

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001629.D
 Acq On : 11 May 2018 04:22
 Operator : JC/MD
 Sample : J2801-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTFALL-001

Quant Time: May 11 07:49:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	52723	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	290523	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	261251	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123455	32.09	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	106.97%	
60) 4-Bromofluorobenzene	11.14	95	120193	29.07	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	96.90%	
63) Toluene-d8	8.72	98	338313	29.04	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	96.80%	

Target Compounds

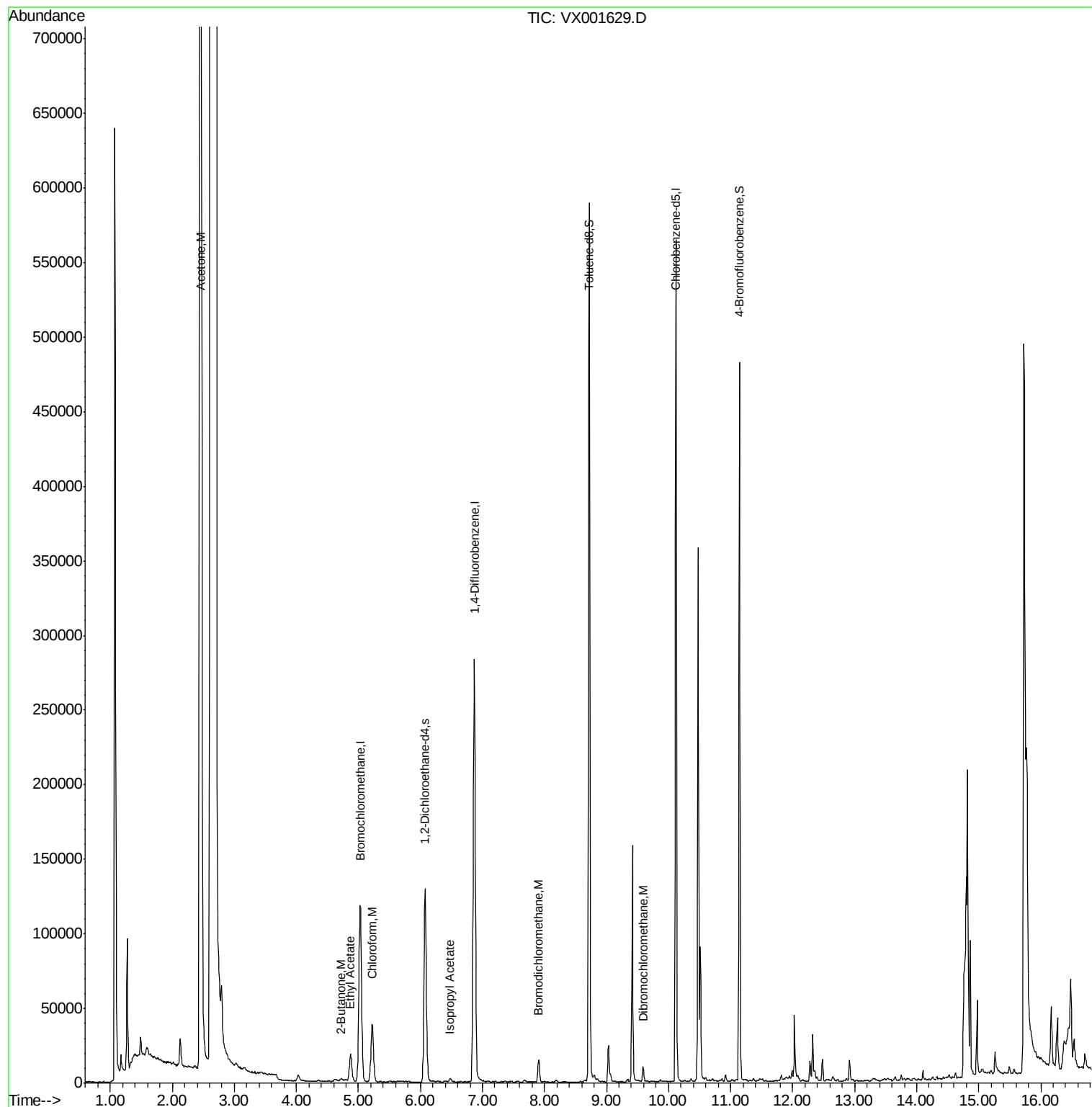
						Ovalue
15) Acetone	2.45	58	949331	2132.05	ug/l	96
25) Chloroform	5.22	83	44721	8.68	ug/l	94
30) 2-Butanone	4.72	43	3132	1.30	ug/l #	98
41) Bromodichloromethane	7.91	83	8833	2.24	ug/l #	98
43) Ethyl Acetate	4.87	43	31464	6.85	ug/l	96
44) Isopropyl Acetate	6.48	43	2945	0.42	ug/l #	87
53) Dibromochloromethane	9.59	129	2036	0.63	ug/l	96

