

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008491.D
 Acq On : 27 Mar 2019 18:34
 Operator : JC/SP
 Sample : K2099-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-2H-B

Quant Time: Mar 28 10:09:33 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	5.02	128	35150	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	201767	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175119	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	89879	30.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.90%
60) 4-Bromofluorobenzene	11.13	95	86372	28.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.37%
63) Toluene-d8	8.71	98	254723	30.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.13%

Target Compounds

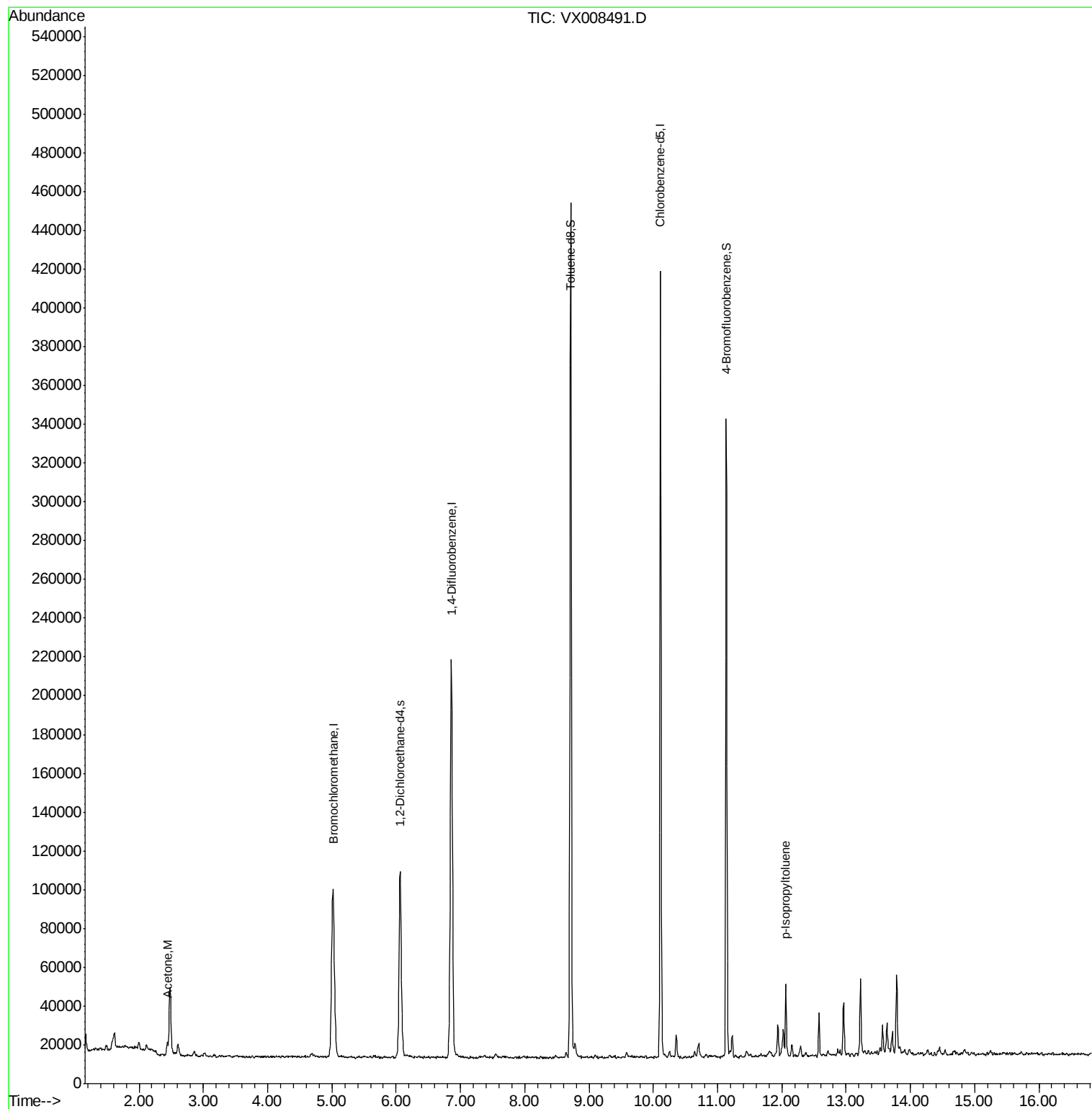
					Ovalue
15) Acetone	2.44	58	2809	5.461	ug/l 84
82) p-Isopropyltoluene	12.06	119	15133	1.563	ug/l 95

