

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008171.D
 Acq On : 18 Mar 2019 17:45
 Operator : JC/SP
 Sample : K1909-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-02

Quant Time: Mar 19 03:23:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51509	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	275210	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	232846	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	128420	29.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.90%
60) 4-Bromofluorobenzene	11.13	95	108376	27.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.97%
63) Toluene-d8	8.71	98	342605	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

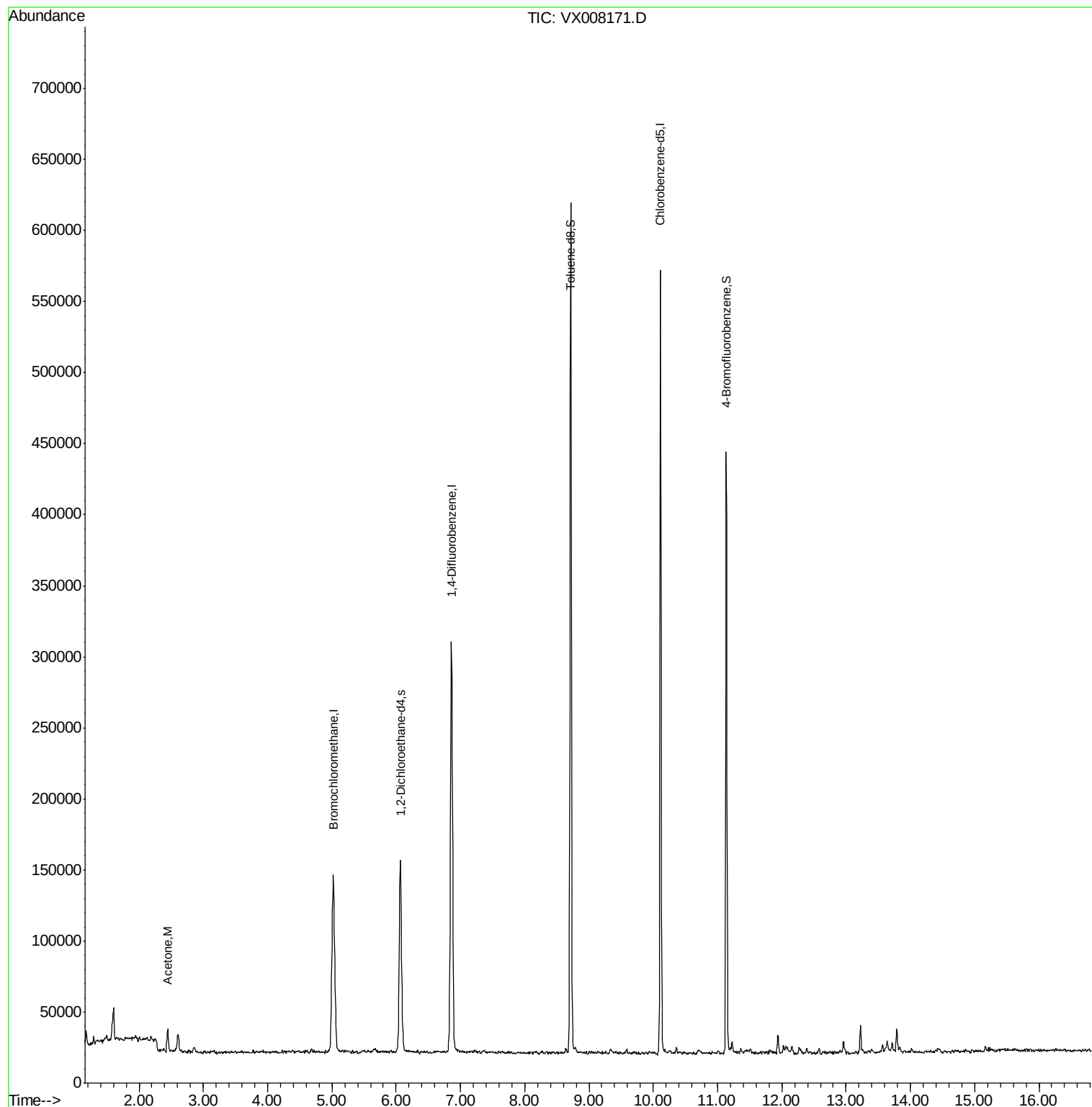
Target Compounds					Ovalue
15) Acetone	2.45	58	5149	9.117 ug/l	91