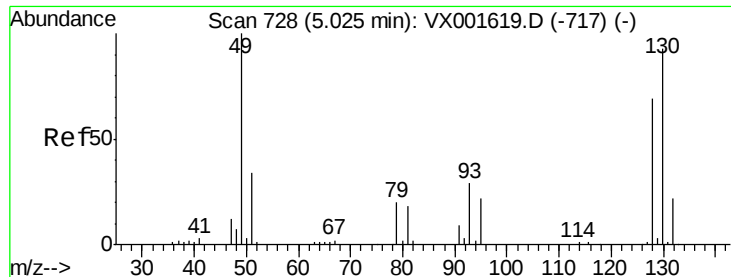
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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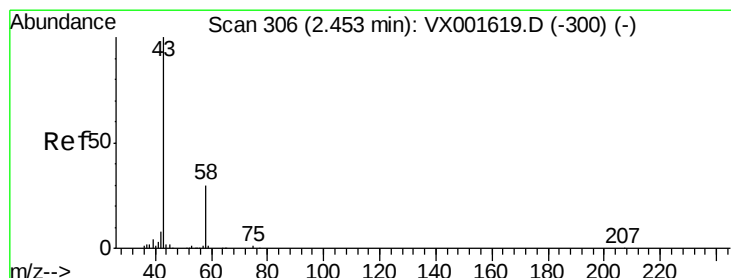
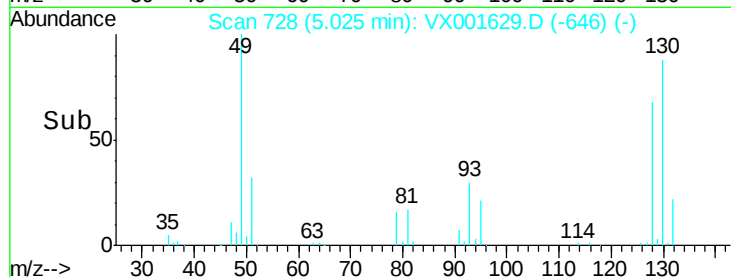
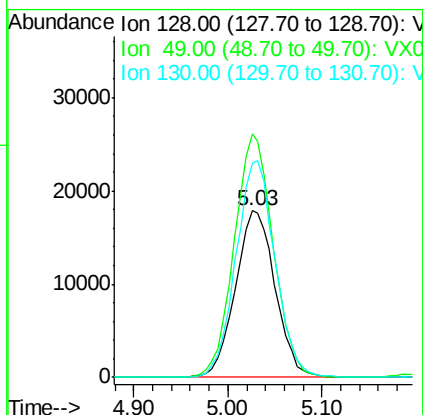
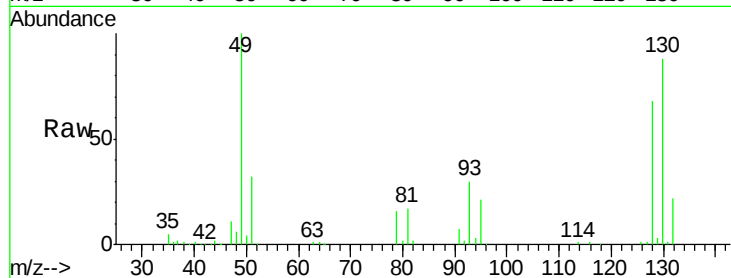




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001629.D
 Acq: 11 May 2018 04:22

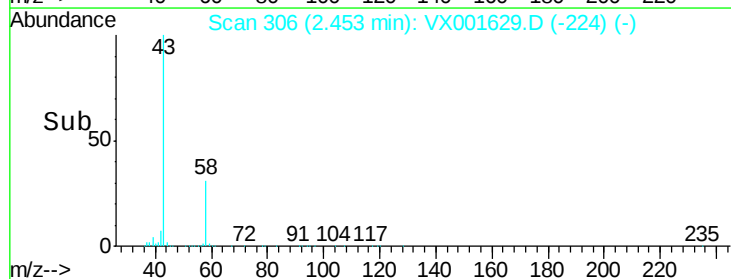
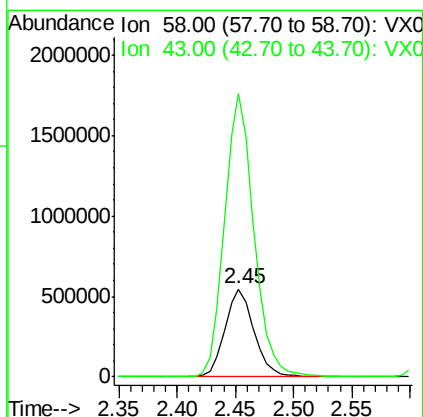
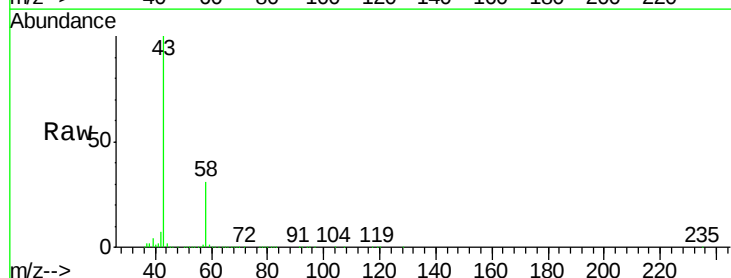
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTFALL-001

