

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008105.D
 Acq On : 15 Mar 2019 14:03
 Operator : JC/SP
 Sample : K1881-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-4

Quant Time: Mar 15 14:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	41375	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	209500	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	180018	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	75956	27.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.10%
60) 4-Bromofluorobenzene	11.13	95	77488	26.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.90%
63) Toluene-d8	8.71	98	240071	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

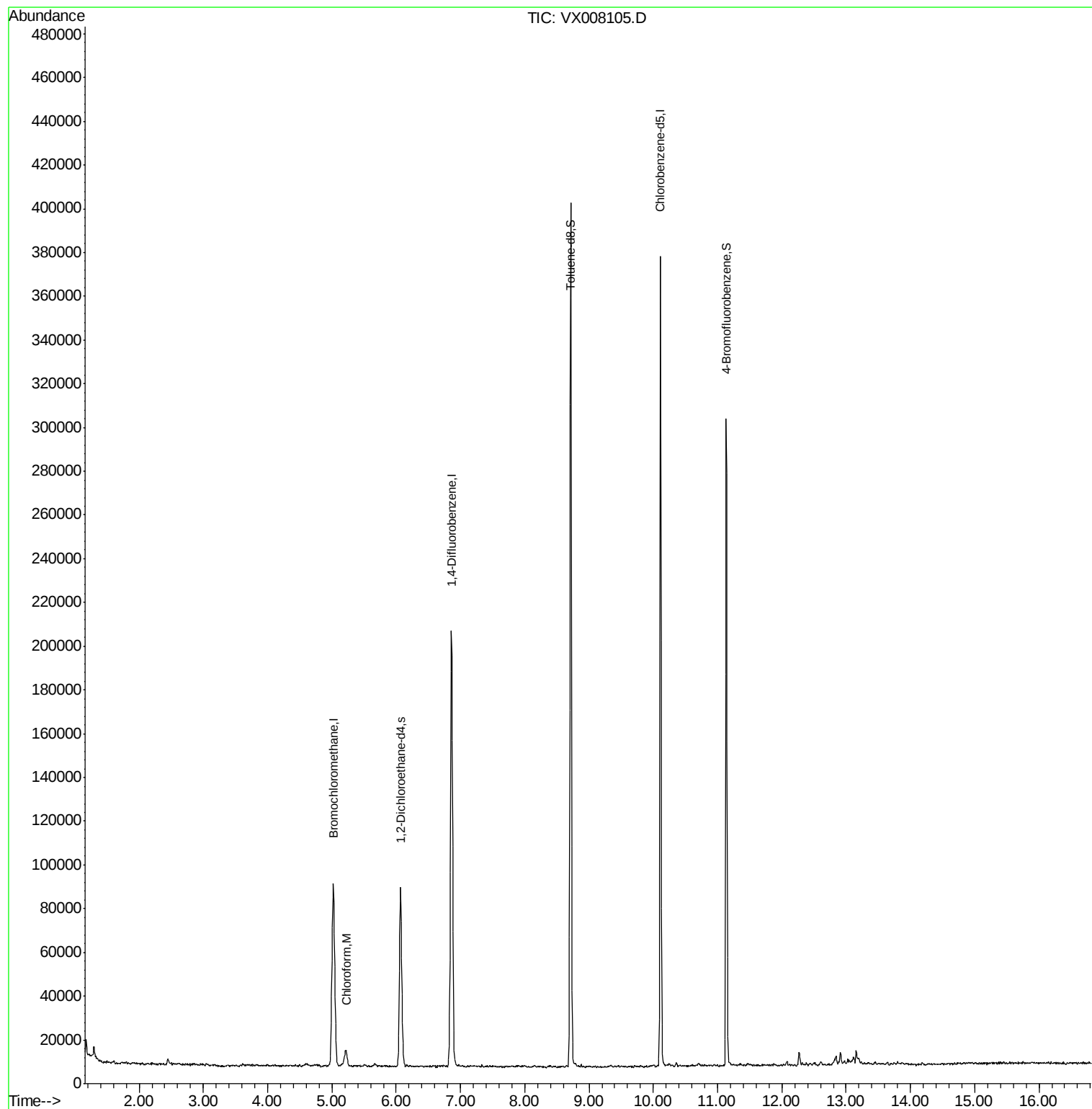
Target Compounds					Ovalue
25) Chloroform	5.22	83	8769	1.897 ug/l	95