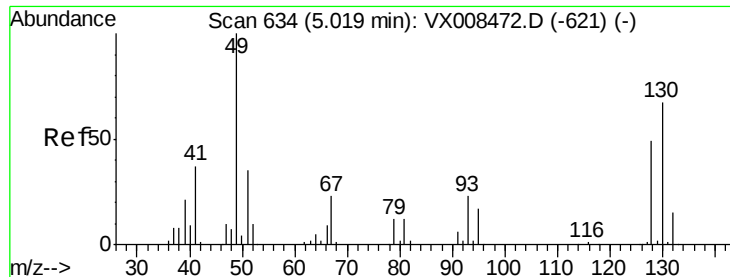
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008491.D

Acq: 27 Mar 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

MH-C05-SETTLED-2H-B

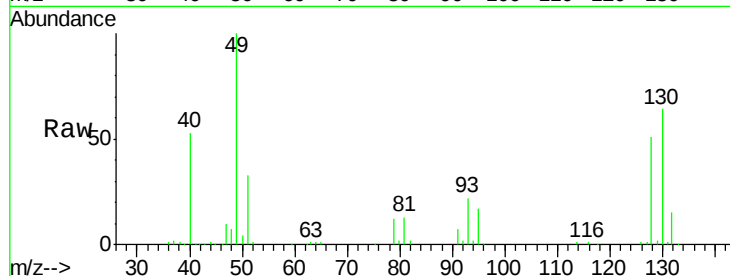
Tot Ion:128 Resp: 35150

Ion Ratio Lower Upper

128 100

49 207.8 0.0 350.8

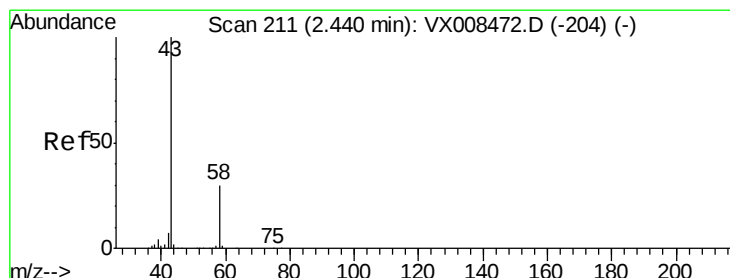
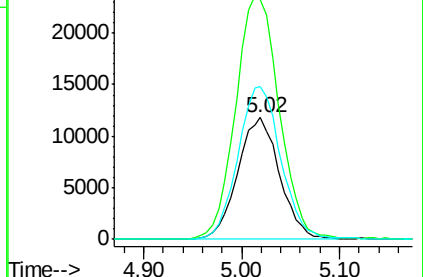
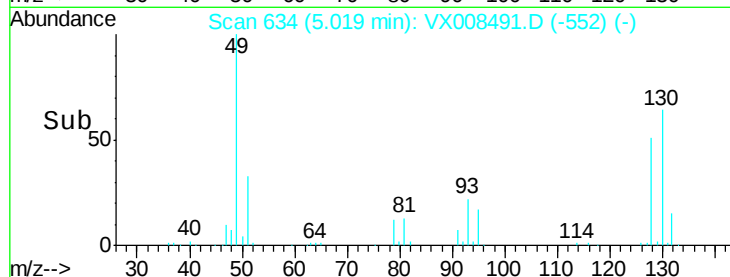
130 128.3 0.0 325.8



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: 5.461 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008491.D

