

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007442.D
 Acq On : 08 Feb 2019 15:16
 Operator : JC/SP
 Sample : K1441-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02

Quant Time: Feb 08 23:44:19 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	5.03	128	77865	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	417503	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	369266	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	157866	30.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.97%
60) 4-Bromofluorobenzene	11.13	95	161336	28.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.37%
63) Toluene-d8	8.71	98	486857	29.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.50%

Target Compounds

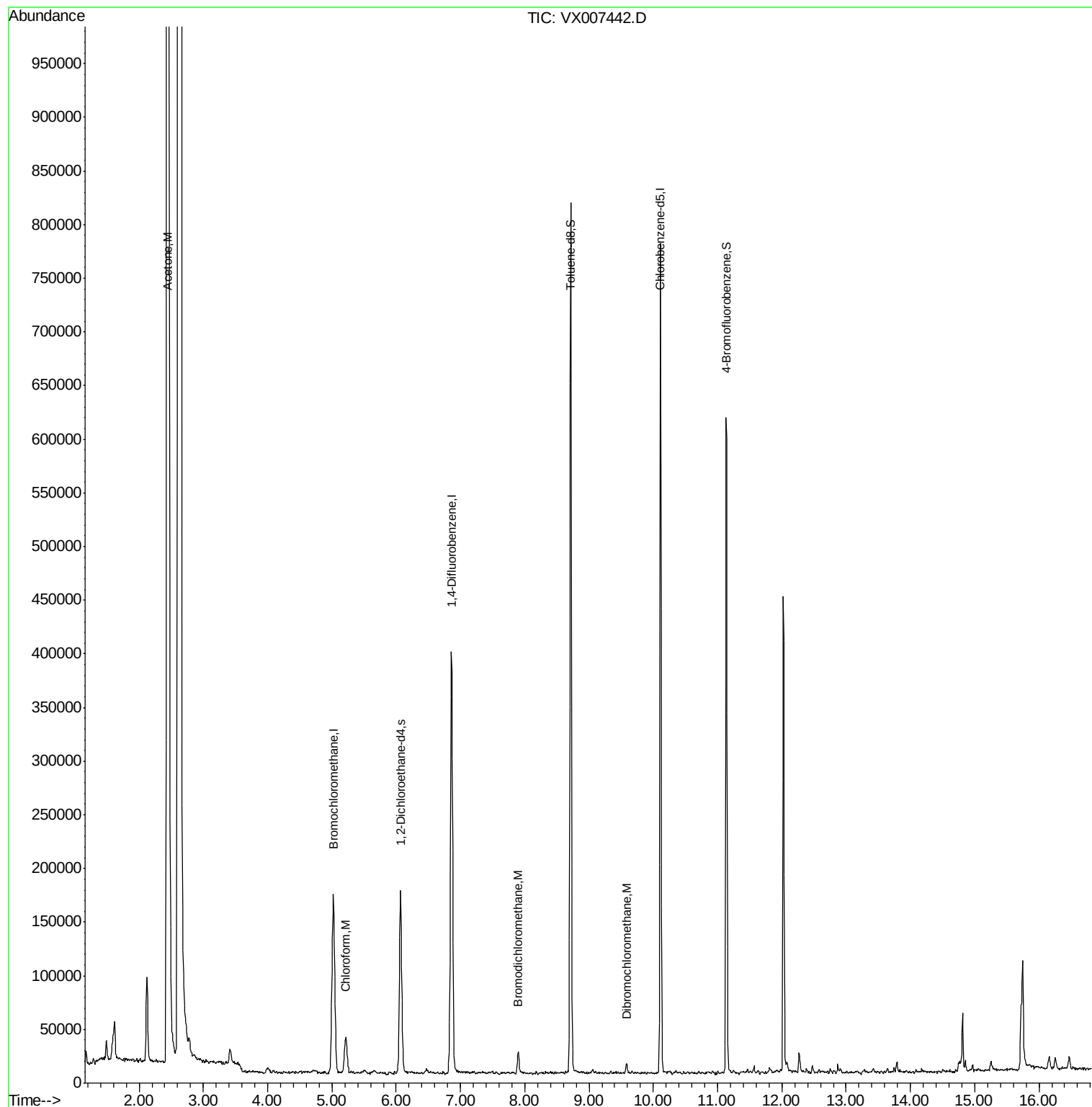
					Ovalue	
15) Acetone	2.45	58	2208018	3031.629	ug/l	91
25) Chloroform	5.21	83	40194	5.234	ug/l	96
41) Bromodichloromethane	7.90	83	13269	2.493	ug/l #	96
53) Dibromochloromethane	9.59	129	3629	0.789	ug/l	86