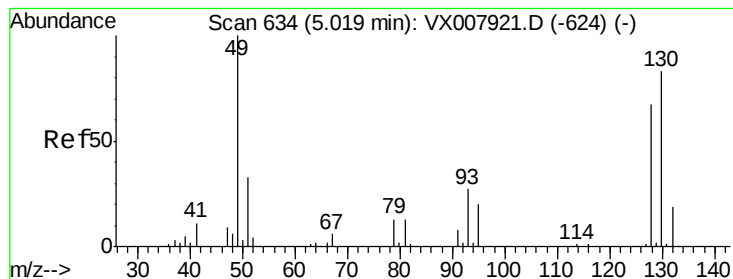
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 12:01:36 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008105.D

Acq: 15 Mar 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

55-ST-4

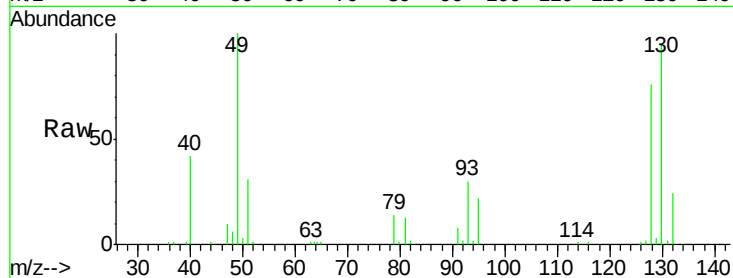
Tot Ion:128 Resp: 41375

Ion Ratio Lower Upper

128 100

49 132.7 0.0 350.8

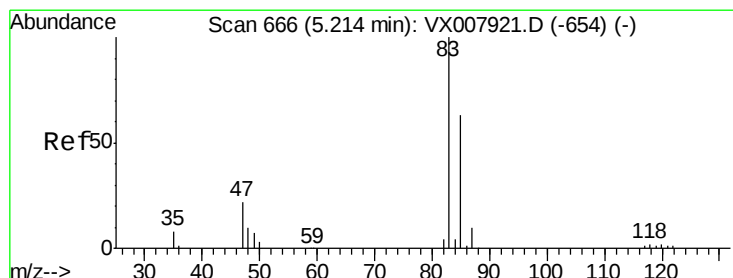
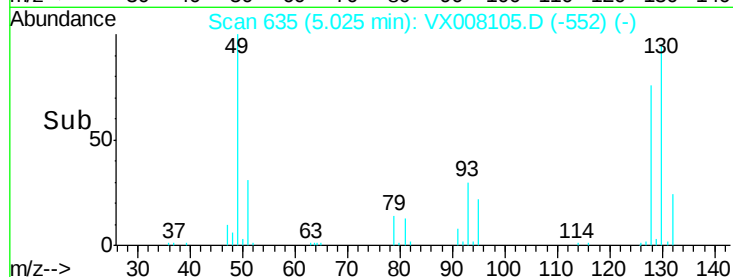
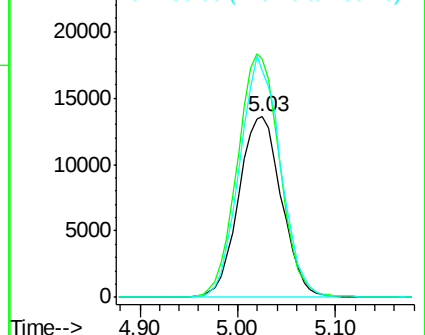
130 127.0 0.0 325.8



