

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032219\
 Data File : VX008340.D
 Acq On : 22 Mar 2019 15:49
 Operator : JC/SP
 Sample : K2038-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 37-ST-2019

Quant Time: Mar 23 02:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	30035	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	157113	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133781	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	64144	31.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.17%
60) 4-Bromofluorobenzene	11.13	95	60554	27.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.70%
63) Toluene-d8	8.71	98	183737	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

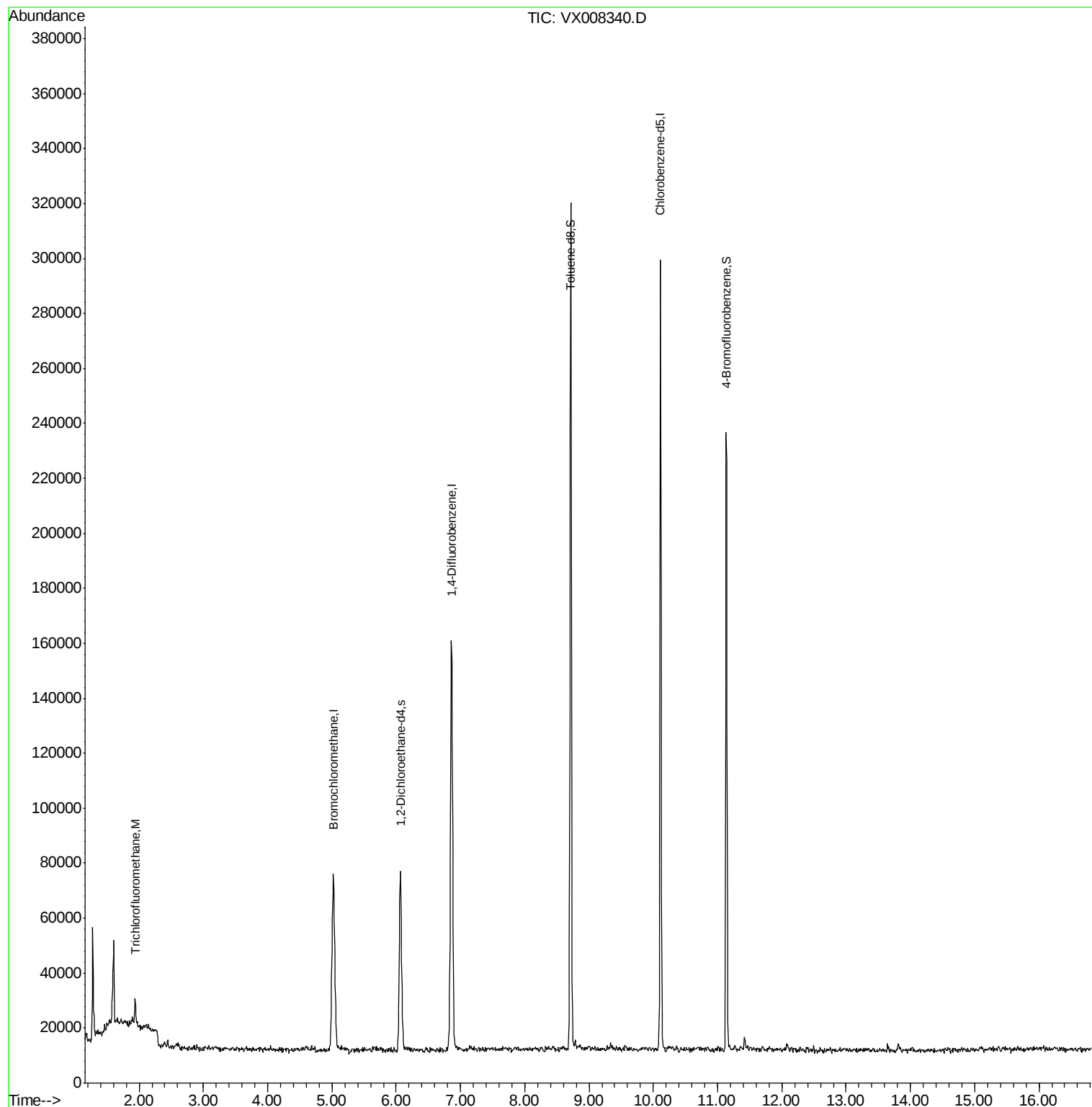
Target Compounds					Ovalue
7) Trichlorofluoromethane	1.94	101	5288	1.789 ug/l	94

