

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008487.D
 Acq On : 27 Mar 2019 17:02
 Operator : JC/SP
 Sample : K2099-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C02-SETTLED-1H-B

Quant Time: Mar 28 10:02:17 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	36483	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	207470	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	178119	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	91543	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	11.13	95	86878	27.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.30%
63) Toluene-d8	8.71	98	258846	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

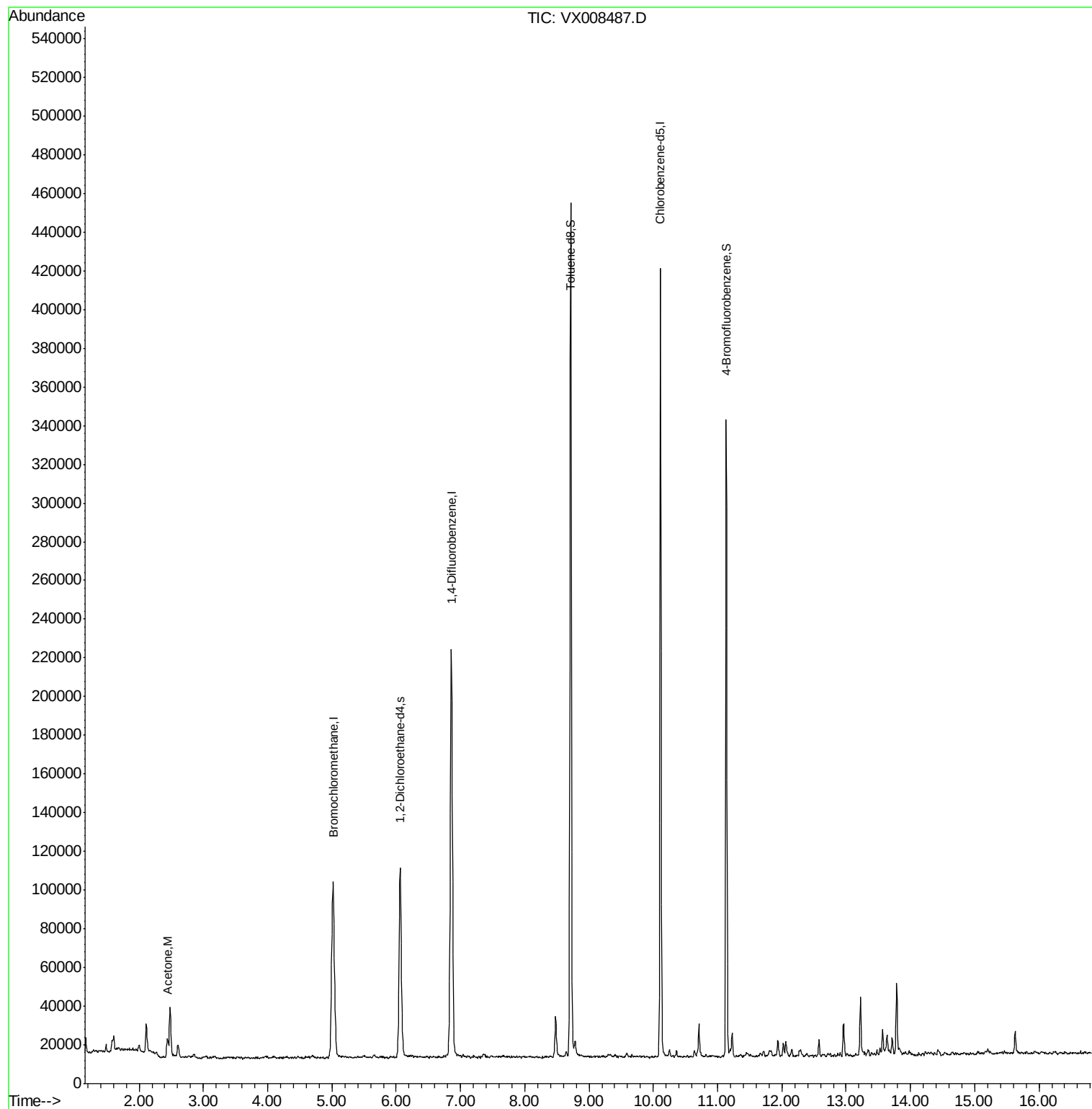
Target Compounds					Ovalue
15) Acetone	2.44	58	3396	6.361 ug/l	95