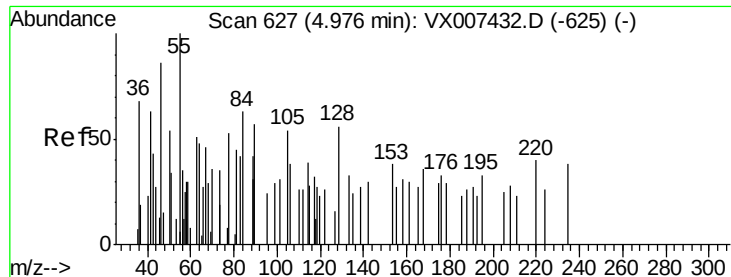
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:35:22 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: VX007442.D

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Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02

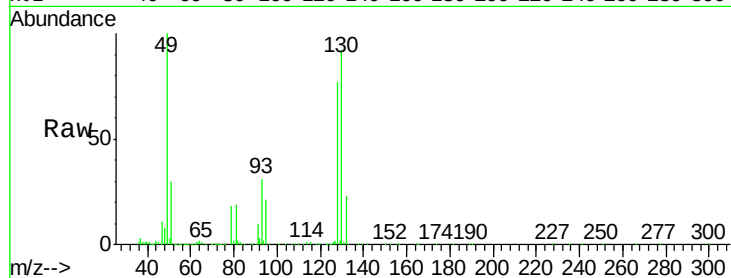
Tot Ion:128 Resp: 77865

Ion Ratio Lower Upper

128 100

49 137.1 0.0 345.5

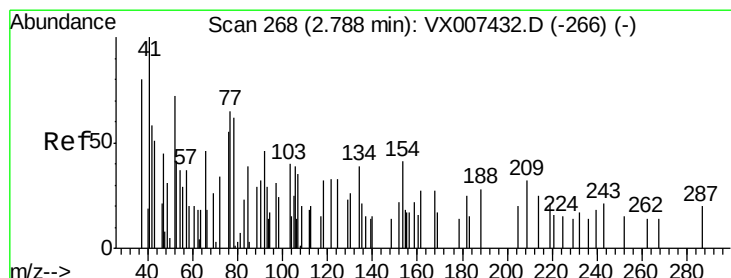
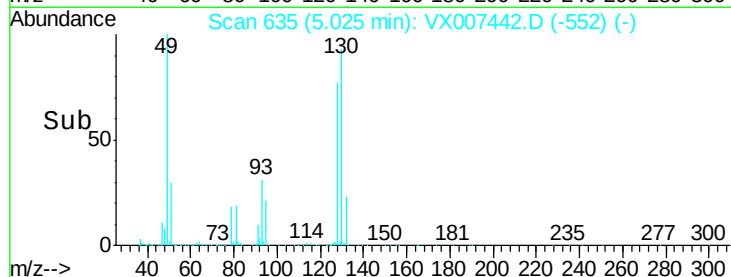
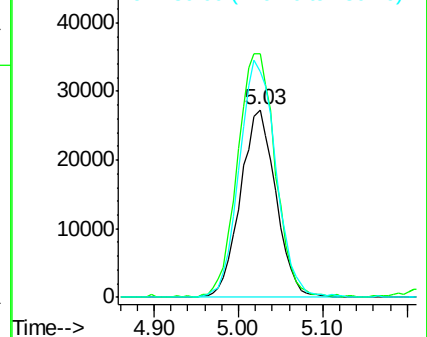
130 130.5 0.0 320.0