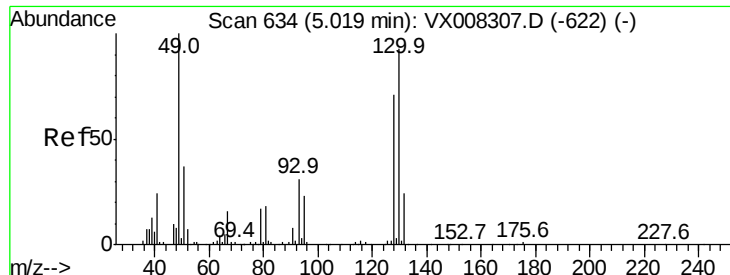
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 15:33:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008340.D

Acq: 22 Mar 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

37-ST-2019

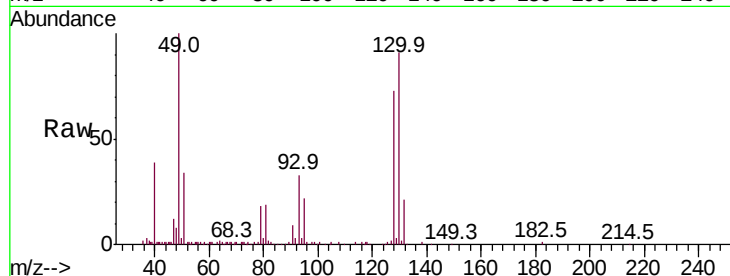
Tot Ion:128 Resp: 30035

Ion Ratio Lower Upper

128 100

49 141.0 0.0 350.8

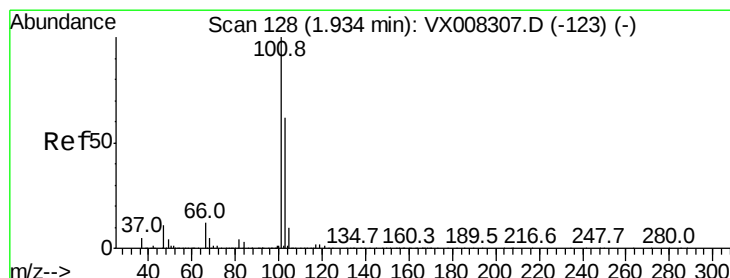
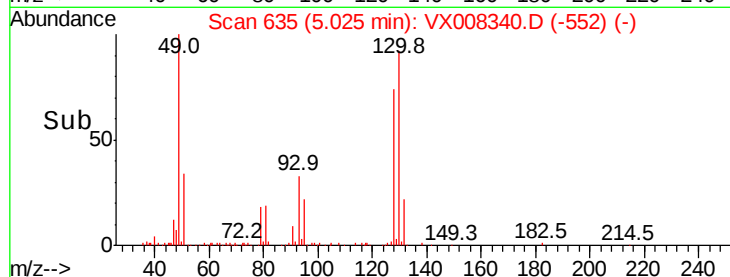
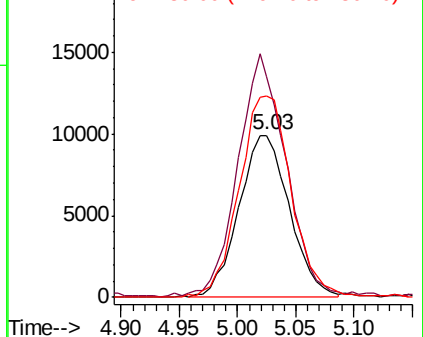
130 127.8 0.0 325.8