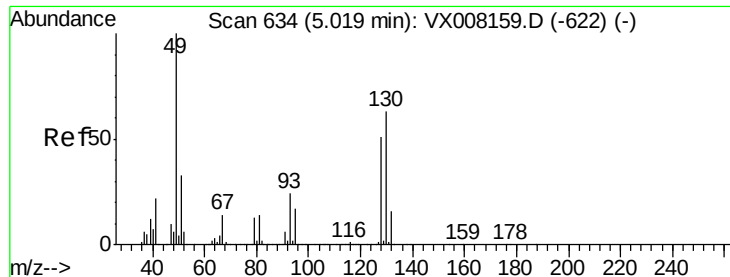
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008171.D

Acq: 18 Mar 2019 17:45

Instrument :

MSVOA_X

ClientSampled :

MH-02

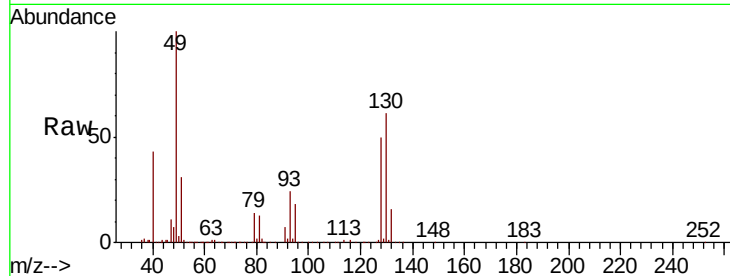
Tot Ion:128 Resp: 51509

Ion Ratio Lower Upper

128 100

49 189.7 0.0 350.8

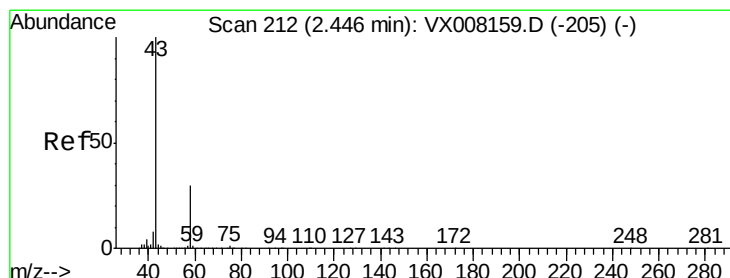
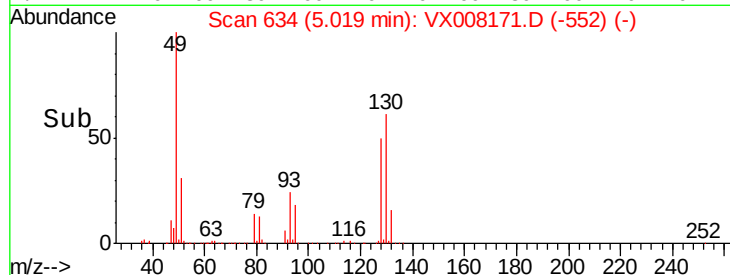
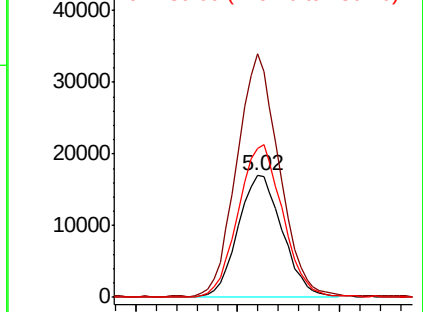
130 125.9 0.0 325.8



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: 9.117 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008171.D