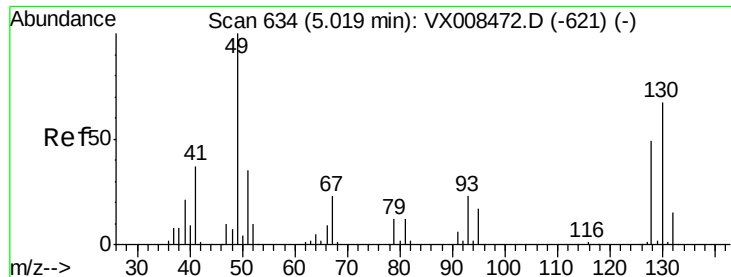
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008487.D

Acq: 27 Mar 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

MH-C02-SETTLED-1H-B

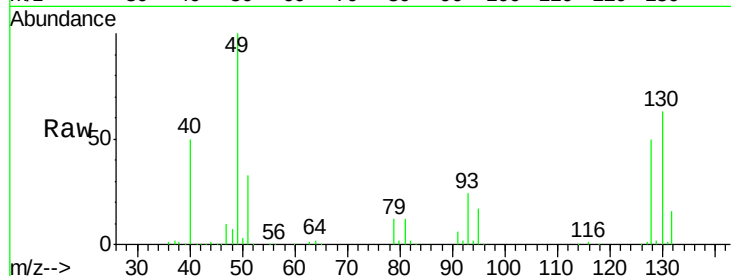
Tot Ion:128 Resp: 36483

Ion Ratio Lower Upper

128 100

49 201.0 0.0 350.8

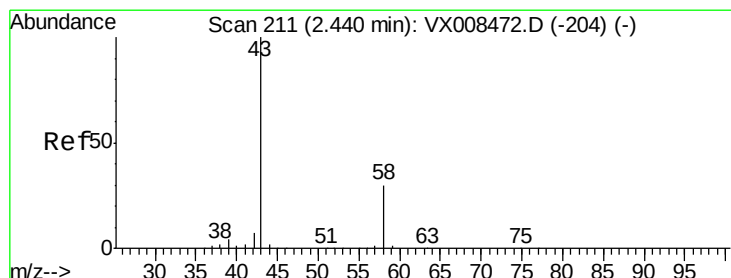
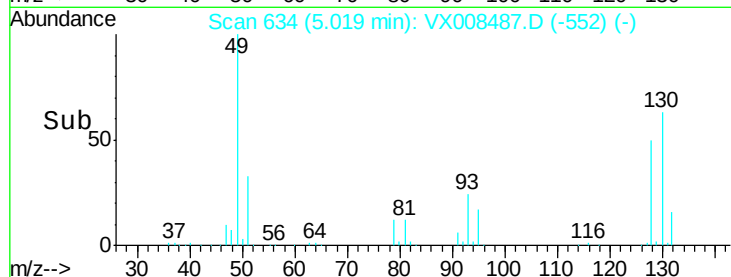
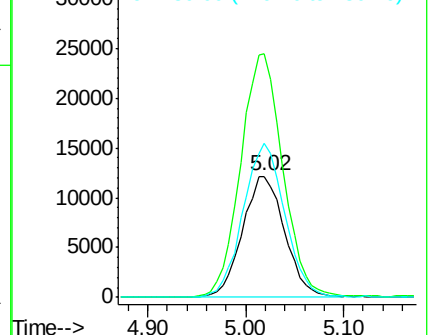
130 125.8 0.0 325.8



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: 6.361 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008487.D