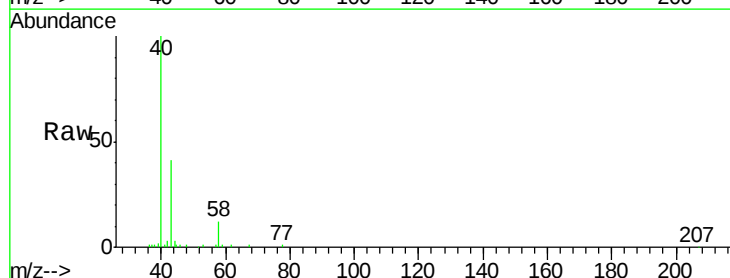
Acq: 27 Mar 2019 18:34

Tgt Ion: 58 Resp: 2809

Ion Ratio Lower Upper

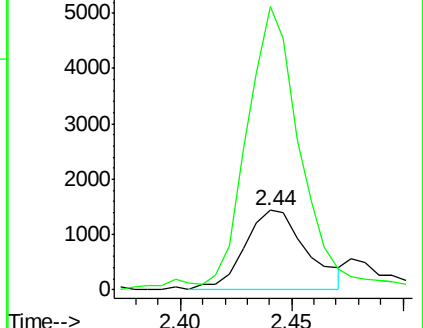
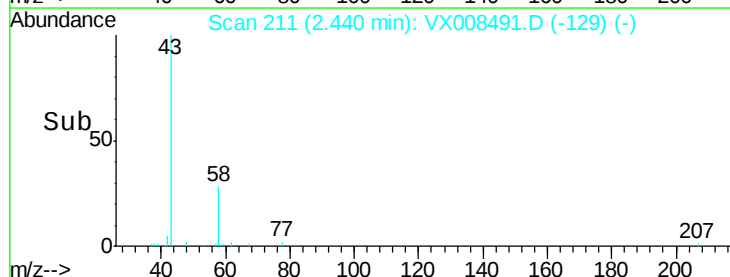
58 100

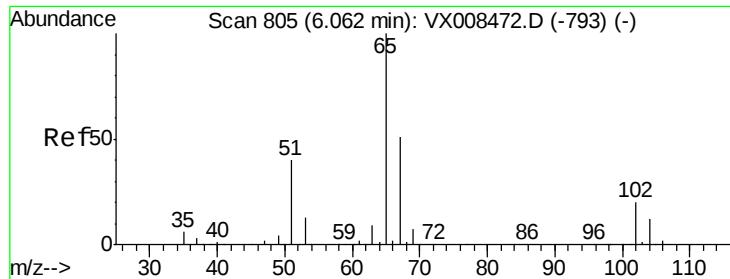
43 345.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

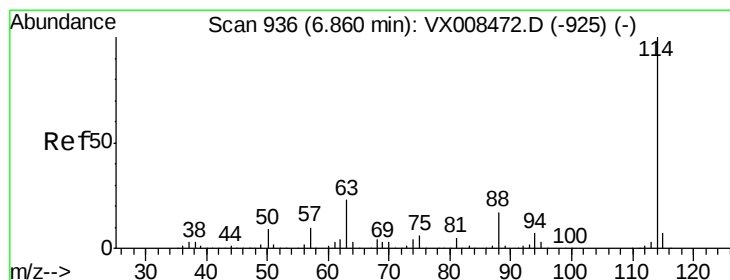
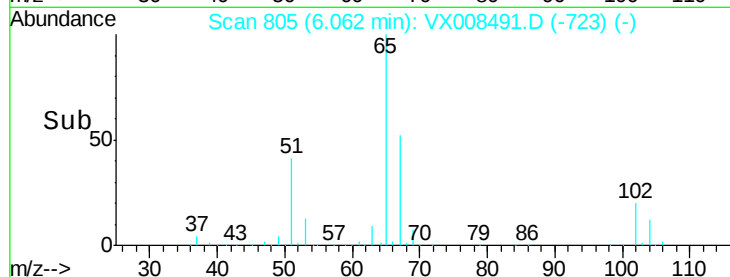
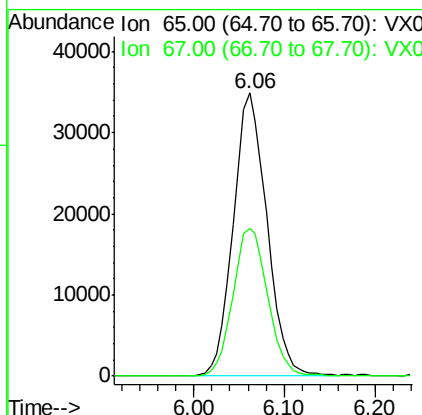
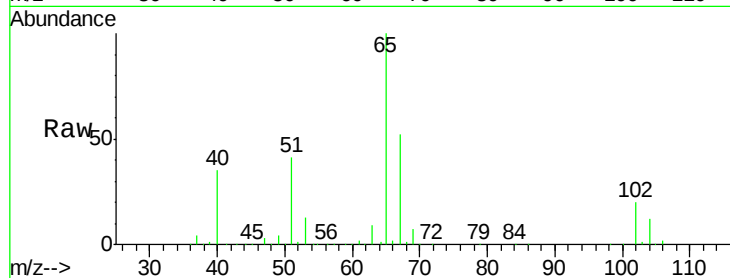