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: 3031.629 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007442.D

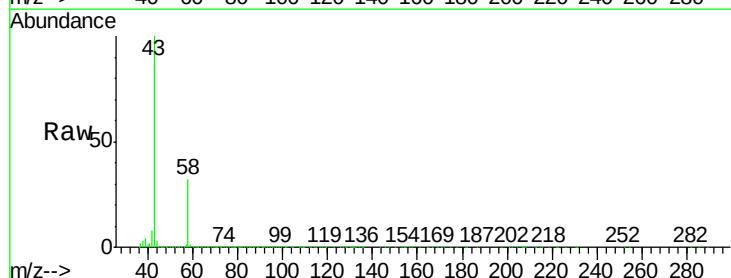
Acq: 08 Feb 2019 15:16

Tgt Ion: 58 Resp: 2208018

Ion Ratio Lower Upper

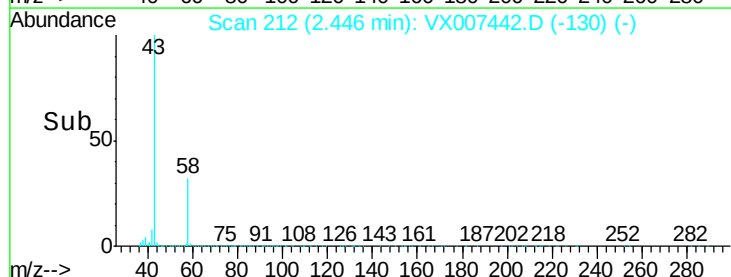
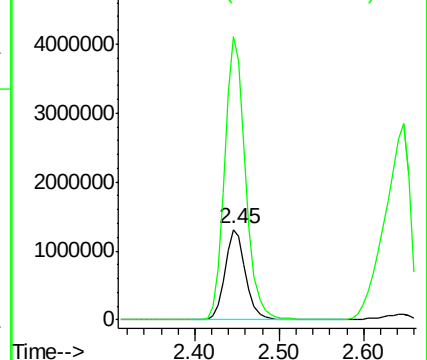
58 100

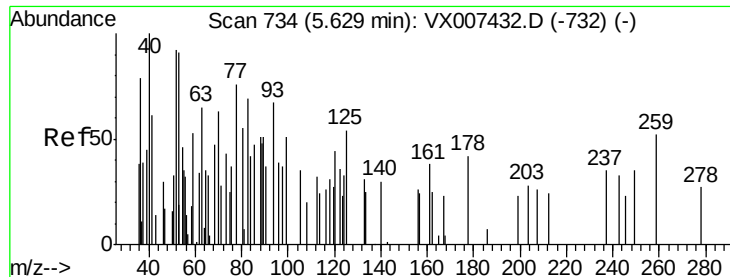
43 313.6 265.9 398.9



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 5.234 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007442.D