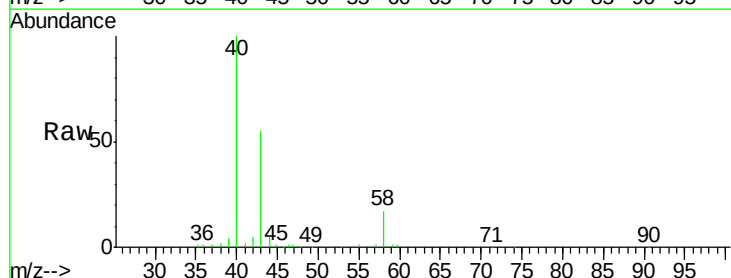
Acq: 27 Mar 2019 17:02

Tgt Ion: 58 Resp: 3396

Ion Ratio Lower Upper

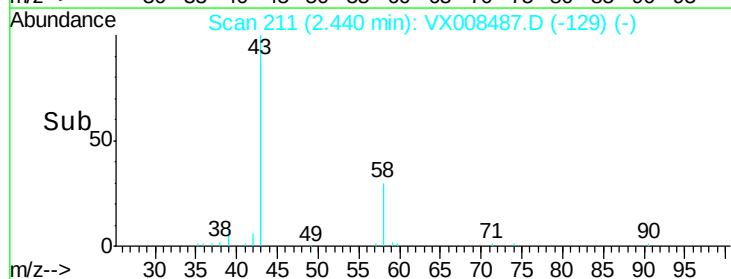
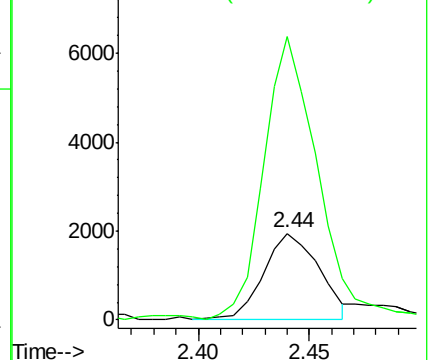
58 100

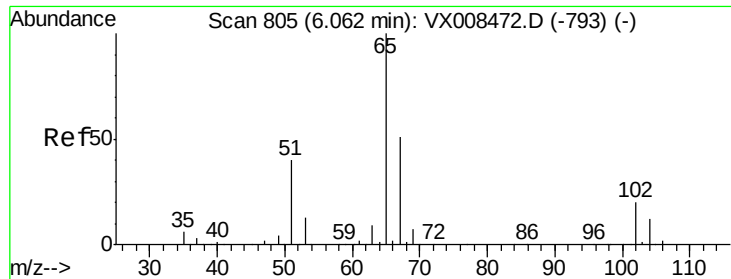
43 323.0 249.8 374.6



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: 29.995 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008487.D

Acq: 27 Mar 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

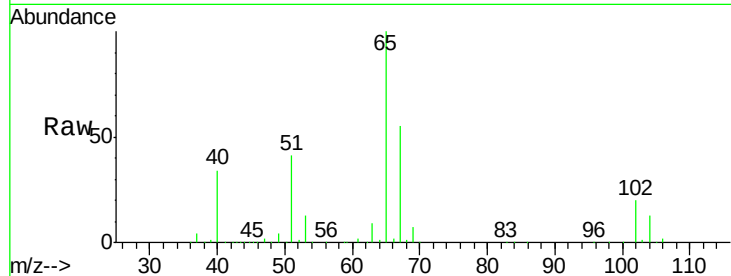
MH-C02-SETTLED-1H-B

Tot Ion: 65 Resp: 91543

Ion Ratio Lower Upper

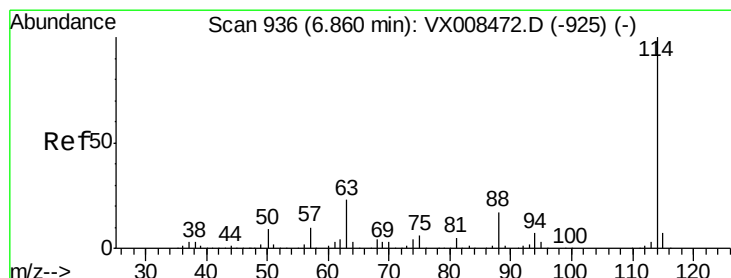
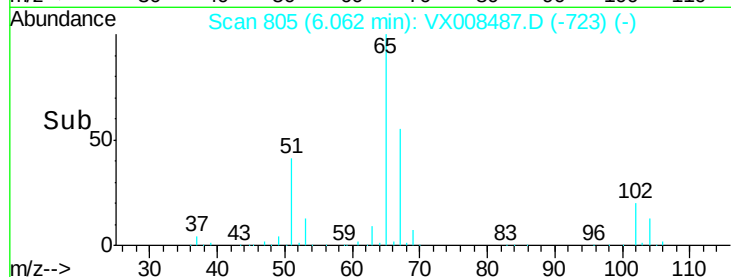
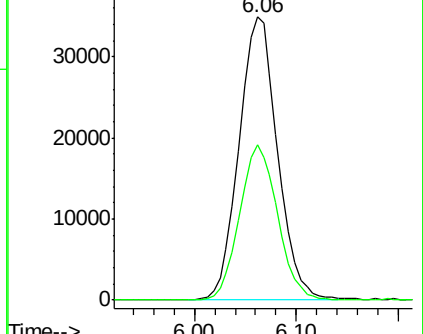
65 100

