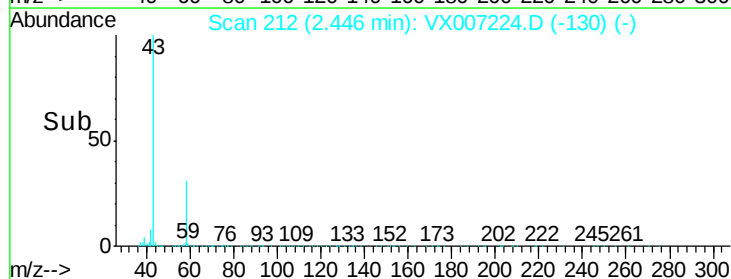
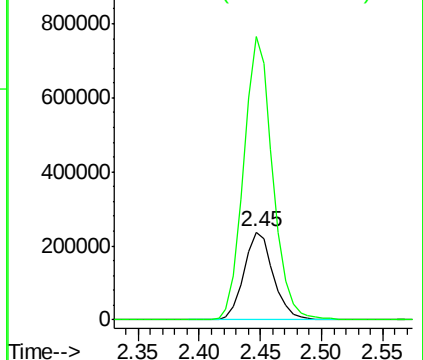
58 100

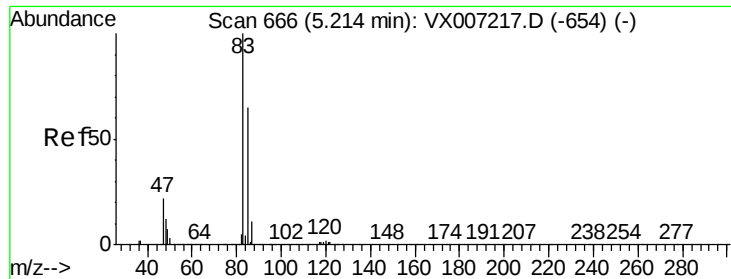
43 321.5 265.9 398.9



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 2.901 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX007224.D

Acq: 25 Jan 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

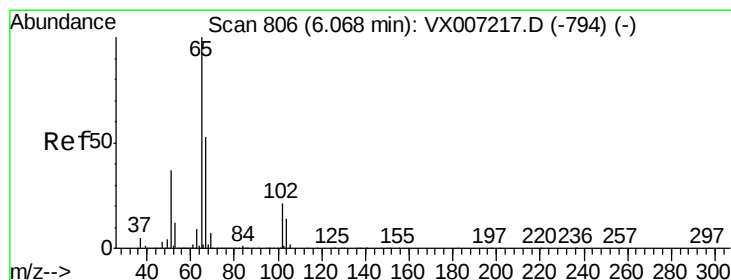
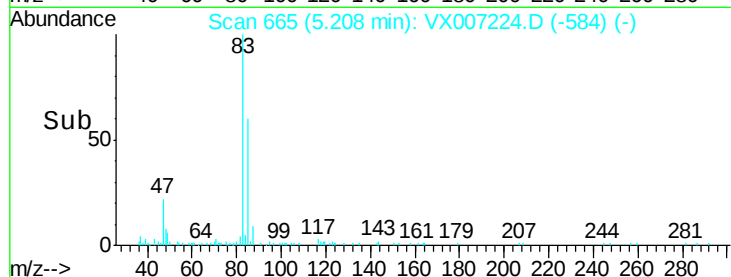
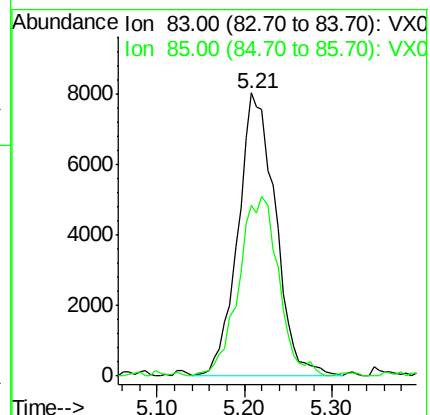
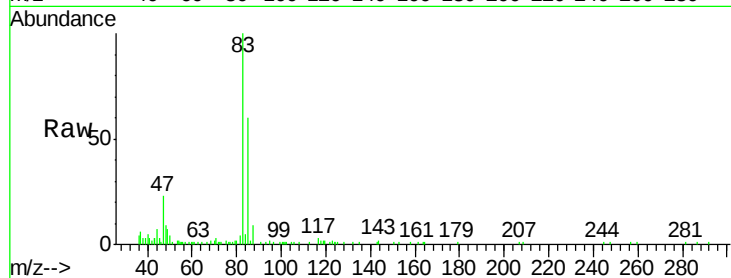
EFF-WW

