

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008493.D
 Acq On : 27 Mar 2019 19:21
 Operator : JC/SP
 Sample : K2103-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C02-SETTLED-2H-A

Quant Time: Mar 28 10:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	203203	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175123	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	88842	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.13	95	86203	28.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.17%
63) Toluene-d8	8.71	98	256177	30.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.73%

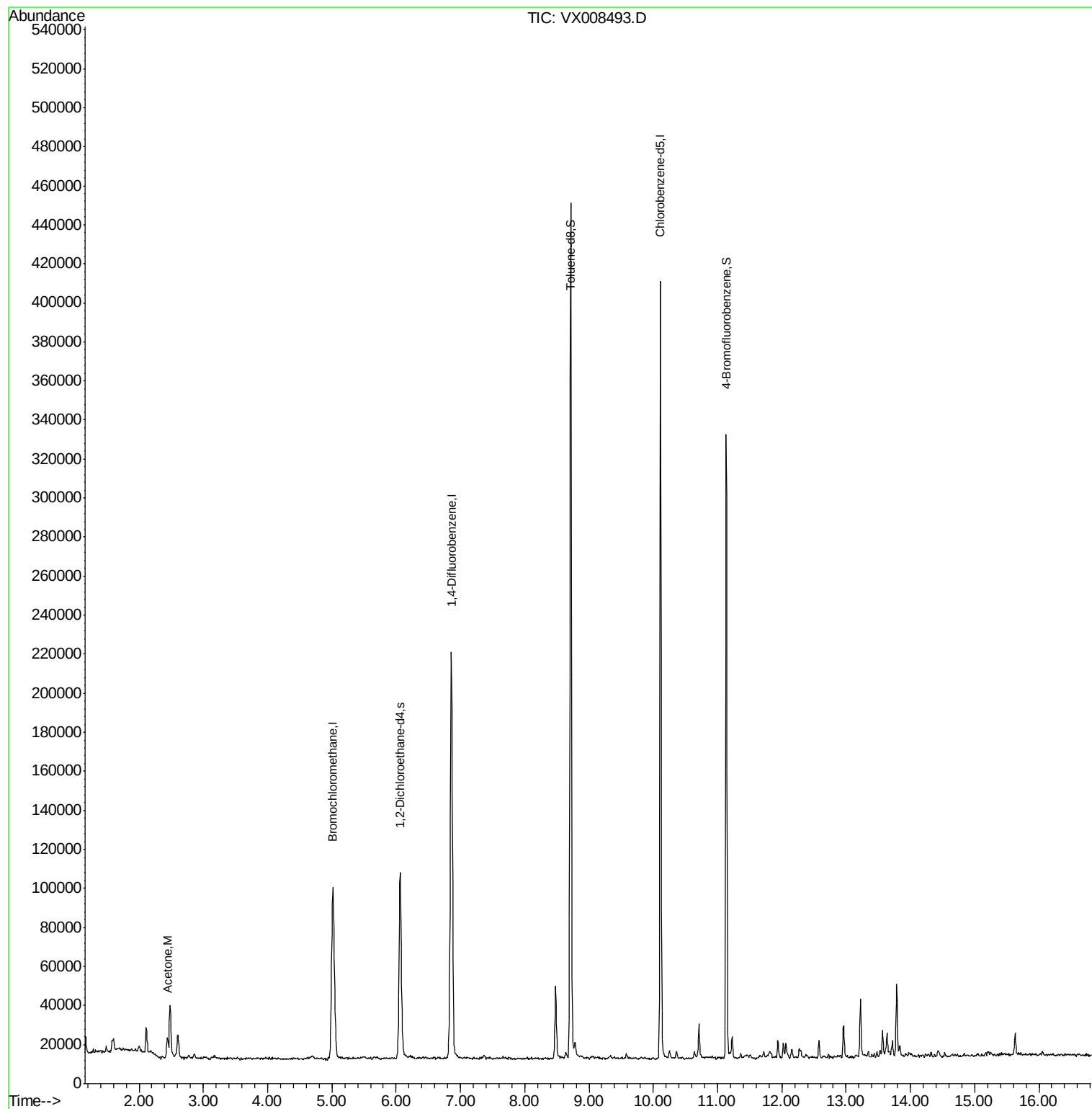
Target Compounds					Ovalue
15) Acetone	2.44	58	4067	7.914 ug/l	99