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



#7

Trichlorofluoromethane

Concen: 1.789 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX008340.D

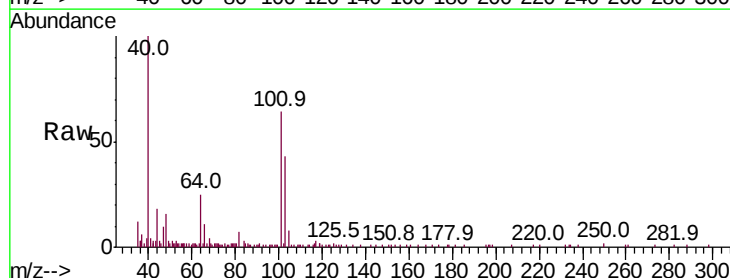
Acq: 22 Mar 2019 15:49

Tgt Ion:101 Resp: 5288

Ion Ratio Lower Upper

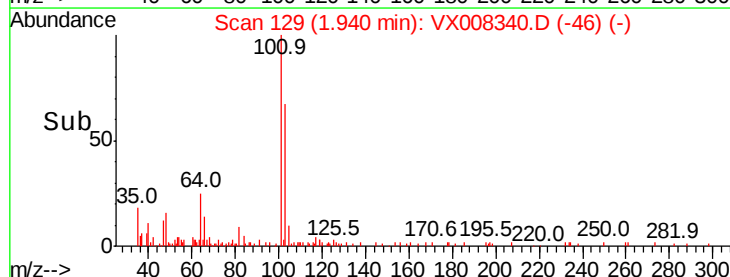
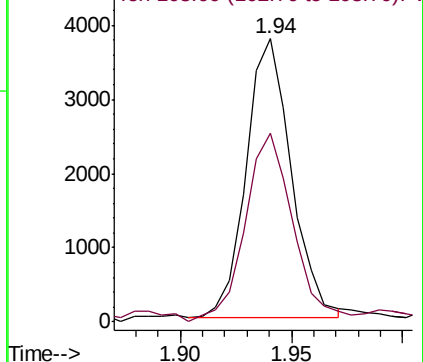
101 100

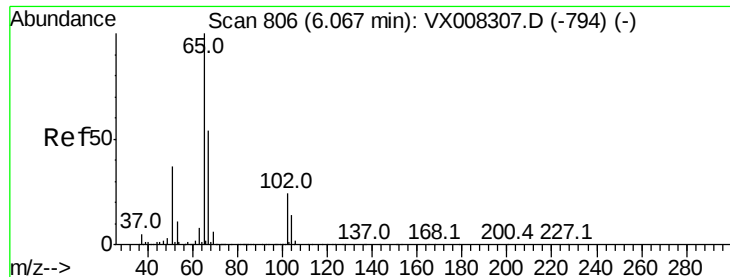
103 67.8 50.4 75.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#27

1,2-Dichloroethane-d4

Concen: 31.253 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008340.D

Acq: 22 Mar 2019 15:49

Instrument :

MSVOA_X

ClientSampled :

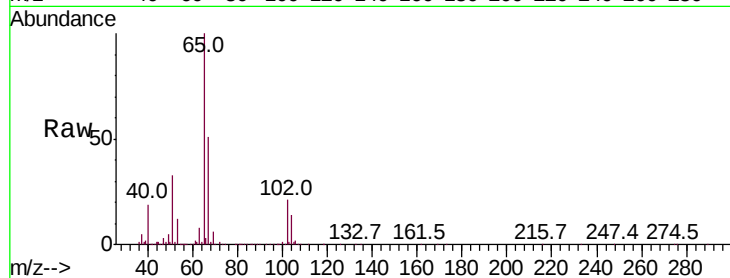
37-ST-2019

Tot Ion: 65 Resp: 64144

Ion Ratio Lower Upper

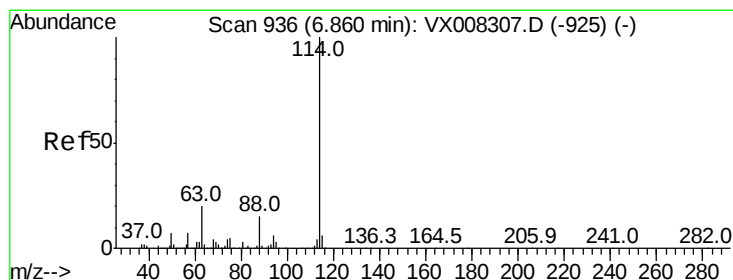
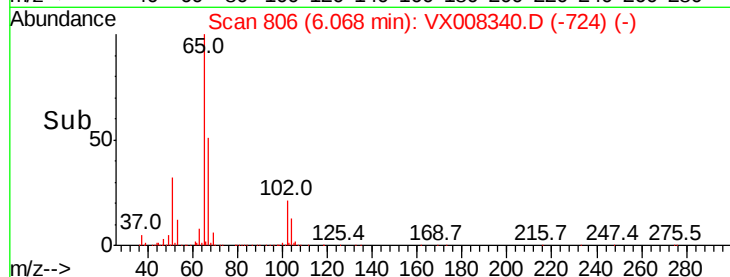
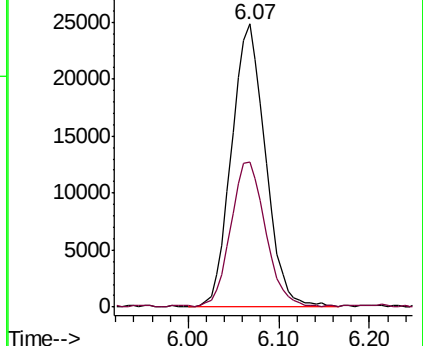
65 100