Acq: 08 Feb 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

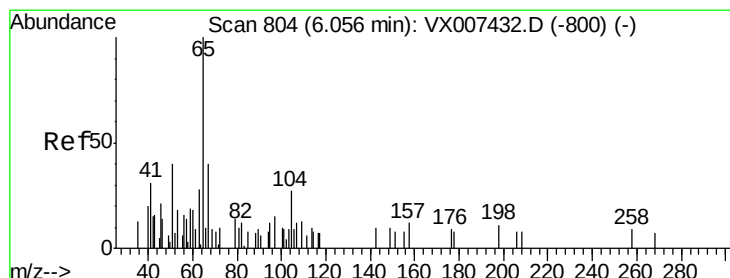
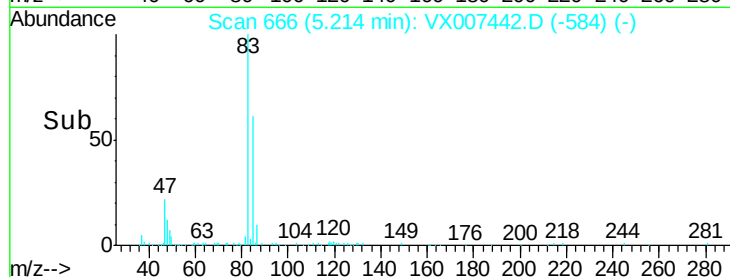
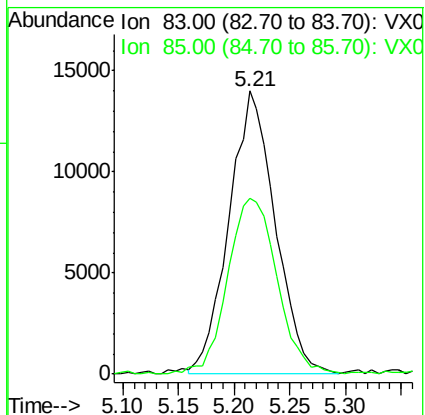
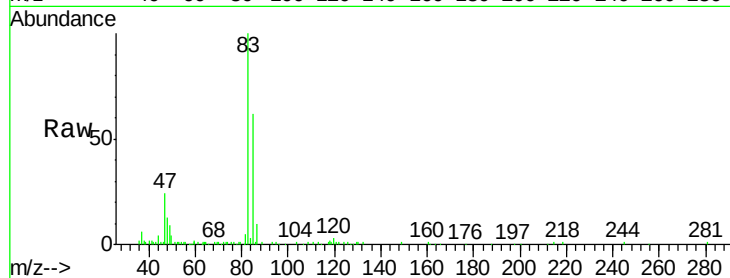
SEWER-OUTLET-02

Tot Ion: 83 Resp: 40194

Ion Ratio Lower Upper

83 100

85 61.7 51.9 77.9



#27

1,2-Dichloroethane-d4

Concen: 30.886 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007442.D

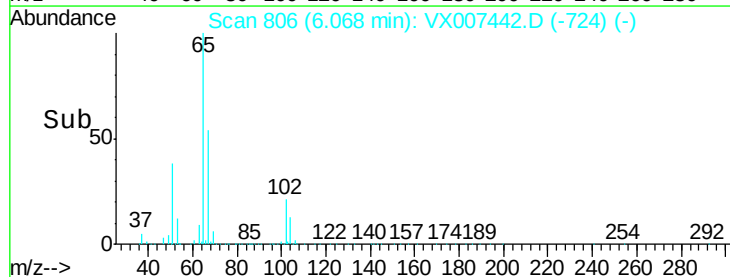
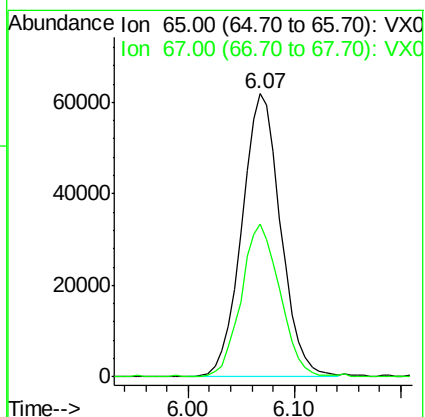
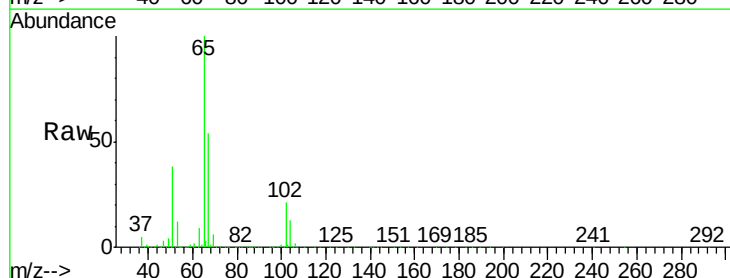
Acq: 08 Feb 2019 15:16