Tot Ion: 83 Resp: 24024

Ion Ratio Lower Upper

83 100

85 60.4 51.9 77.9



#27

1,2-Dichloroethane-d4

Concen: 29.550 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007224.D

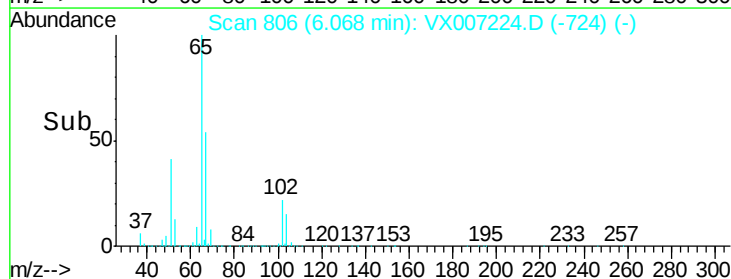
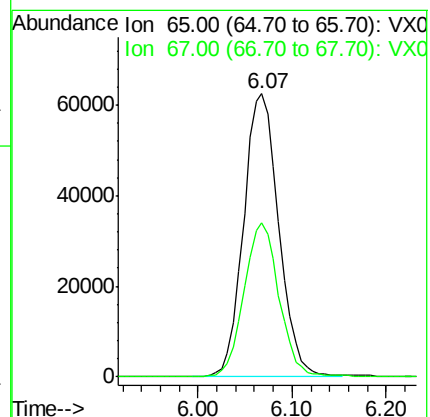
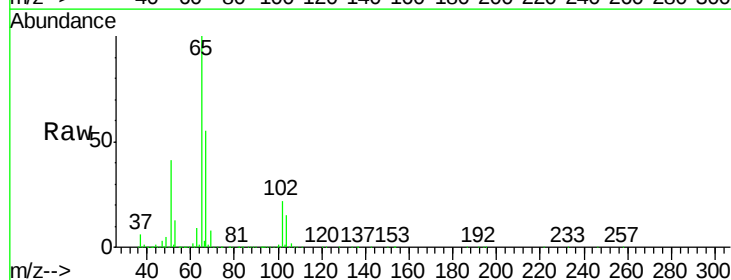
Acq: 25 Jan 2019 12:46