#27
 1,2-Dichloroethane-d4
 Concen: 30.566 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008491.D
 Acq: 27 Mar 2019 18:34

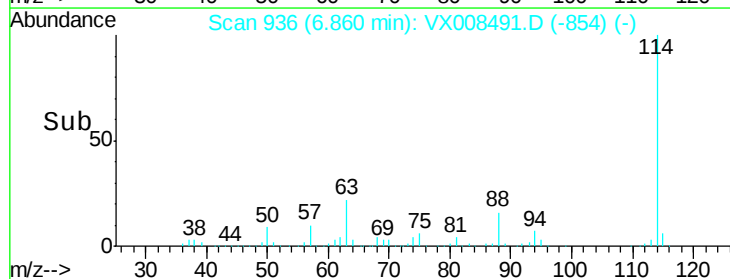
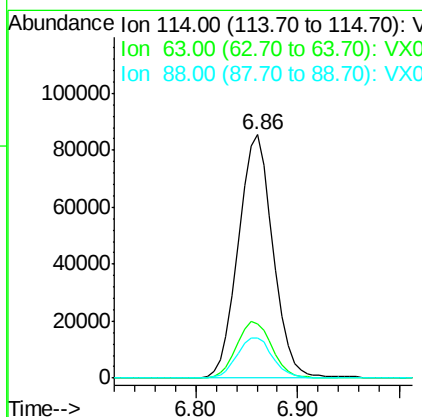
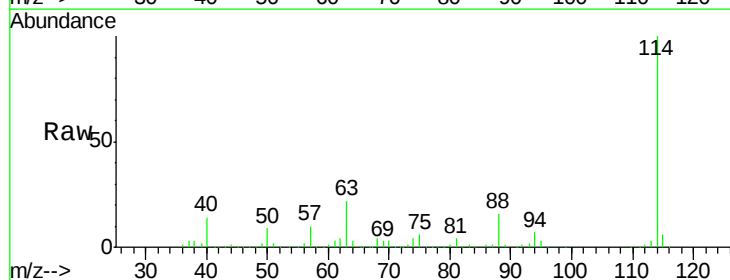
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-2H-B

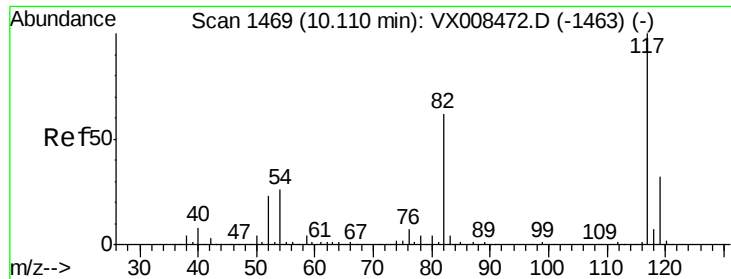
Tot Ion: 65 Resp: 89879
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008491.D
 Acq: 27 Mar 2019 18:34

Tgt Ion: 114 Resp: 201767
 Ion Ratio Lower Upper
 114 100
 63 23.8 14.2 21.4#
 88 17.0 11.9 17.9