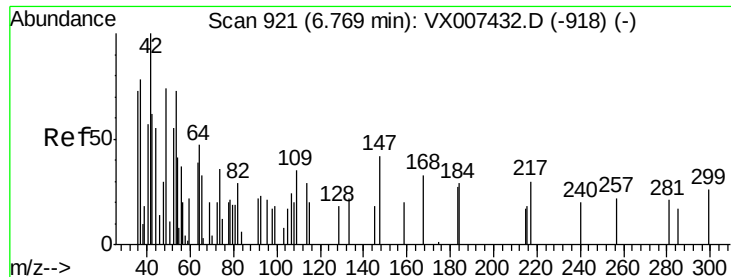
Tgt Ion: 65 Resp: 157866

Ion Ratio Lower Upper

65 100

67 53.8 42.0 63.0

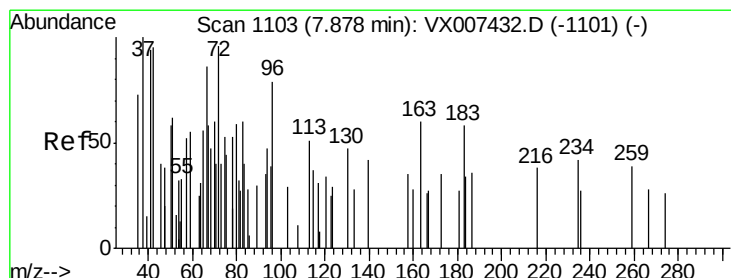
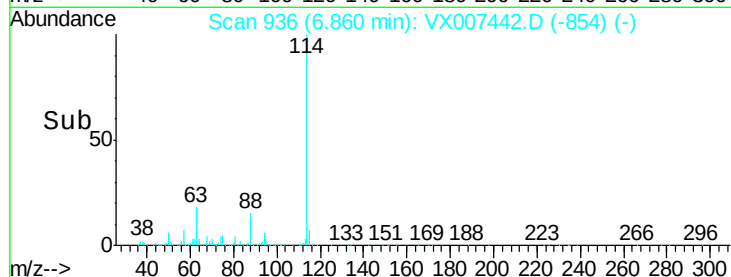
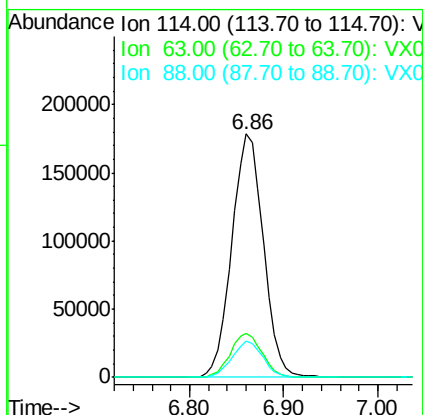
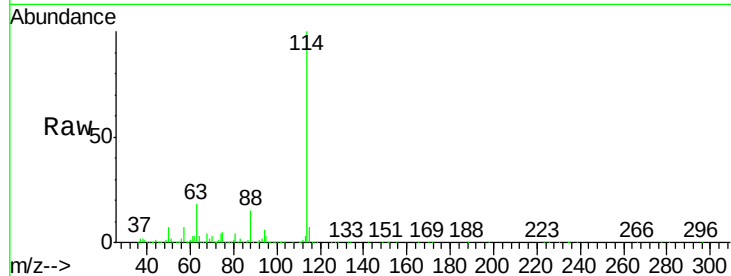




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007442.D
 Acq: 08 Feb 2019 15:16