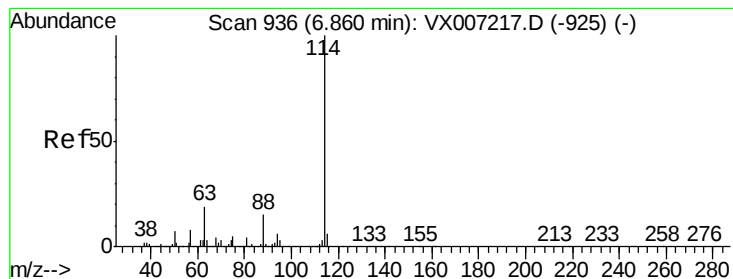
Tgt Ion: 65 Resp: 162861

Ion Ratio Lower Upper

65 100

67 54.1 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: VX007224.D

Acq: 25 Jan 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

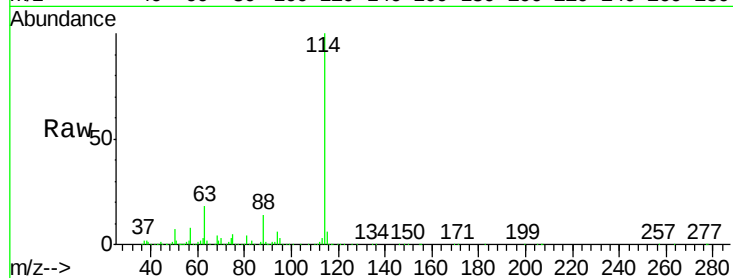
Tot Ion:114 Resp: 439905

Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

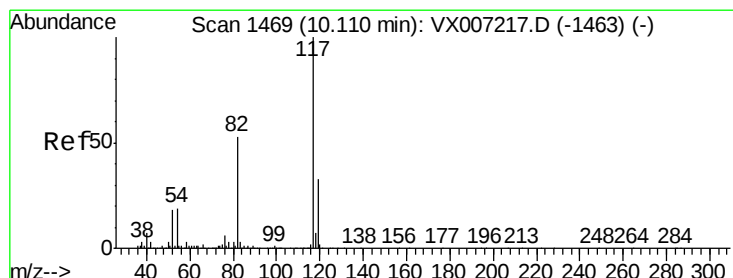
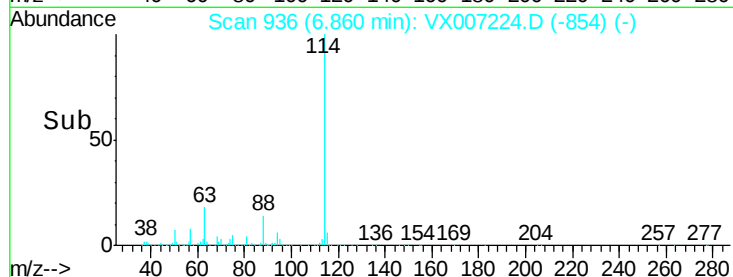
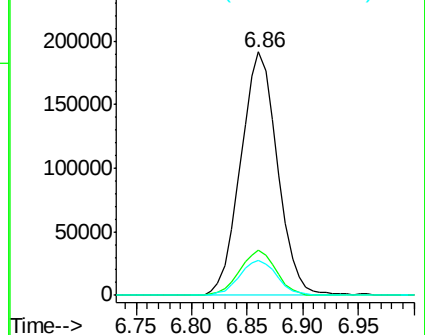
88 14.6 11.8 17.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007224.D

Acq: 25 Jan 2019 12:46

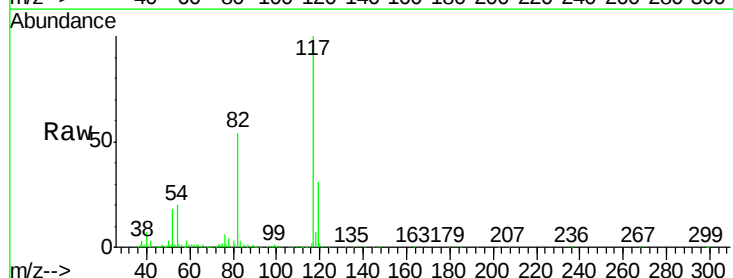
Tgt Ion:117 Resp: 396399

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.0

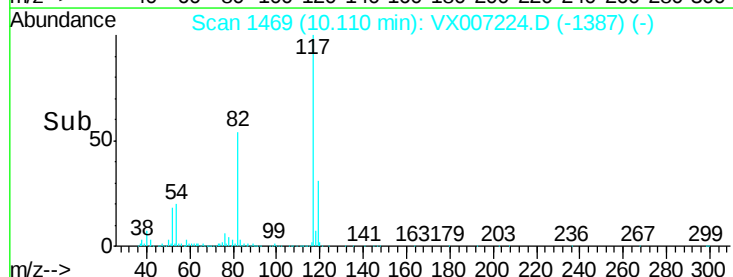
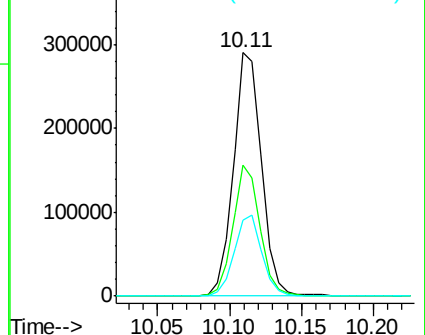
119 32.9 25.7 38.5