67 54.2 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008487.D

Acq: 27 Mar 2019 17:02

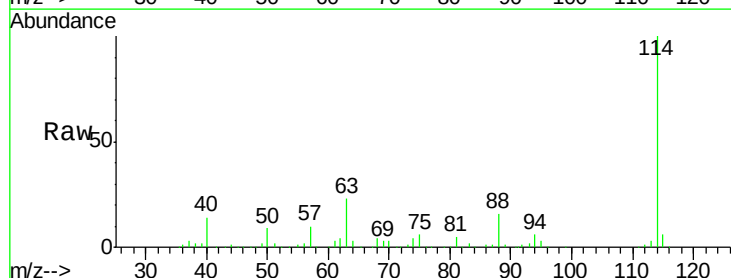
Tgt Ion: 114 Resp: 207470

Ion Ratio Lower Upper

114 100

63 23.8 14.2 21.4#

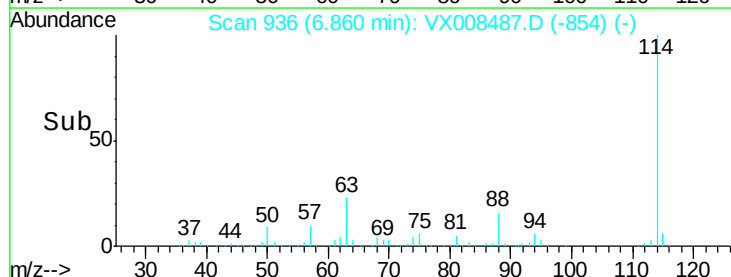
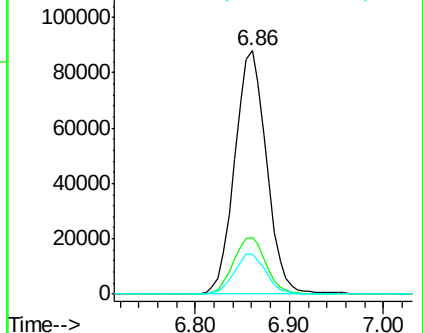
88 16.2 11.9 17.9

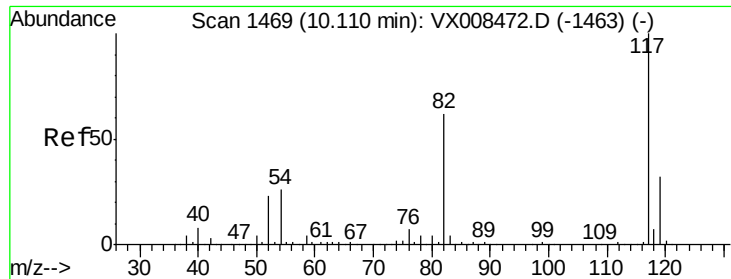


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

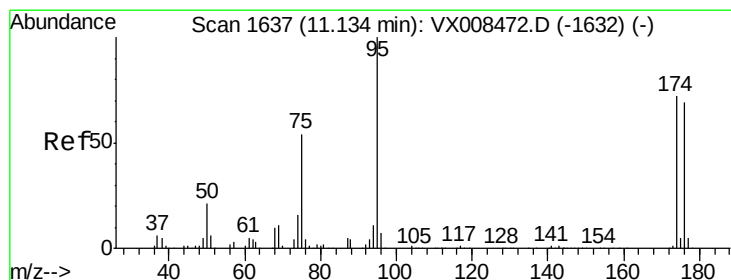
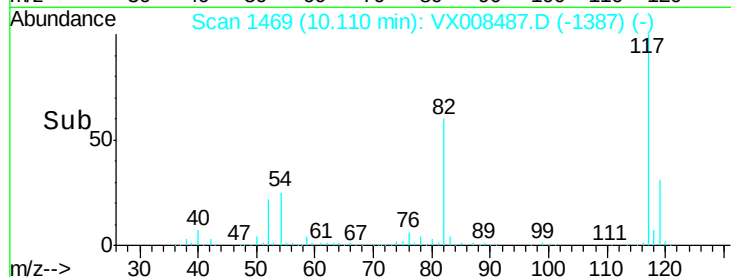
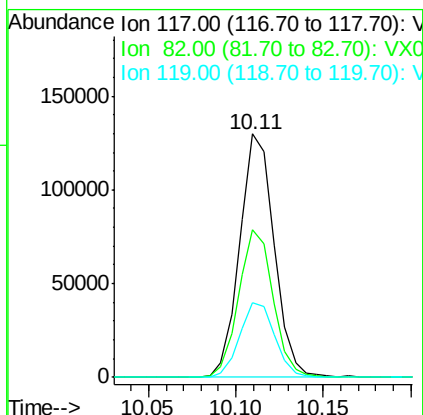
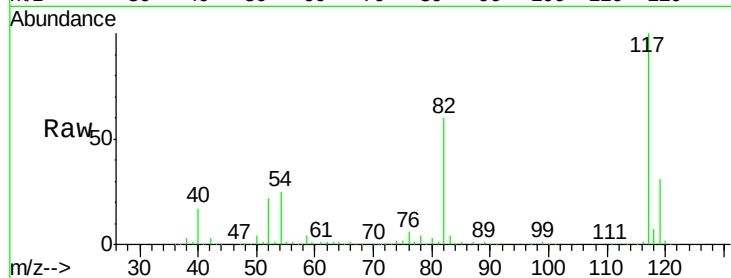