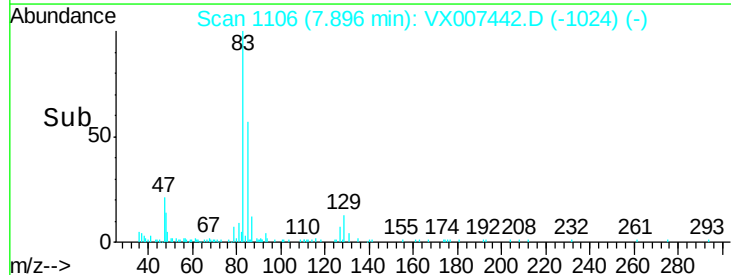
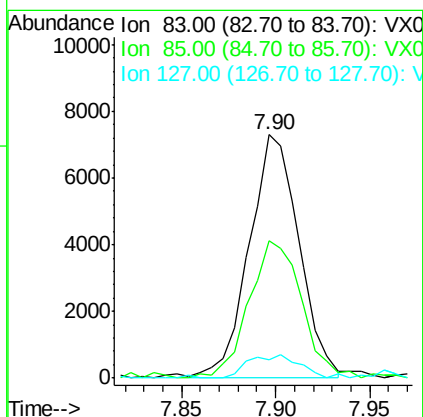
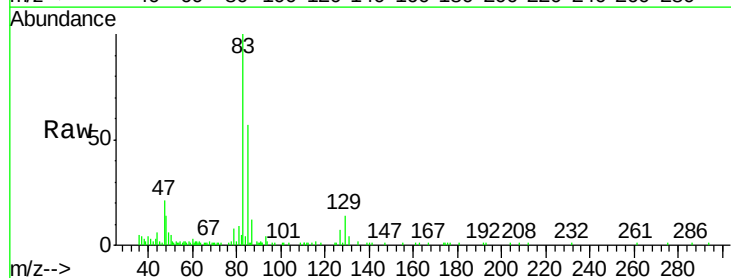
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02

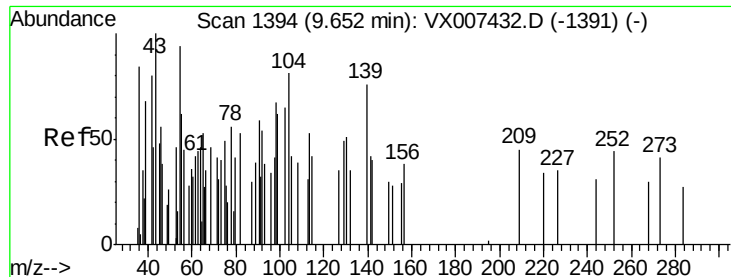
Tot Ion:114 Resp: 417503
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.6 21.8
 88 14.6 11.8 17.6



#41
 Bromodichloromethane
 Concen: 2.493 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX007442.D
 Acq: 08 Feb 2019 15:16

Tgt Ion: 83 Resp: 13269
 Ion Ratio Lower Upper
 83 100
 85 58.3 48.2 72.2
 127 6.1 8.3 12.5#