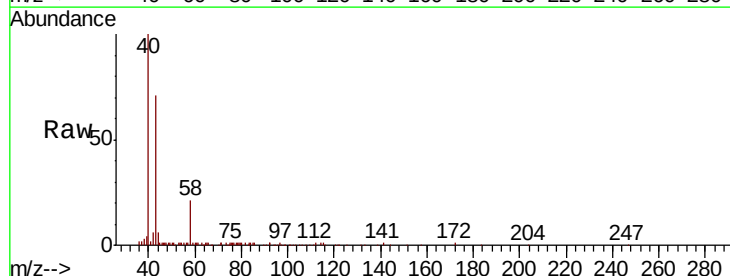
Acq: 18 Mar 2019 17:45

Tgt Ion: 58 Resp: 5149

Ion Ratio Lower Upper

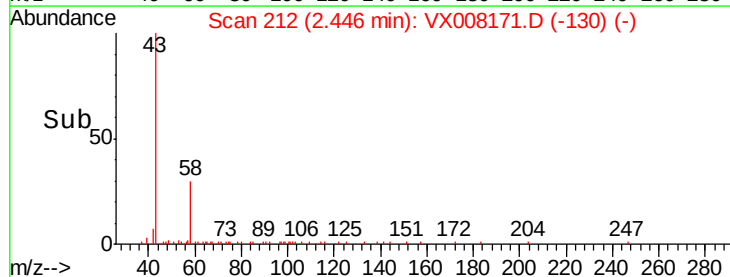
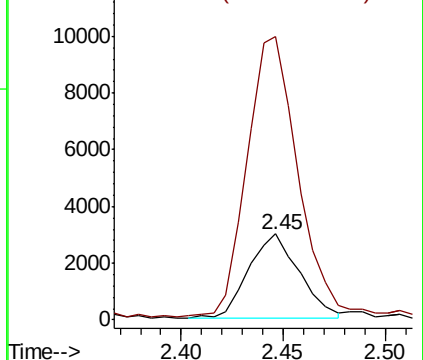
58 100

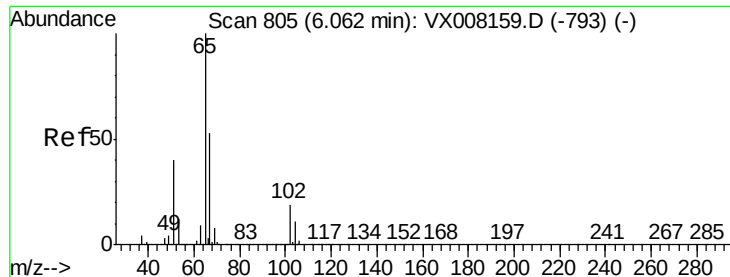
43 330.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

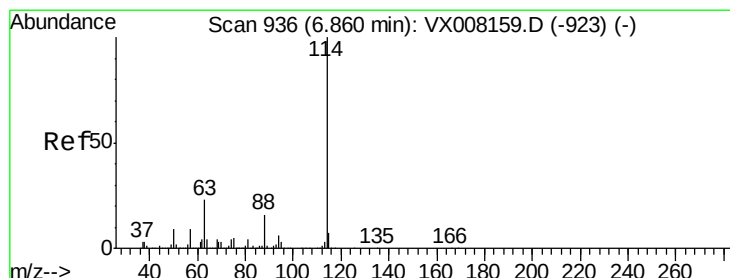
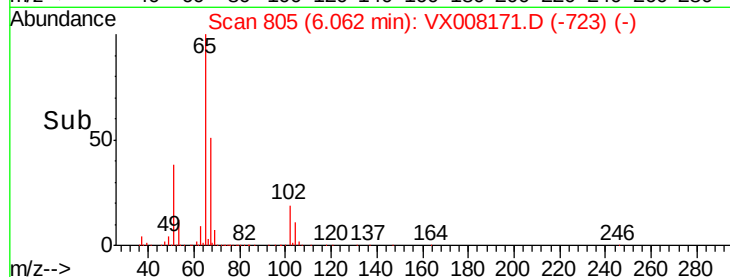
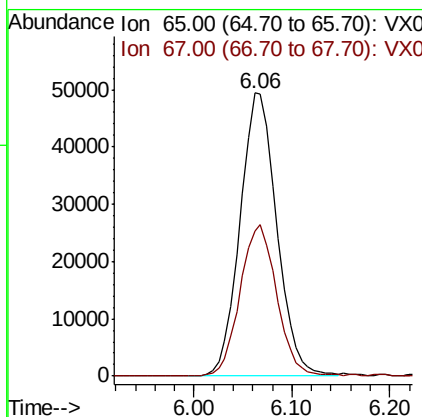
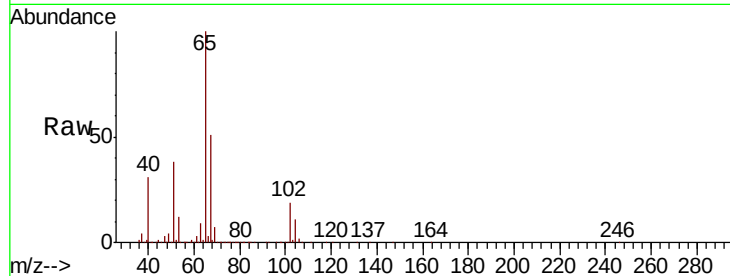




#27
 1,2-Dichloroethane-d4
 Concen: 29.972 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008171.D
 Acq: 18 Mar 2019 17:45