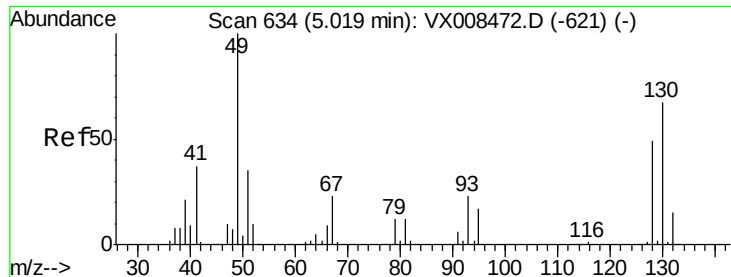
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008493.D

Acq: 27 Mar 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

MH-C02-SETTLED-2H-A

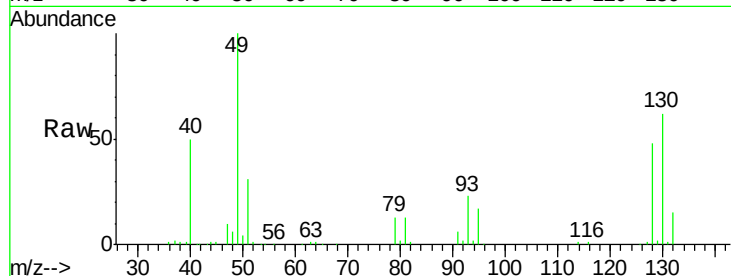
Tot Ion:128 Resp: 35117

Ion Ratio Lower Upper

128 100

49 203.2 0.0 350.8

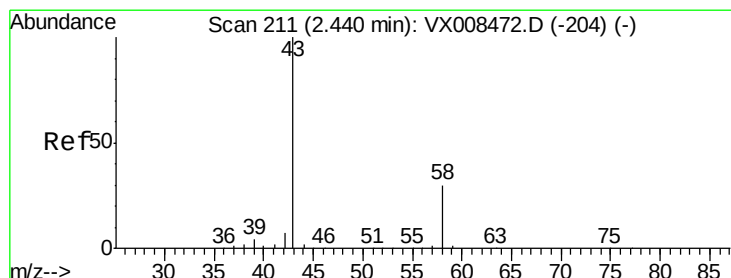
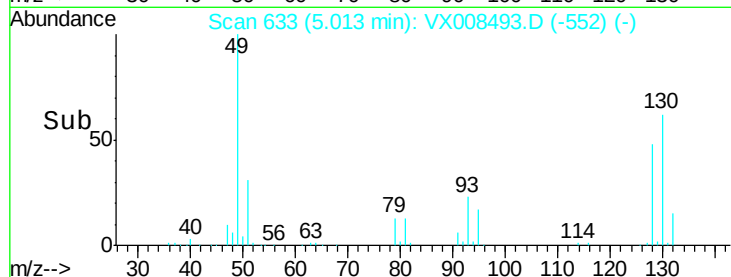
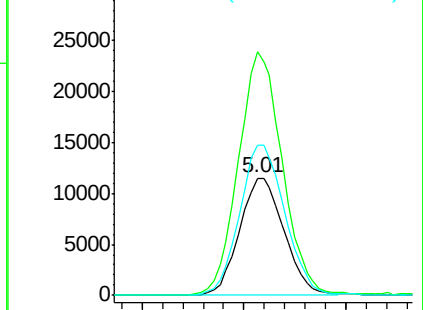
130 129.4 0.0 325.8