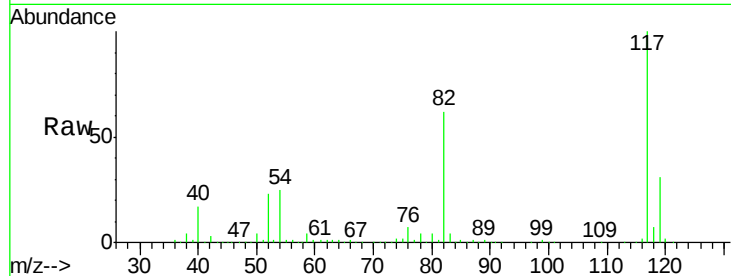




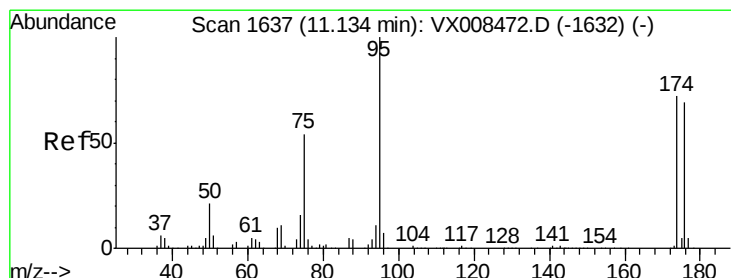
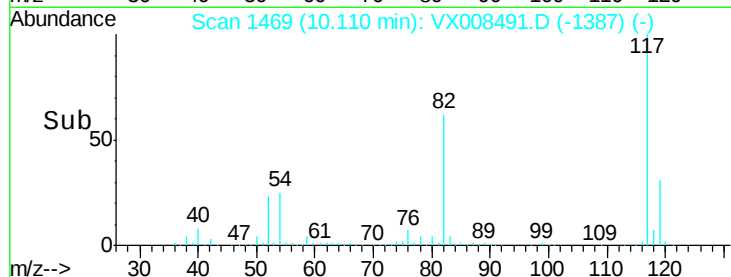
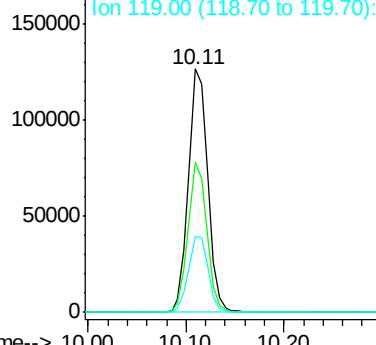
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008491.D
Acq: 27 Mar 2019 18:34

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-2H-B

Tot Ion:117 Resp: 175119
Ion Ratio Lower Upper
117 100
82 60.2 40.4 60.6
119 31.9 25.8 38.6

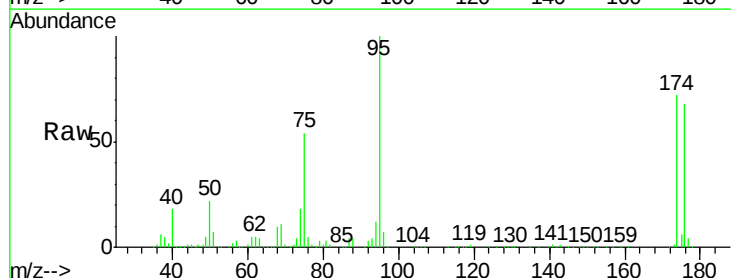


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

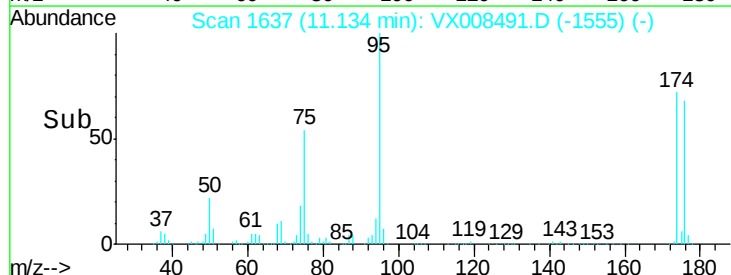
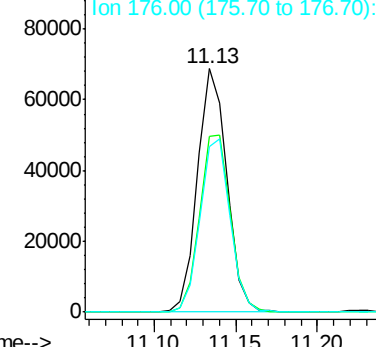


