

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007451.D
 Acq On : 08 Feb 2019 19:15
 Operator : JC/SP
 Sample : K1441-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

Quant Time: Feb 11 09:35:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	76820	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	401579	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	354985	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	151918	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	153950	28.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.67%
63) Toluene-d8	8.71	98	468586	29.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.63%

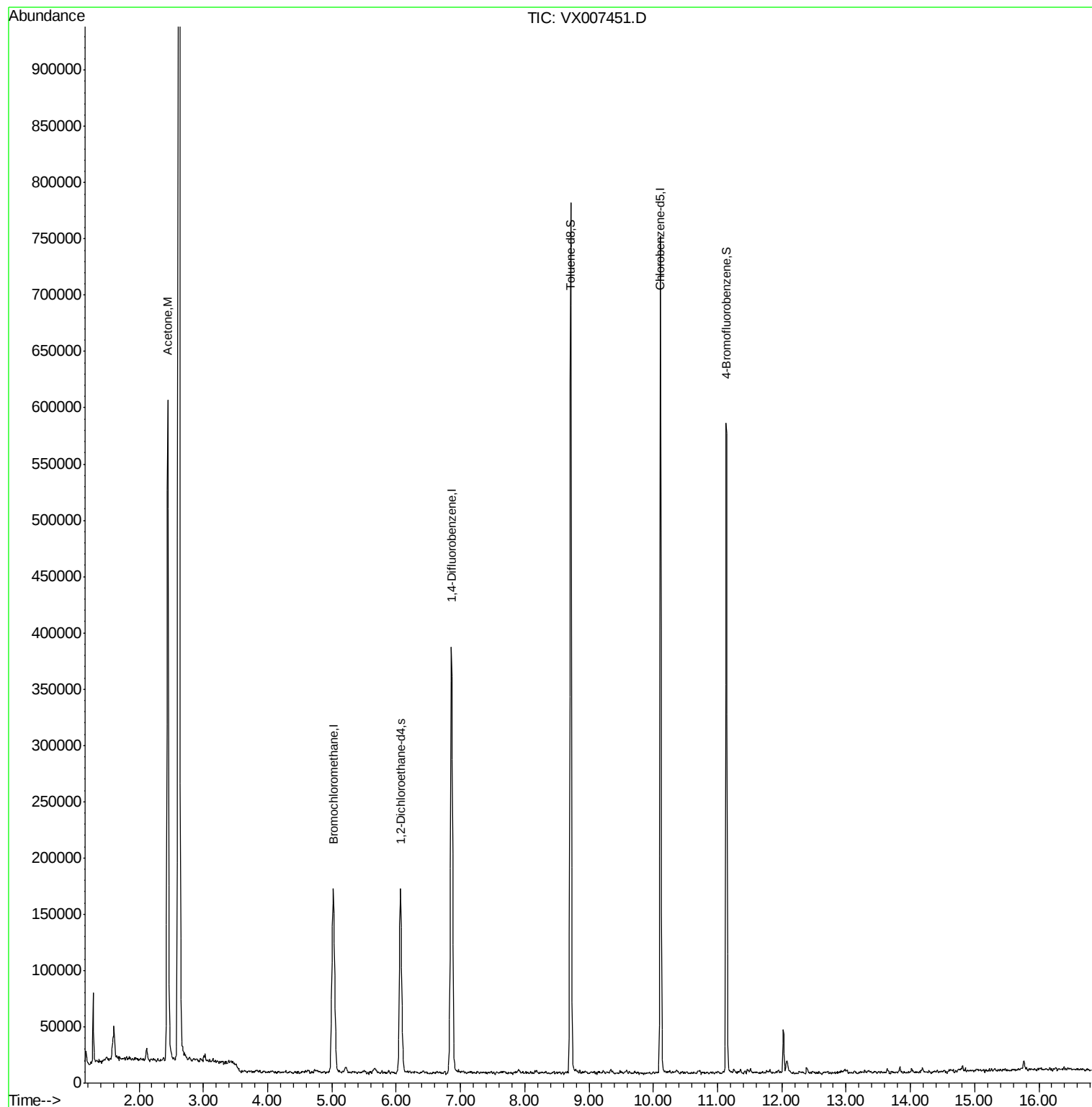
Target Compounds					Ovalue
15) Acetone	2.45	58	194497	270.679 ug/l	99