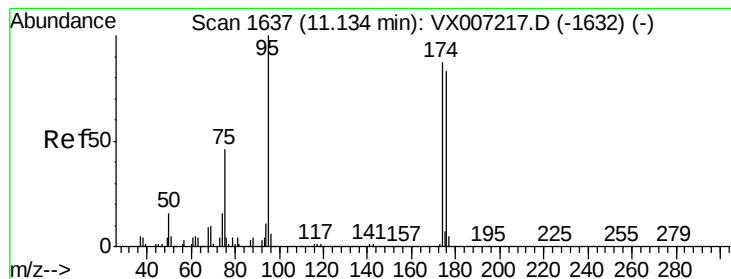


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007224.D

Acq: 25 Jan 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

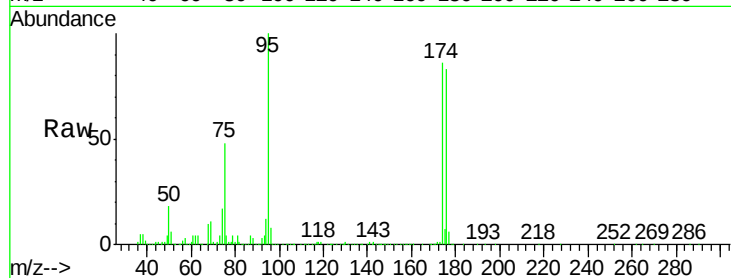
Tot Ion: 95 Resp: 174934

Ion Ratio Lower Upper

95 100

174 94.3 74.8 112.2

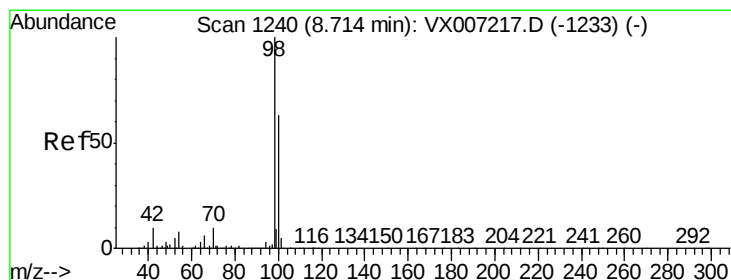
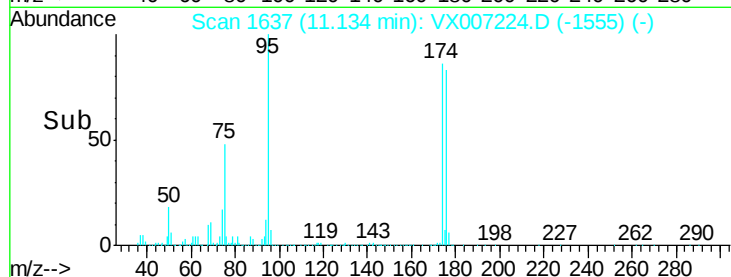
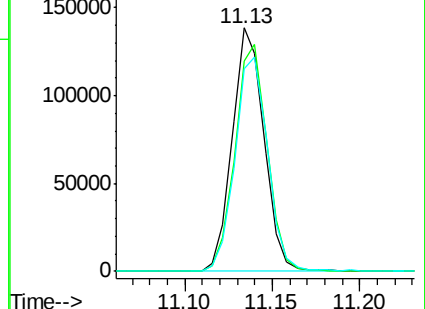
176 90.5 72.5 108.7



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 29.421 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007224.D

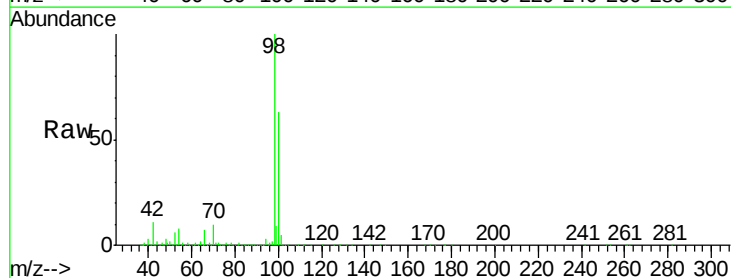
Acq: 25 Jan 2019 12:46

Tgt Ion: 98 Resp: 525682

Ion Ratio Lower Upper

98 100

100 63.7 49.9 74.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