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: 7.914 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008493.D

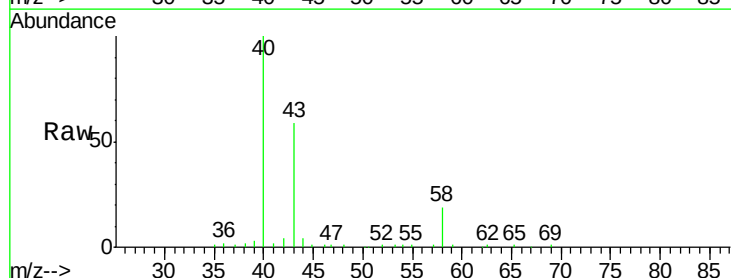
Acq: 27 Mar 2019 19:21

Tgt Ion: 58 Resp: 4067

Ion Ratio Lower Upper

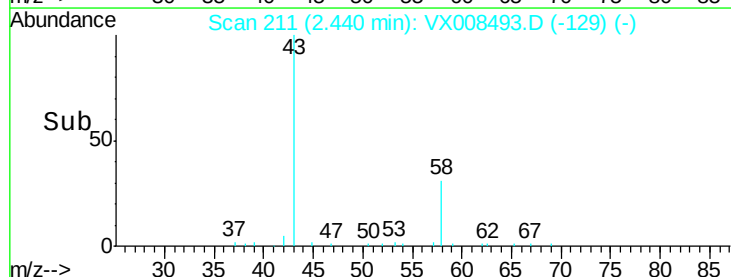
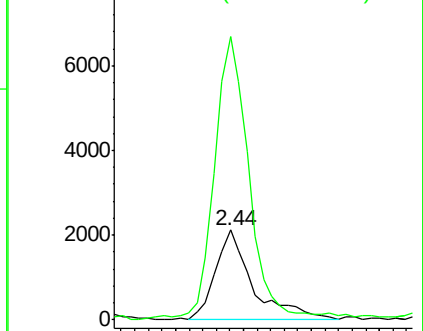
58 100

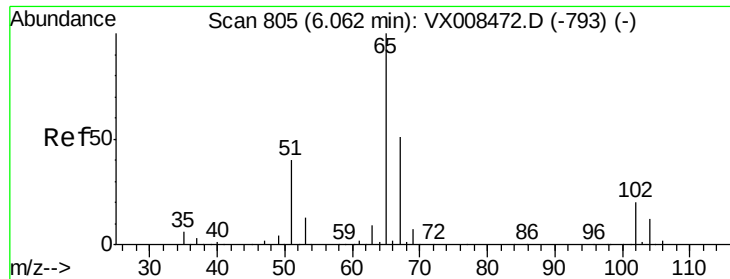
43 309.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