#53

Dibromochloromethane

Concen: 0.789 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007442.D

Acq: 08 Feb 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

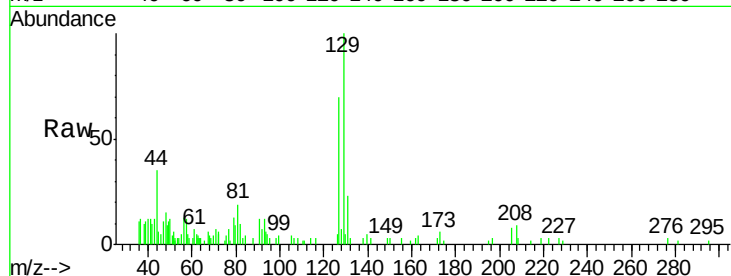
SEWER-OUTLET-02

Tot Ion:129 Resp: 3629

Ion Ratio Lower Upper

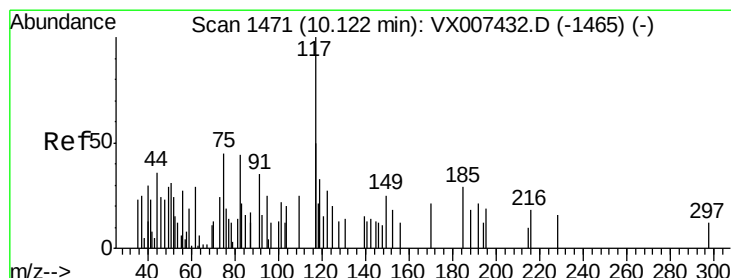
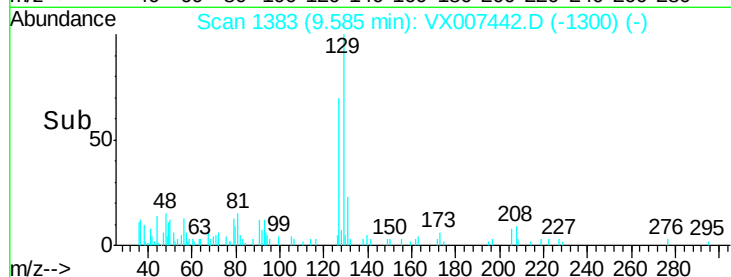
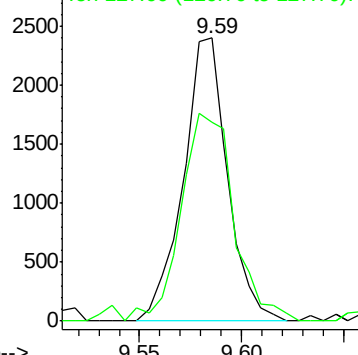
129 100

127 87.2 37.7 113.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007442.D

Acq: 08 Feb 2019 15:16

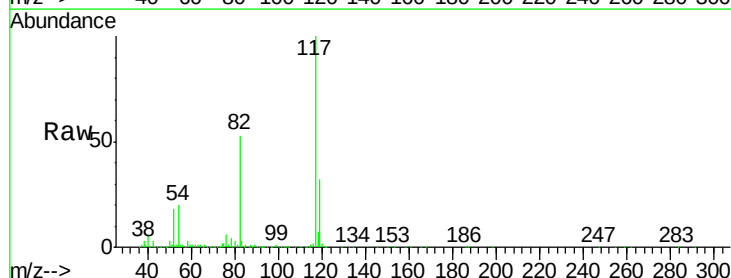
Tgt Ion:117 Resp: 369266

Ion Ratio Lower Upper

117 100

82 52.2 41.4 62.0

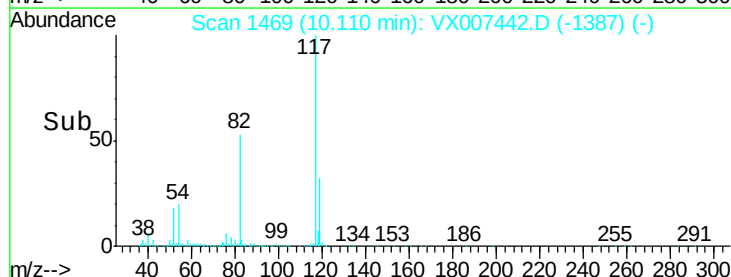
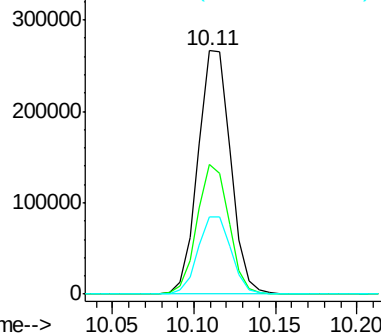
119 32.3 25.7 38.5