67 52.7 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: VX008340.D

Acq: 22 Mar 2019 15:49

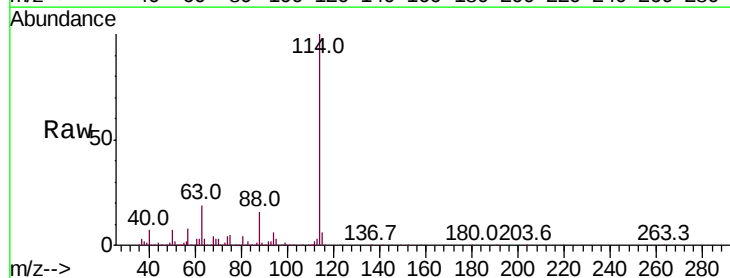
Tgt Ion: 114 Resp: 157113

Ion Ratio Lower Upper

114 100

63 19.1 14.2 21.4

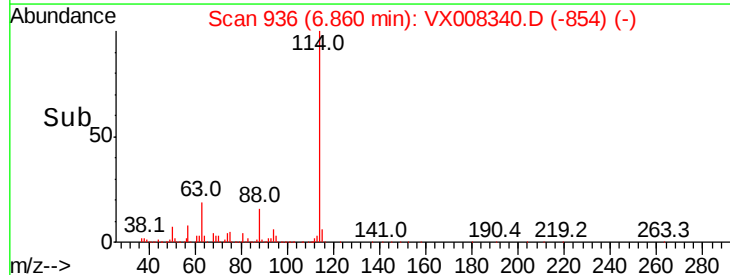
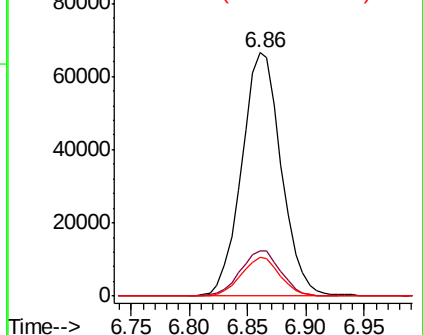
88 15.6 11.9 17.9