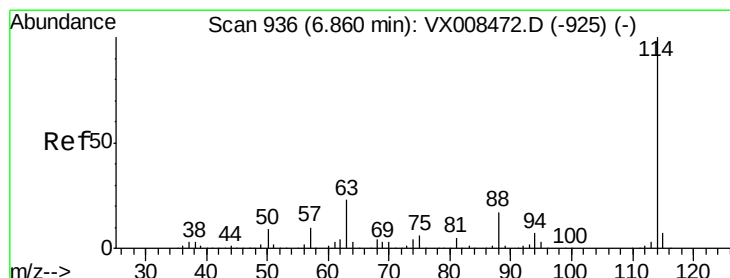
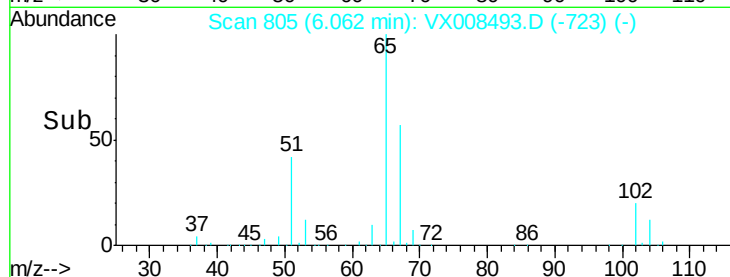
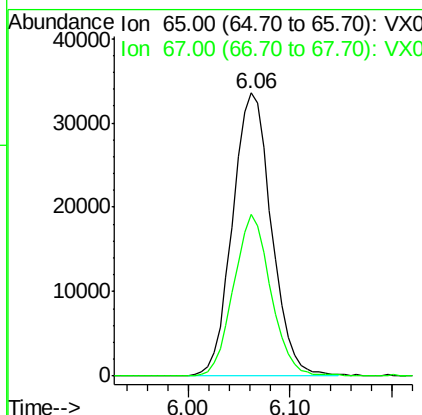
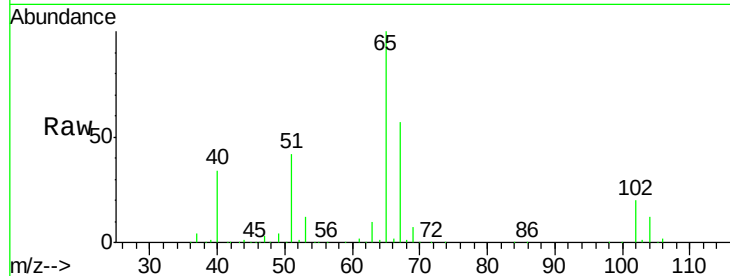




#27
 1,2-Dichloroethane-d4
 Concen: 30.242 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008493.D
 Acq: 27 Mar 2019 19:21

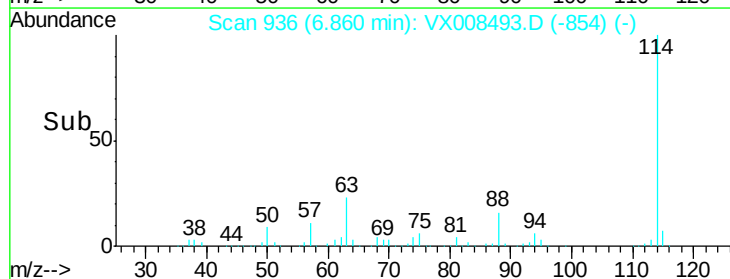
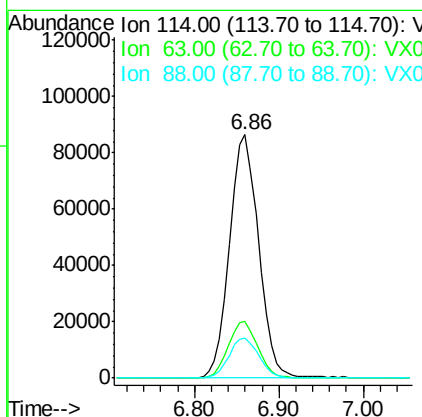
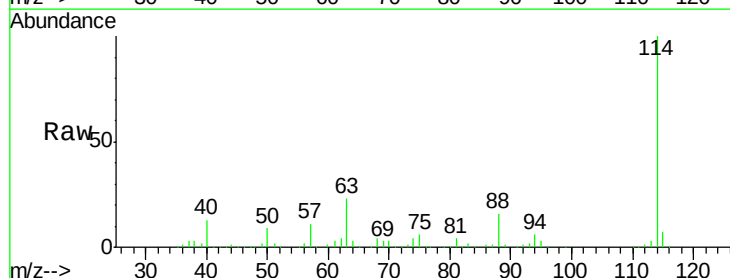
Instrument :
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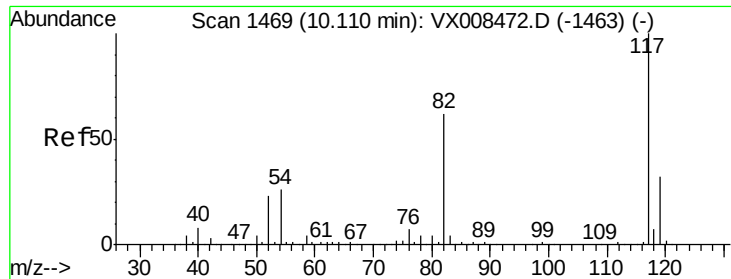
Tot Ion: 65 Resp: 88842
 Ion Ratio Lower Upper
 65 100
 67 54.4 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008493.D
 Acq: 27 Mar 2019 19:21