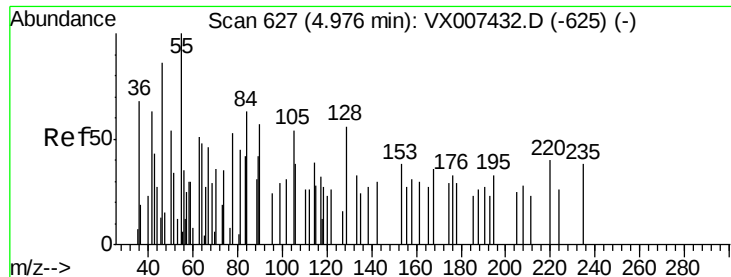
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007451.D

Acq: 08 Feb 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

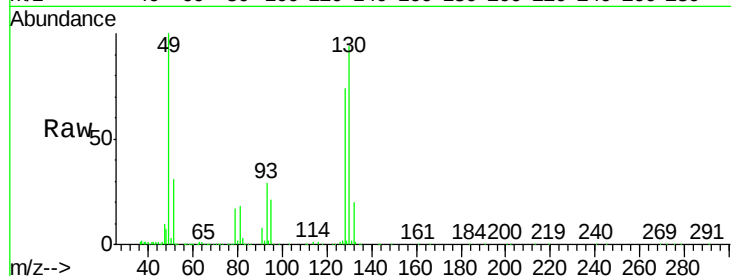
Tot Ion:128 Resp: 76820

Ion Ratio Lower Upper

128 100

49 138.0 0.0 345.5

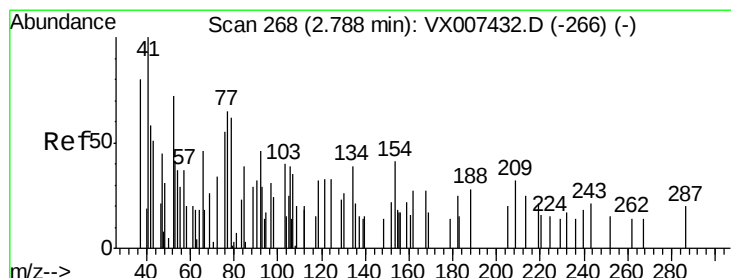
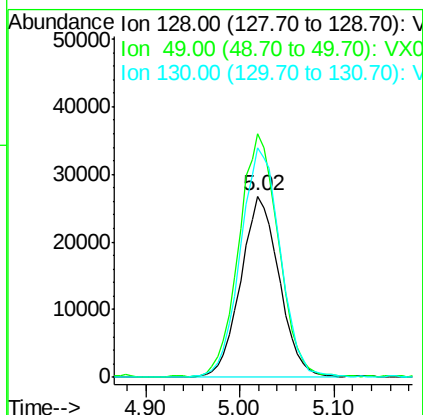
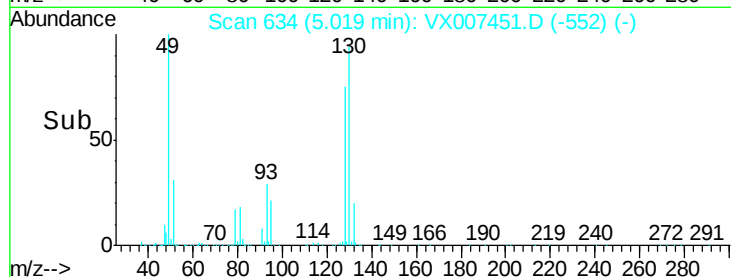
130 130.8 0.0 320.0



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: 270.679 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007451.D