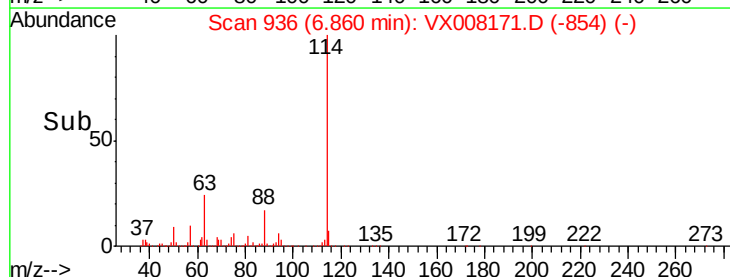
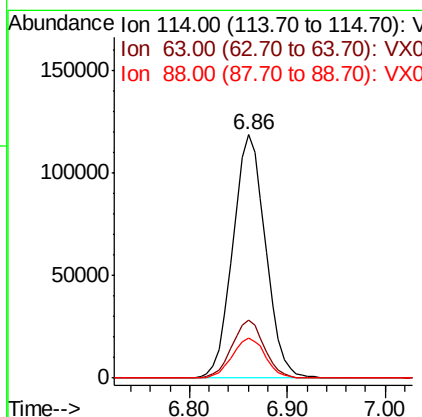
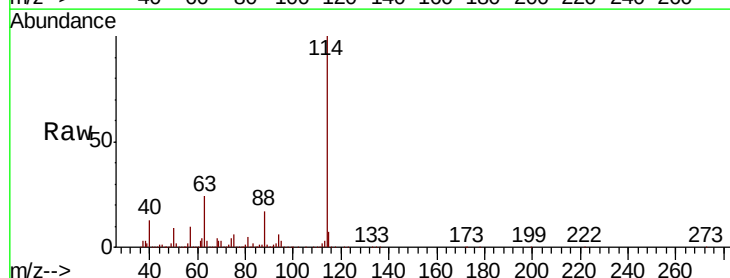
Instrument :
 MSVOA_X
 ClientSampled :
 MH-02

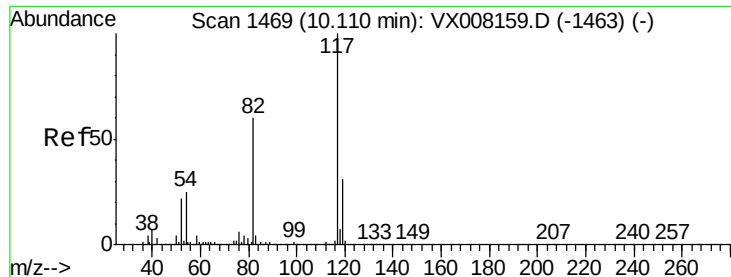
Tot Ion: 65 Resp: 128420
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008171.D
 Acq: 18 Mar 2019 17:45

Tgt Ion: 114 Resp: 275210
 Ion Ratio Lower Upper
 114 100
 63 23.1 14.2 21.4#
 88 16.7 11.9 17.9

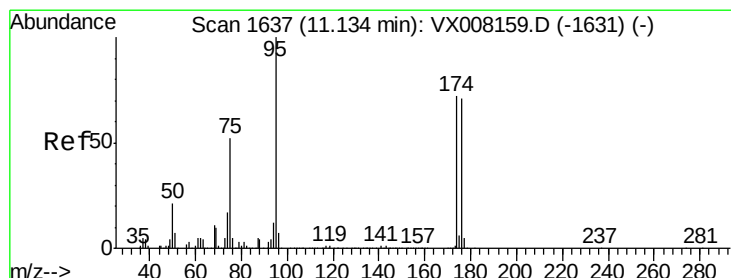
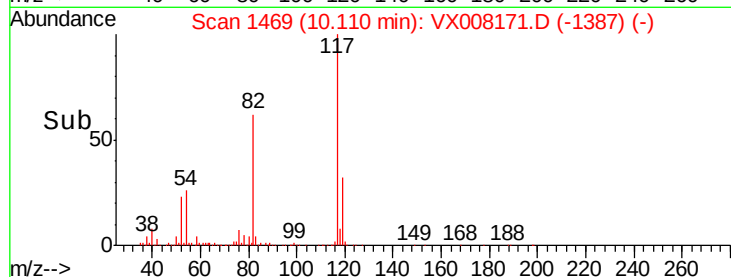
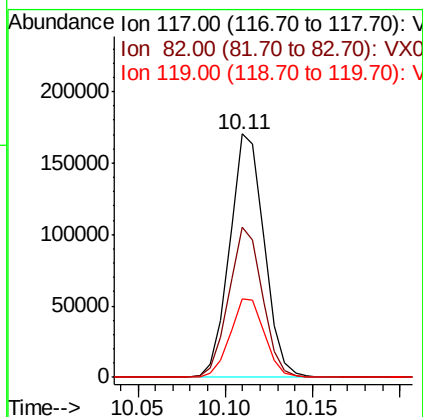
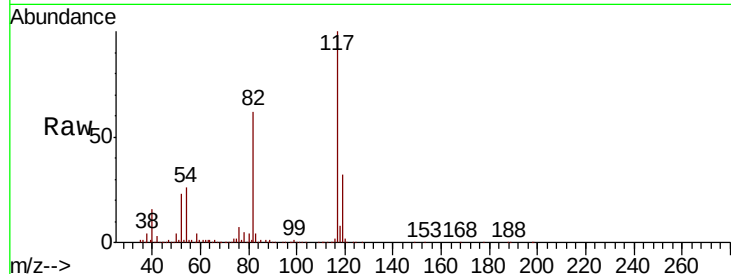