Tgt Ion: 114 Resp: 203203
 Ion Ratio Lower Upper
 114 100
 63 23.8 14.2 21.4#
 88 16.8 11.9 17.9

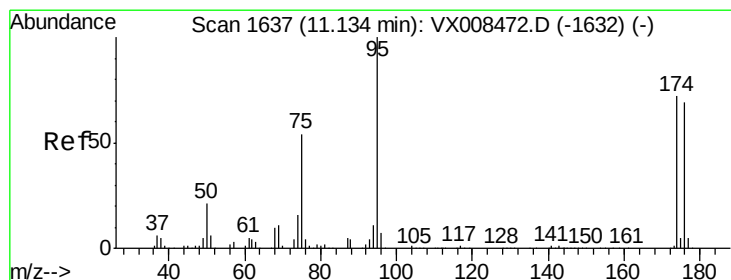
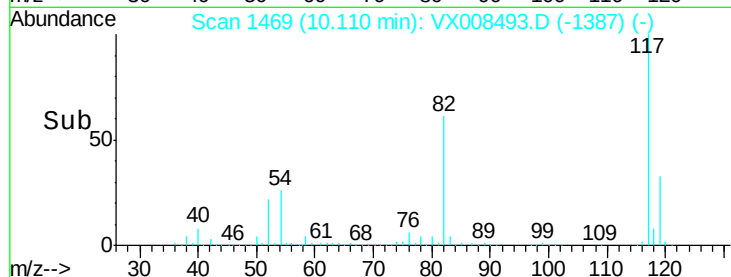
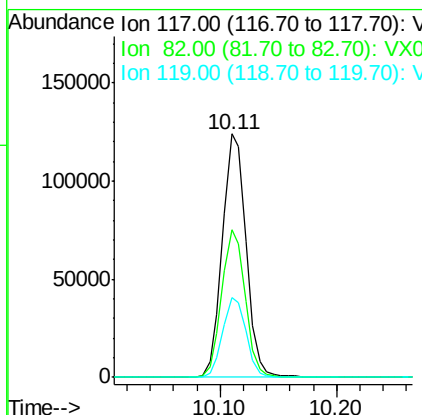
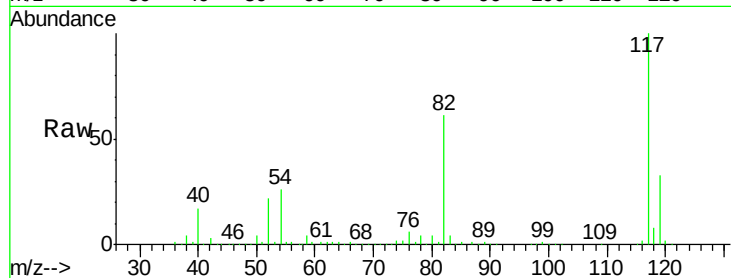




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008493.D
Acq: 27 Mar 2019 19:21