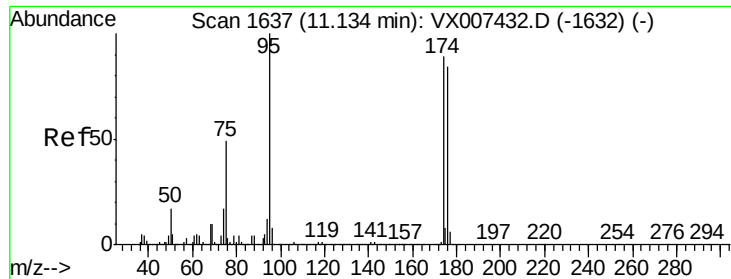


Abundance Ion 117.00 (116.70 to 117.70): V

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: VX007442.D

Acq: 08 Feb 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02

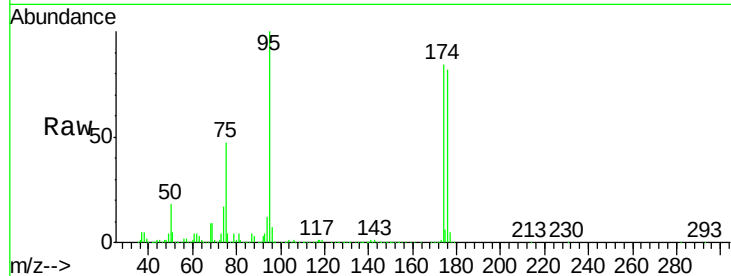
Tot Ion: 95 Resp: 161336

Ion Ratio Lower Upper

95 100

174 91.5 74.8 112.2

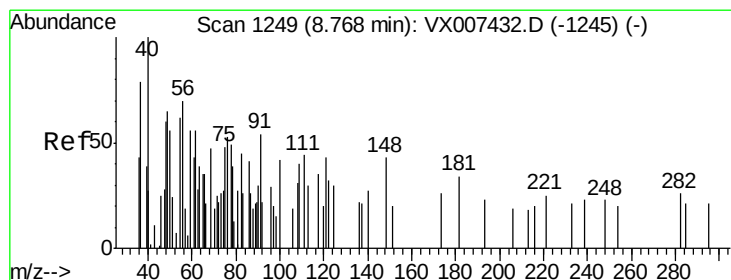
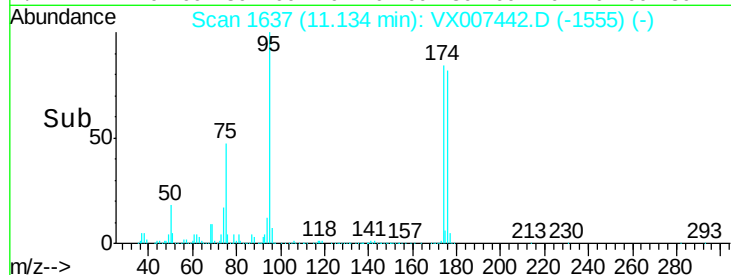
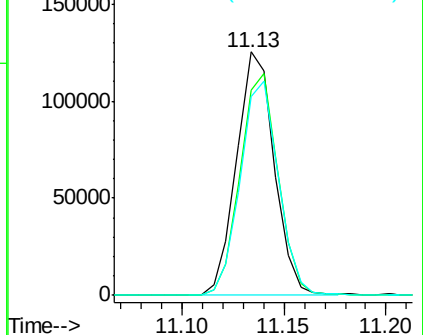
176 89.0 72.5 108.7



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: 29.250 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007442.D

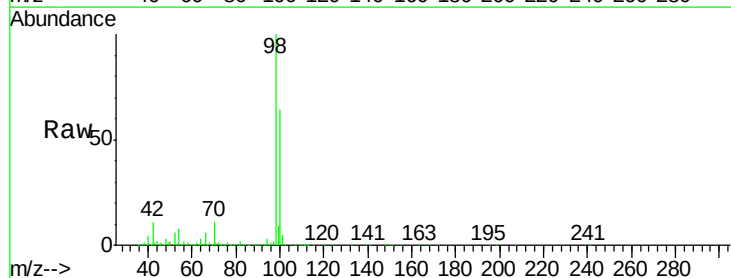
Acq: 08 Feb 2019 15:16

Tgt Ion: 98 Resp: 486857

Ion Ratio Lower Upper

98 100

100 64.4 49.9 74.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