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



#25

Chloroform

Concen: 1.897 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX008105.D

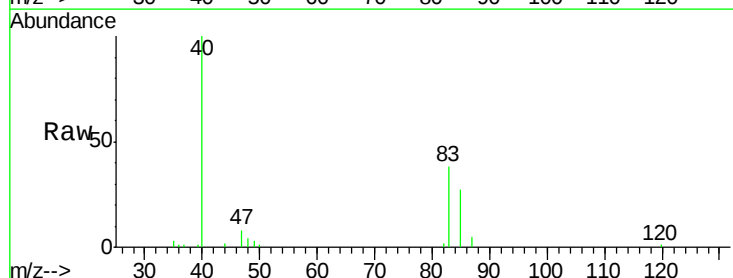
Acq: 15 Mar 2019 14:03

Tgt Ion: 83 Resp: 8769

Ion Ratio Lower Upper

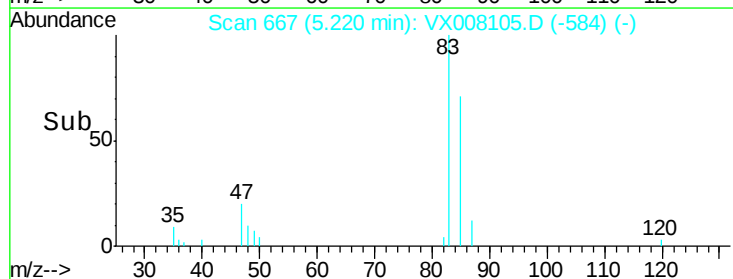
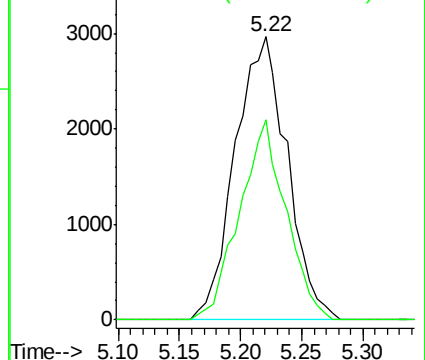
83 100

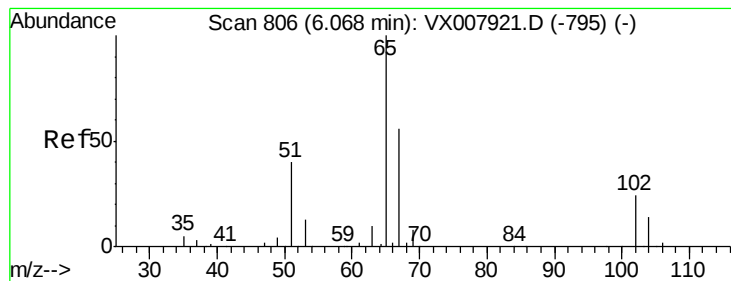
85 70.9 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 27.930 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008105.D

Acq: 15 Mar 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

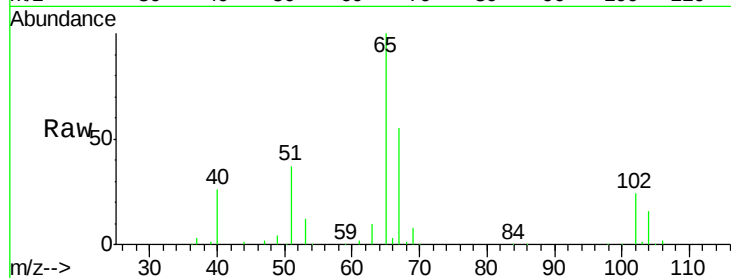
55-ST-4

Tot Ion: 65 Resp: 75956

Ion Ratio Lower Upper

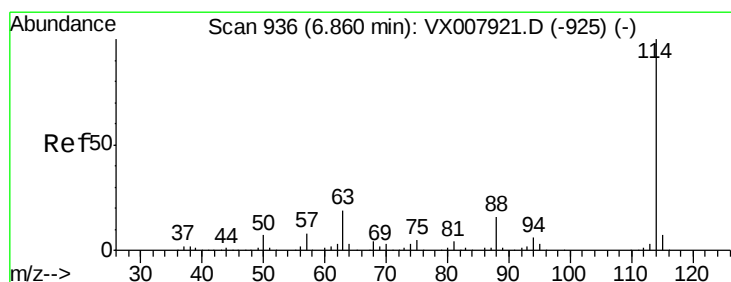
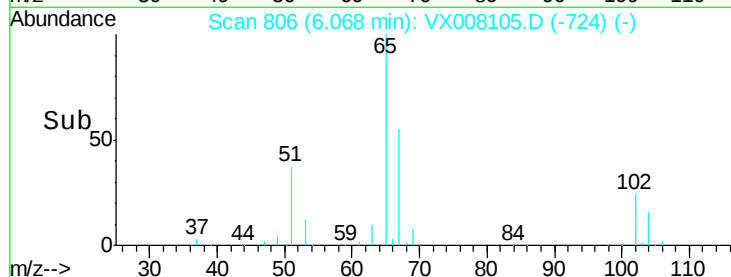
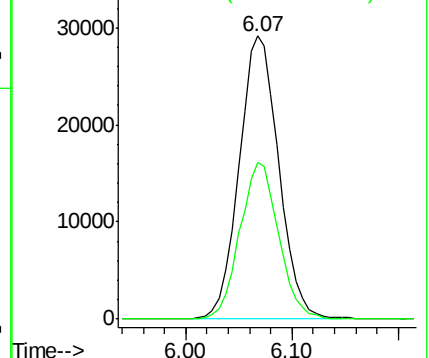
65 100