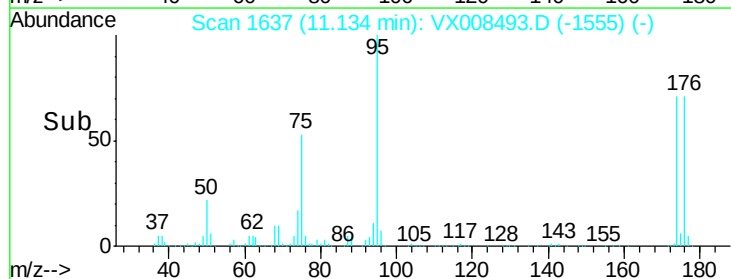
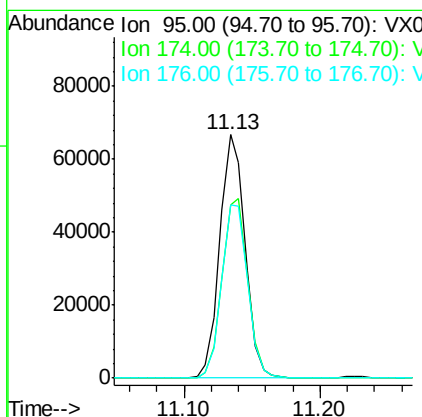
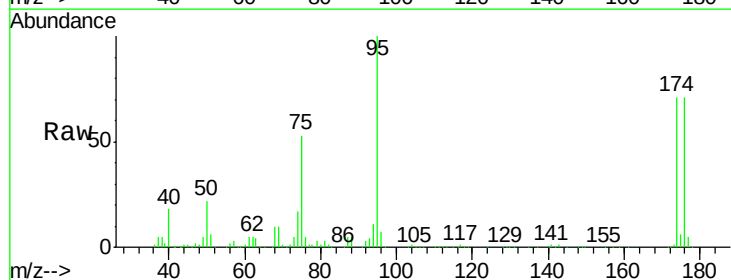
Instrument :
MSVOA_X
ClientSampleId :
MH-C02-SETTLED-2H-A

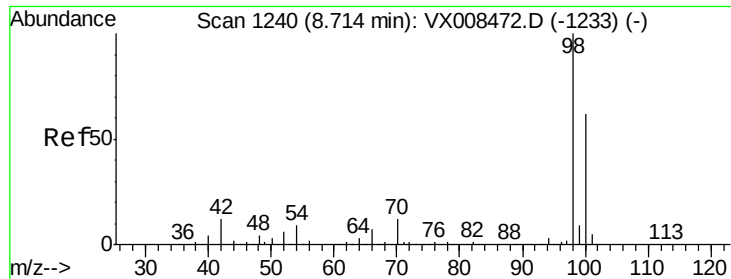
Tot Ion:117 Resp: 175123
Ion Ratio Lower Upper
117 100
82 59.9 40.4 60.6
119 32.3 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.252 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008493.D
Acq: 27 Mar 2019 19:21

Tgt Ion: 95 Resp: 86203
Ion Ratio Lower Upper
95 100
174 74.6 74.9 112.3#
176 73.0 70.7 106.1





#63

Toluene-d8

Concen: 30.818 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008493.D

Acq: 27 Mar 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

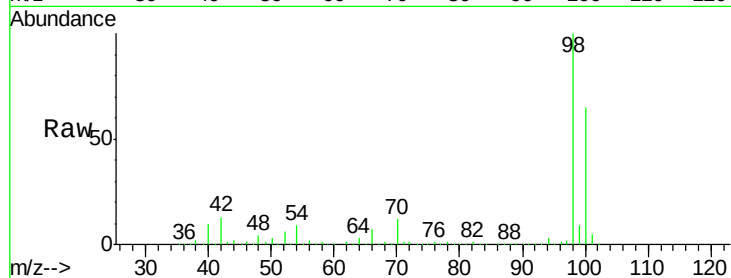
MH-C02-SETTLED-2H-A

Tot Ion: 98 Resp: 256177

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