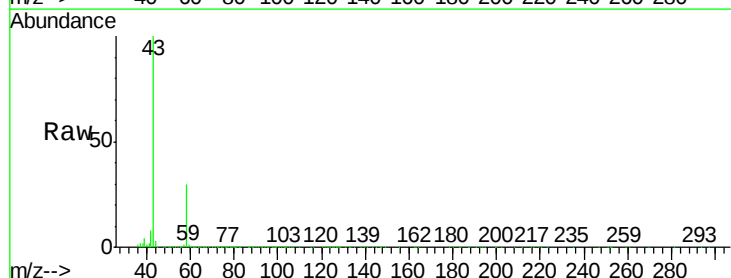
Acq: 08 Feb 2019 19:15

Tgt Ion: 58 Resp: 194497

Ion Ratio Lower Upper

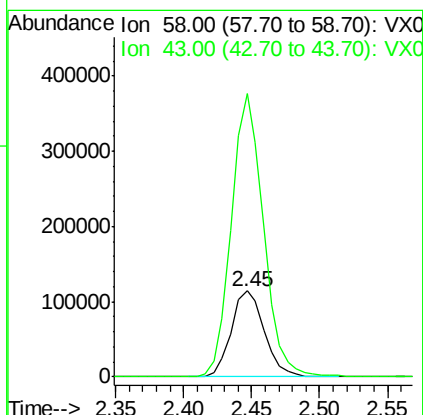
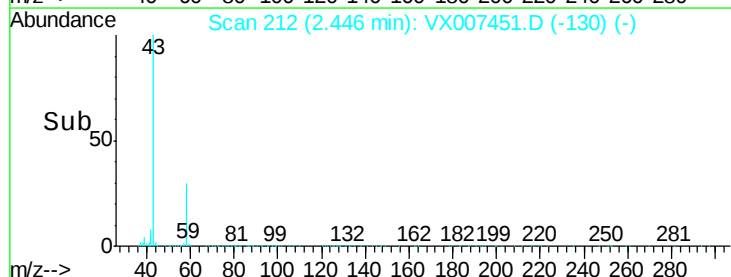
58 100

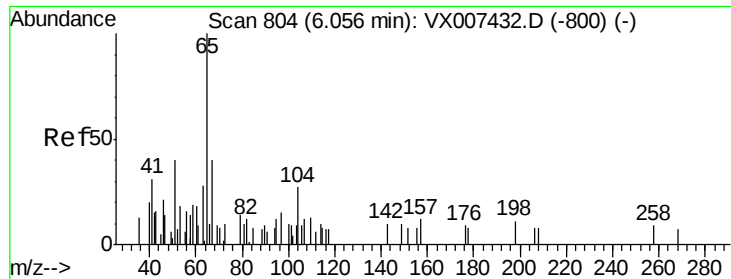
43 329.7 265.9 398.9



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: 30.127 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007451.D

Acq: 08 Feb 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

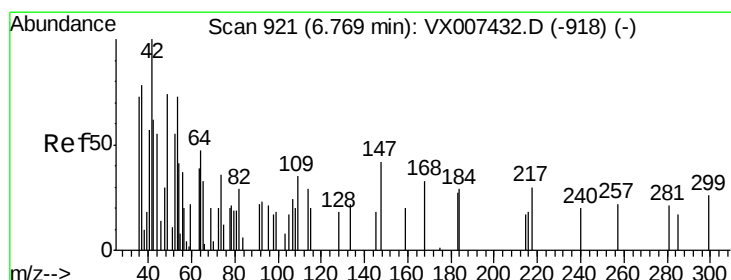
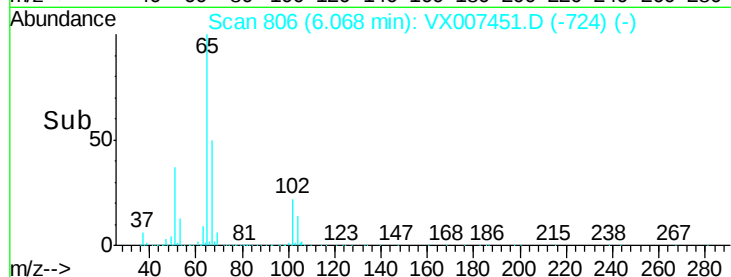
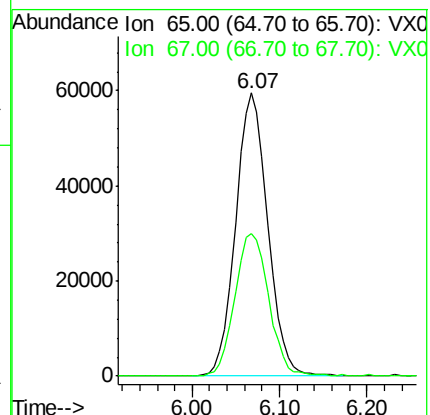
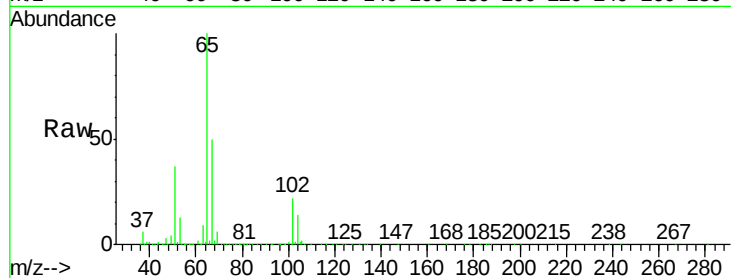
SEWER-OUTLET-02DL