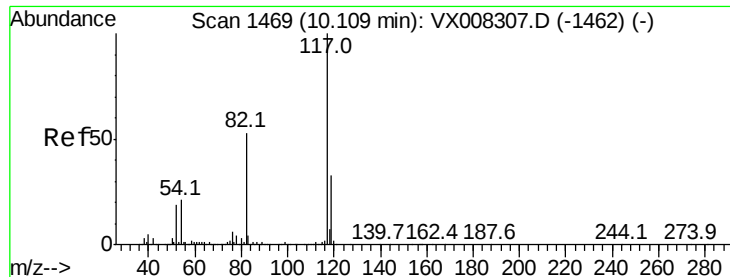


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

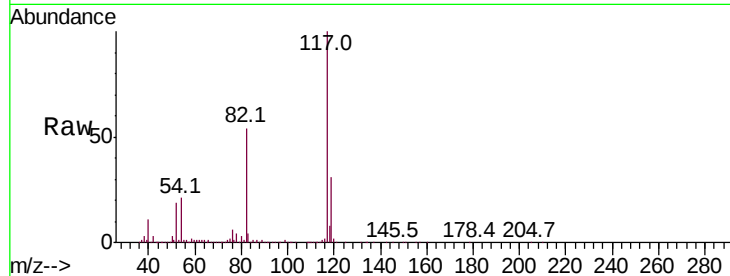




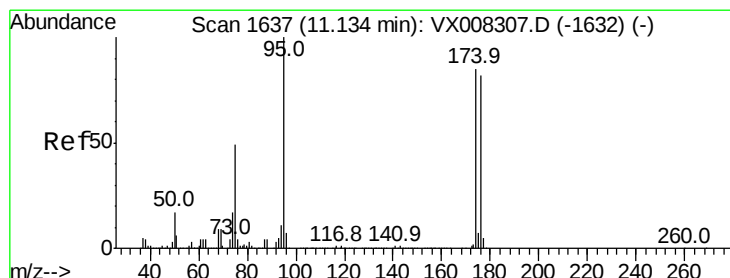
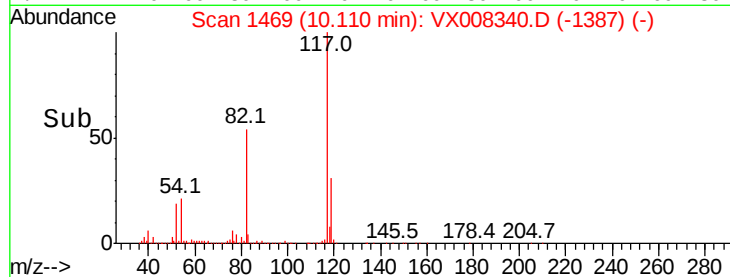
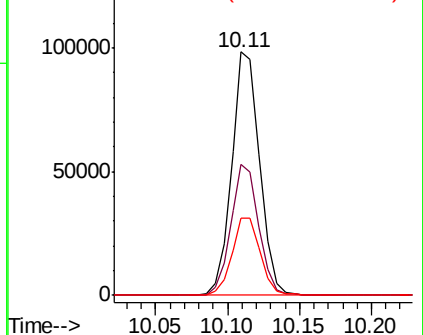
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tot Ion:117 Resp: 133781
Ion Ratio Lower Upper
117 100
82 53.2 40.4 60.6
119 32.2 25.8 38.6

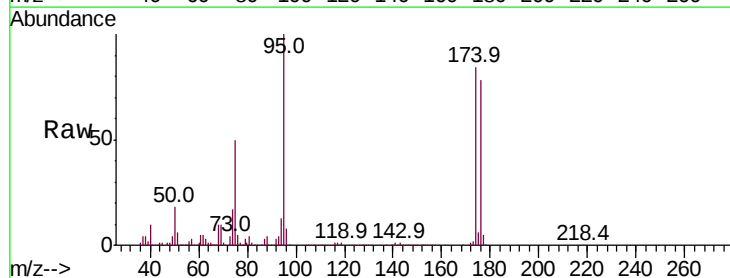


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

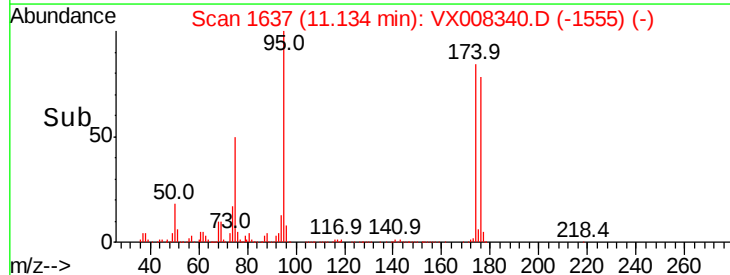
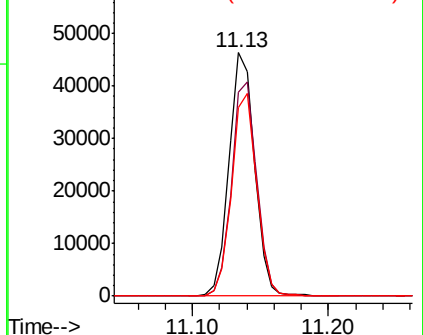


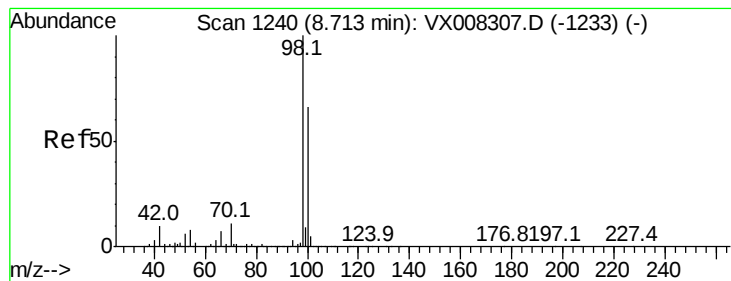
#60
4-Bromofluorobenzene
Concen: 27.807 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 95 Resp: 60554
Ion Ratio Lower Upper
95 100
174 87.0 74.9 112.3
176 82.3 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: 30.483 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008340.D

Acq: 22 Mar 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

37-ST-2019

Tot Ion: 98 Resp: 183737

Ion Ratio Lower Upper

98 100

100 66.0 50.9 76.3