67 54.1 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: VX008105.D

Acq: 15 Mar 2019 14:03

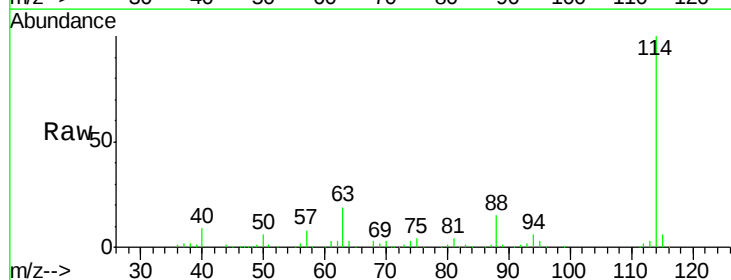
Tgt Ion: 114 Resp: 209500

Ion Ratio Lower Upper

114 100

63 18.6 14.2 21.4

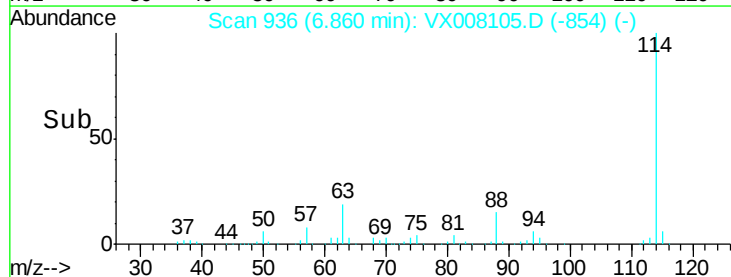
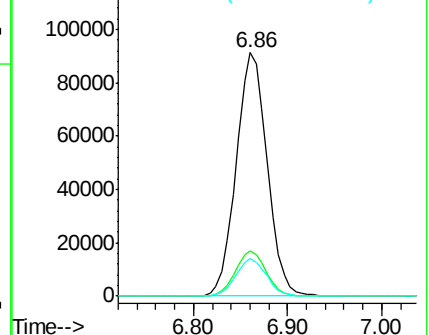
88 15.1 11.9 17.9