Tot Ion: 65 Resp: 151918

Ion Ratio Lower Upper

65 100

67 53.1 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007451.D

Acq: 08 Feb 2019 19:15

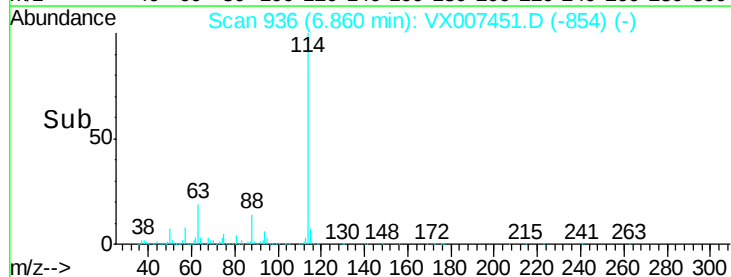
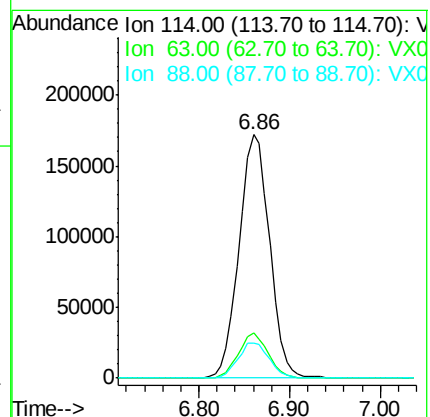
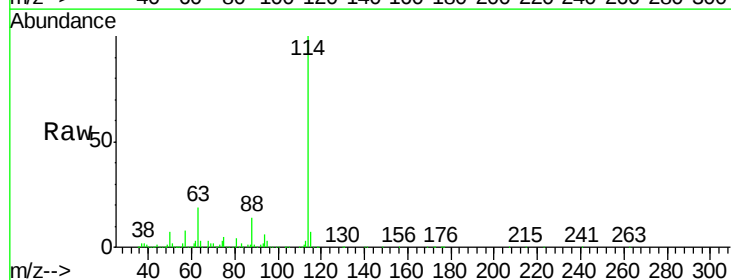
Tgt Ion: 114 Resp: 401579

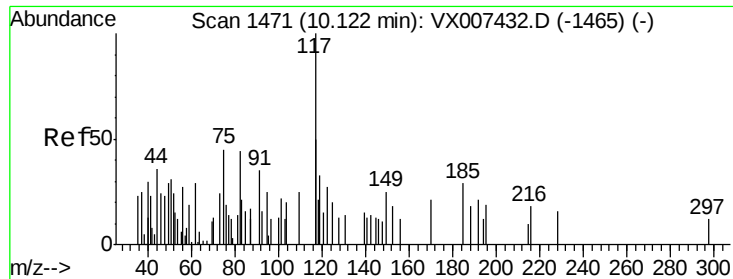
Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

88 14.9 11.8 17.6

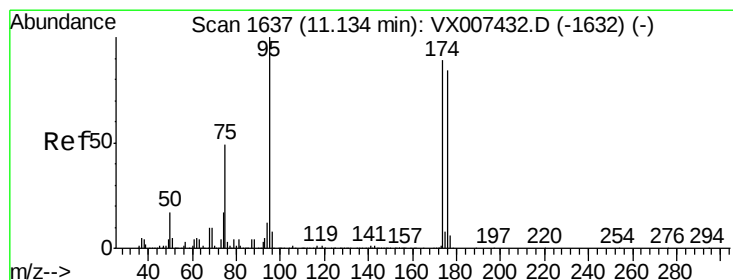
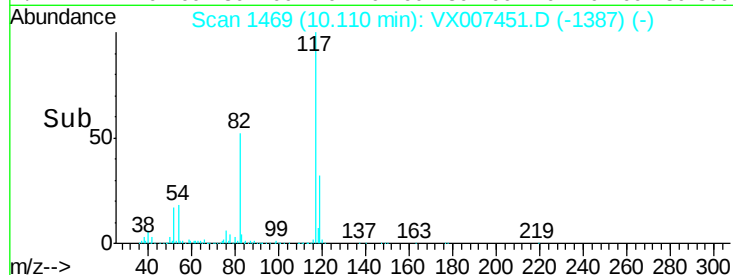
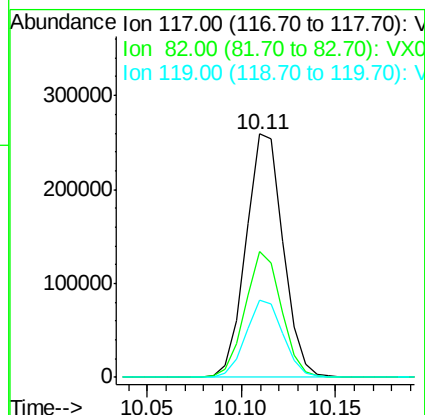
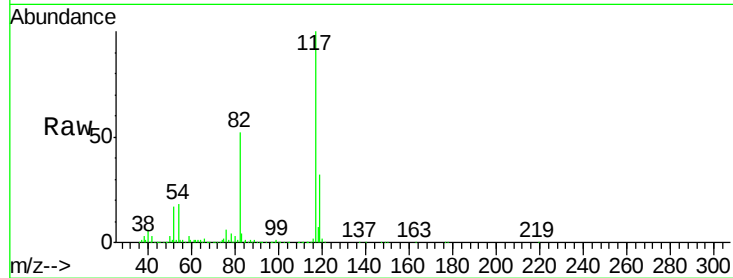