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008171.D
Acq: 18 Mar 2019 17:45

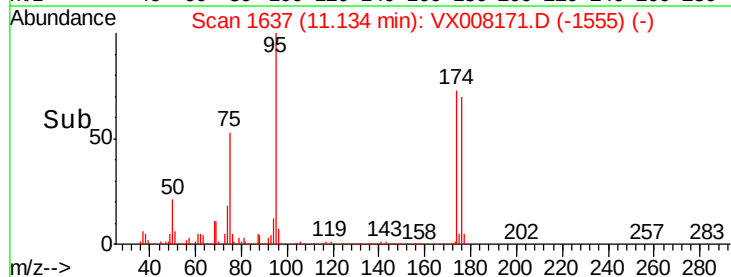
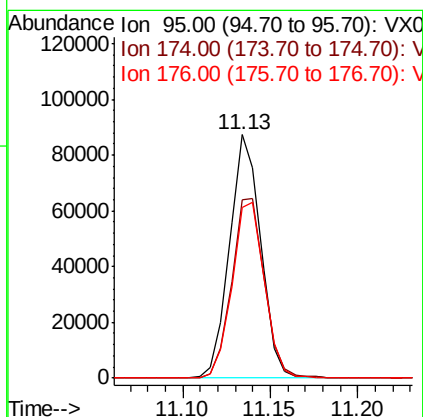
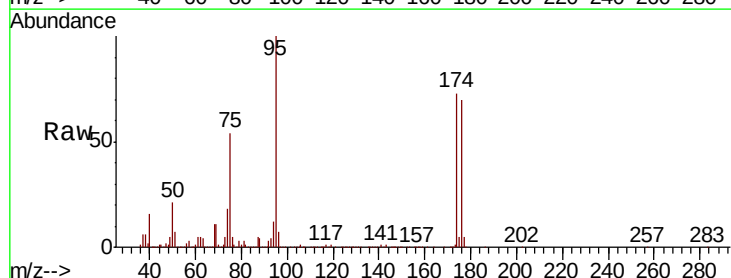
Instrument :
MSVOA_X
ClientSampleId :
MH-02

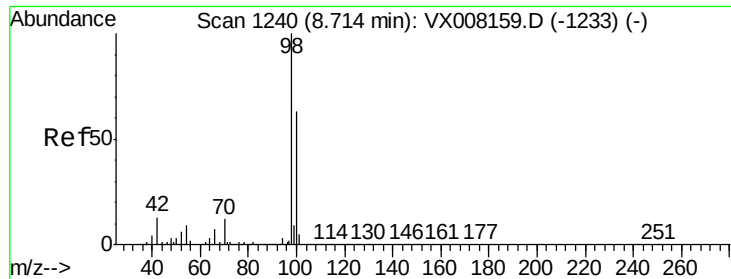
Tot Ion:117 Resp: 232846
Ion Ratio Lower Upper
117 100
82 60.1 40.4 60.6
119 32.4 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 27.888 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008171.D
Acq: 18 Mar 2019 17:45

Tgt Ion: 95 Resp: 108376
Ion Ratio Lower Upper
95 100
174 77.6 74.9 112.3
176 75.2 70.7 106.1





#63

Toluene-d8

Concen: 30.283 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008171.D

Acq: 18 Mar 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

MH-02

Tot Ion: 98 Resp: 342605

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3