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008487.D
Acq: 27 Mar 2019 17:02

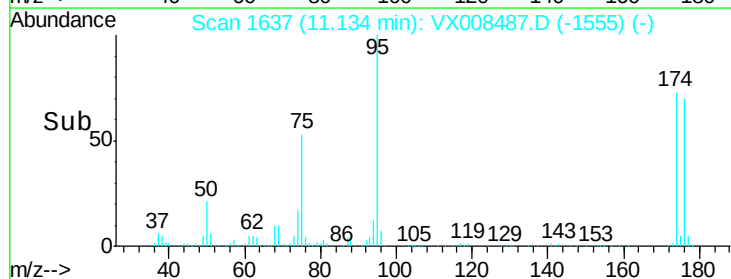
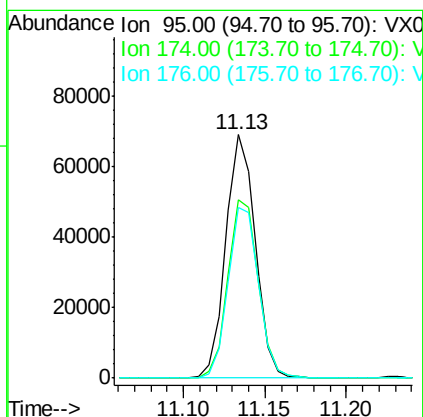
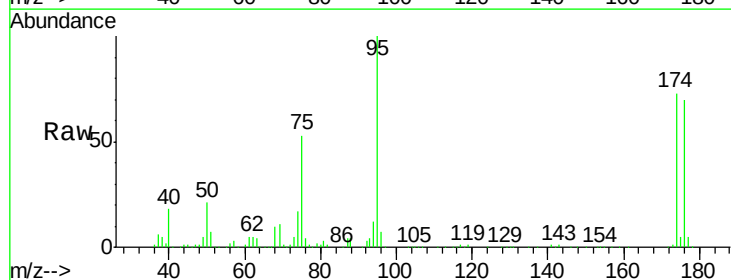
Instrument :
MSVOA_X
ClientSampleId :
MH-C02-SETTLED-1H-B

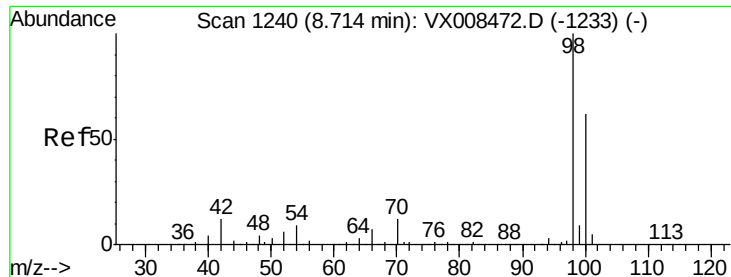
Tot Ion:117 Resp: 178119
Ion Ratio Lower Upper
117 100
82 60.8 40.4 60.6#
119 31.5 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 27.994 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008487.D
Acq: 27 Mar 2019 17:02

Tgt Ion: 95 Resp: 86878
Ion Ratio Lower Upper
95 100
174 75.5 74.9 112.3
176 72.6 70.7 106.1





#63

Toluene-d8

Concen: 30.615 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008487.D

Acq: 27 Mar 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

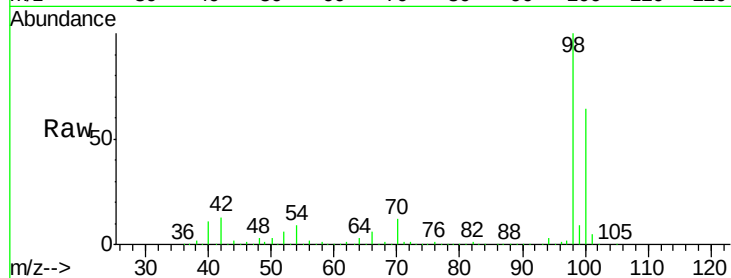
MH-C02-SETTLED-1H-B

Tot Ion: 98 Resp: 258846

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): V