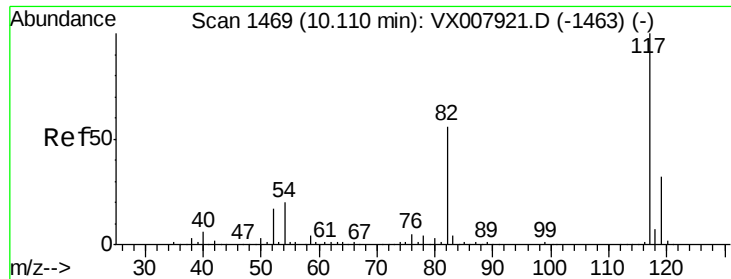


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

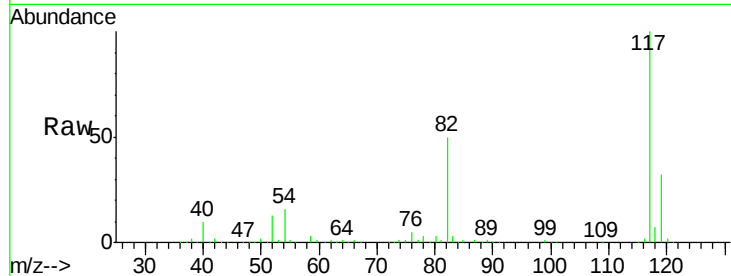




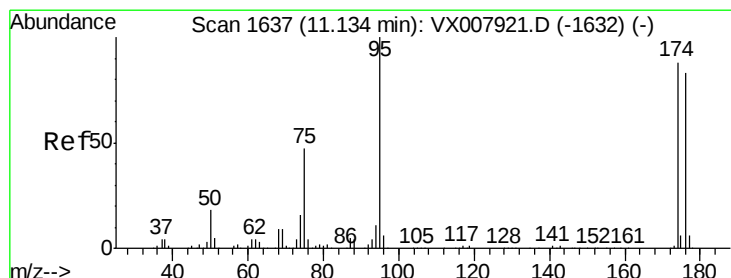
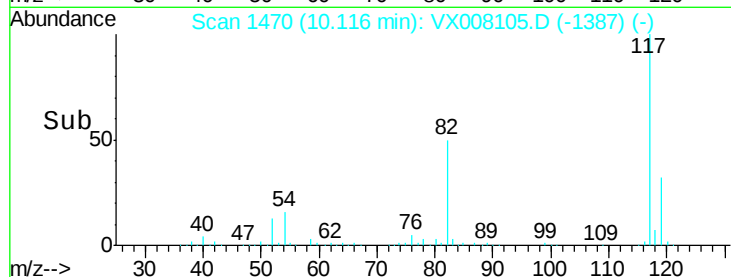
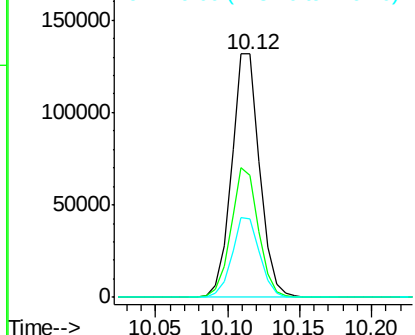
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008105.D
Acq: 15 Mar 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
55-ST-4

Tot Ion:117 Resp: 180018
Ion Ratio Lower Upper
117 100
82 51.9 40.4 60.6
119 32.6 25.8 38.6

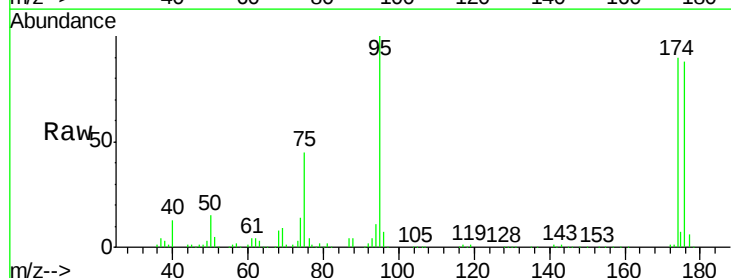


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

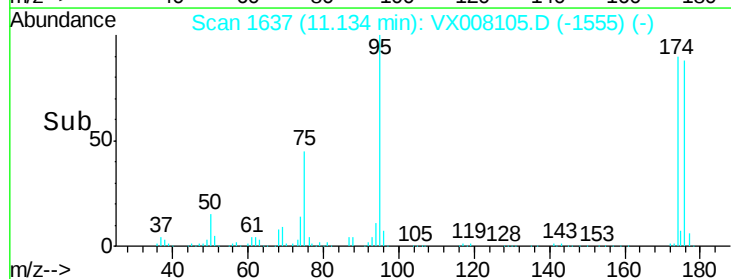
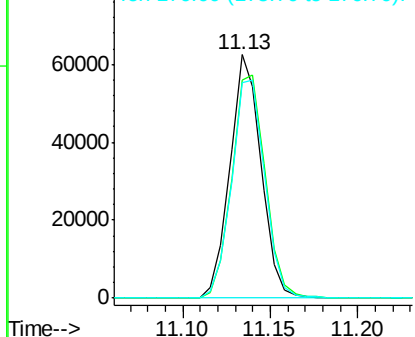


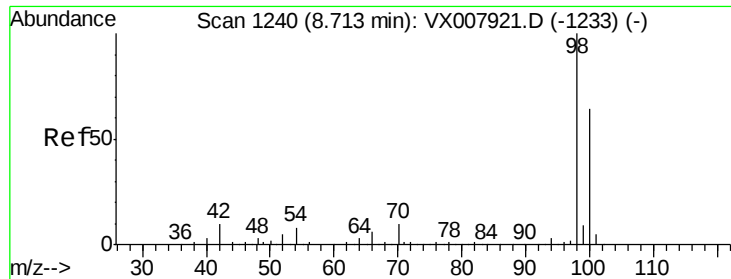
#60
4-Bromofluorobenzene
Concen: 26.968 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008105.D
Acq: 15 Mar 2019 14:03

Tgt Ion: 95 Resp: 77488
Ion Ratio Lower Upper
95 100
174 98.1 74.9 112.3
176 95.7 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: 29.141 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008105.D

Acq: 15 Mar 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

55-ST-4

Tot Ion: 98 Resp: 240071

Ion Ratio Lower Upper

98 100

100 65.3 50.9 76.3