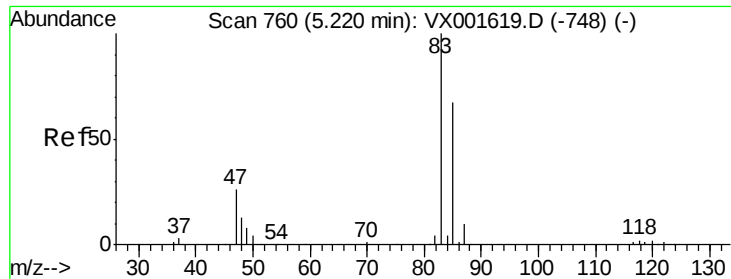
Tot Ion:128 Resp: 52723
 Ion Ratio Lower Upper
 128 100
 49 143.5 0.0 372.0
 130 128.1 0.0 326.5



#15
 Acetone
 Concen: 2132.05 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001629.D
 Acq: 11 May 2018 04:22

Tgt Ion: 58 Resp: 949331
 Ion Ratio Lower Upper
 58 100
 43 321.0 264.2 396.2

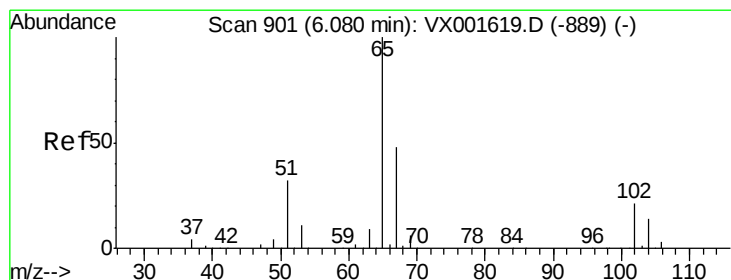
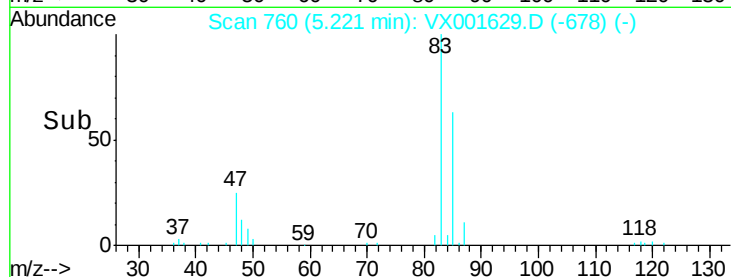
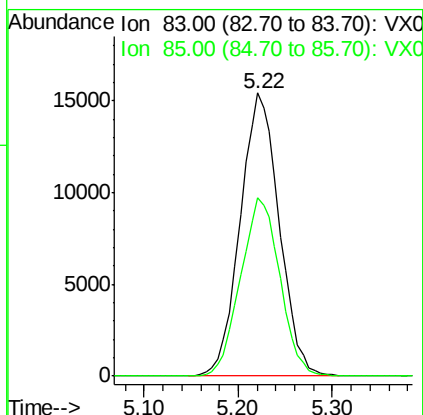
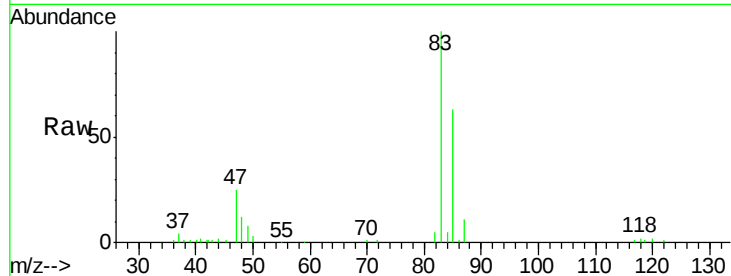