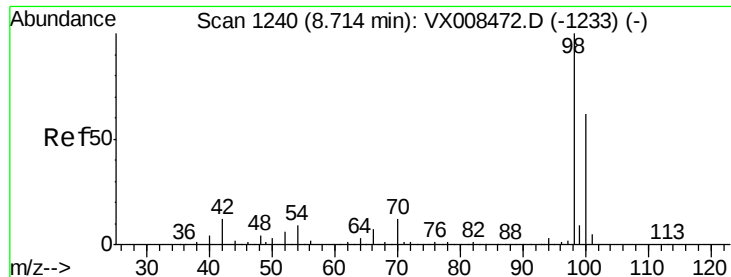
#60
4-Bromofluorobenzene
Concen: 28.308 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008491.D
Acq: 27 Mar 2019 18:34

Tgt Ion: 95 Resp: 86372
Ion Ratio Lower Upper
95 100
174 75.9 74.9 112.3
176 72.1 70.7 106.1



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: 30.643 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008491.D

Acq: 27 Mar 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

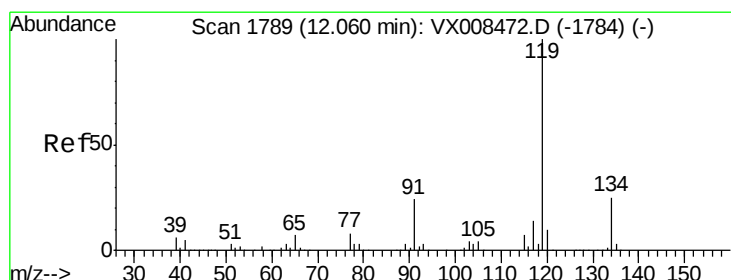
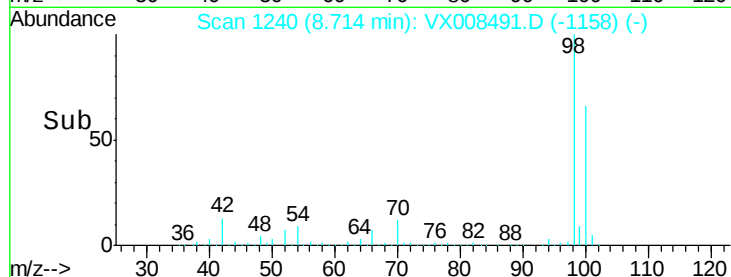
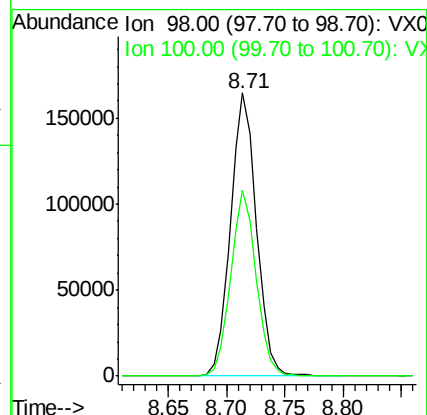
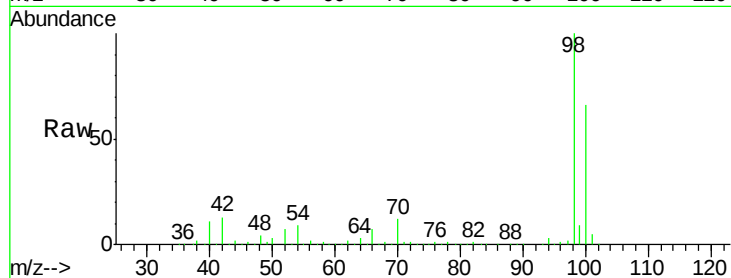
MH-C05-SETTLED-2H-B

Tot Ion: 98 Resp: 254723

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#82

p-Isopropyltoluene

Concen: 1.563 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008491.D

Acq: 27 Mar 2019 18:34

Tgt Ion: 119 Resp: 15133

Ion Ratio Lower Upper

119 100

134 25.8 0.0 55.4

91 25.7 0.0 45.0