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007451.D
Acq: 08 Feb 2019 19:15

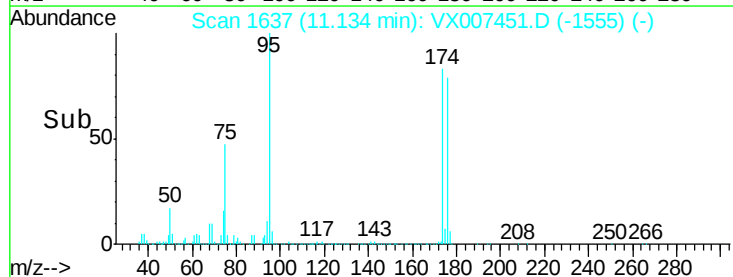
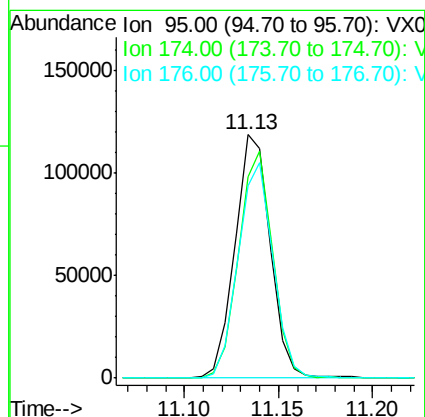
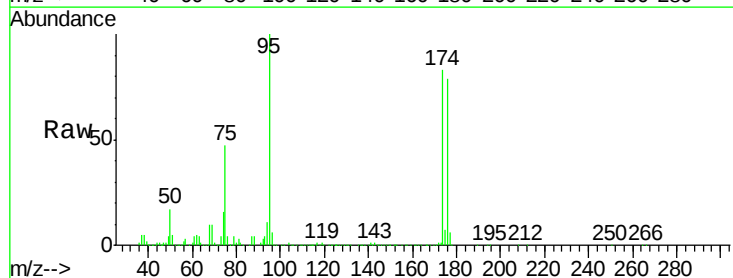
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

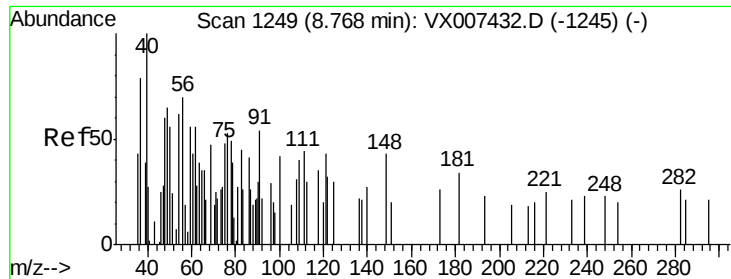
Tot Ion:117 Resp: 354985
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.0
119 31.7 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.098 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007451.D
Acq: 08 Feb 2019 19:15

Tgt Ion: 95 Resp: 153950
Ion Ratio Lower Upper
95 100
174 90.2 74.8 112.2
176 88.6 72.5 108.7





#63
 Toluene-d8
 Concen: 29.285 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007451.D
 Acq: 08 Feb 2019 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

Tot Ion: 98 Resp: 468586
 Ion Ratio Lower Upper
 98 100
 100 63.3 49.9 74.9