#25
Chloroform
Concen: 8.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

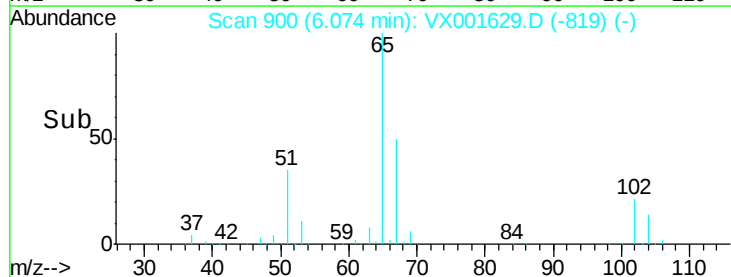
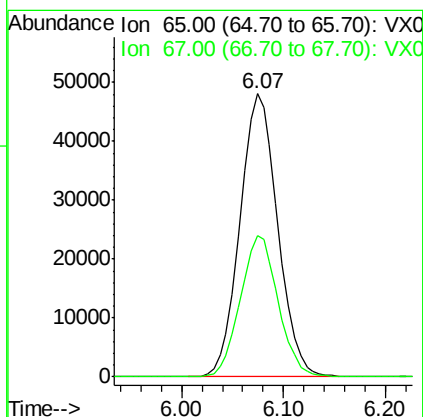
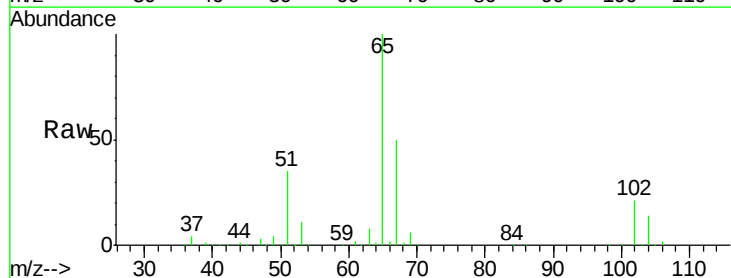
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

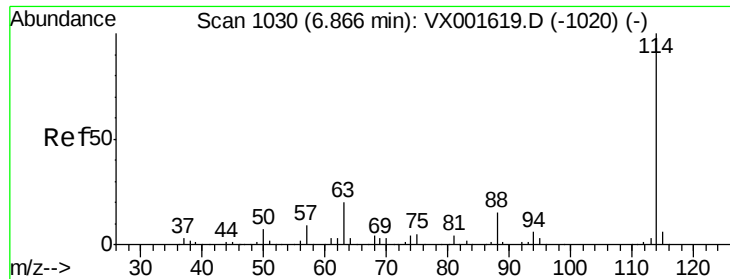
Tot Ion: 83 Resp: 44721
Ion Ratio Lower Upper
83 100
85 62.9 53.9 80.9



#27
1,2-Dichloroethane-d4
Concen: 32.09 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 65 Resp: 123455
Ion Ratio Lower Upper
65 100
67 49.9 40.2 60.2

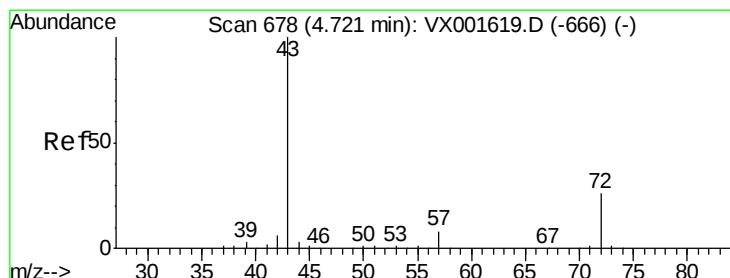
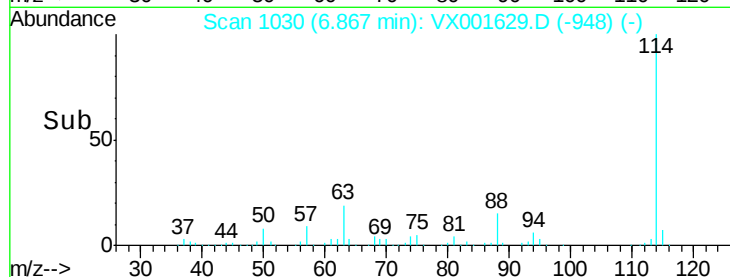
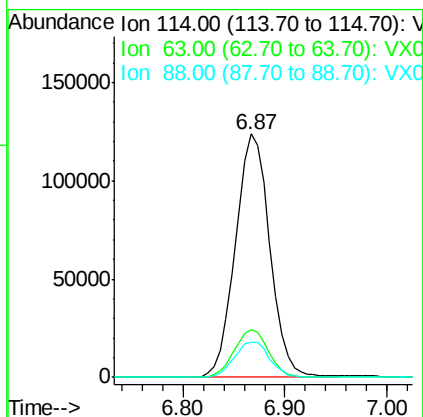
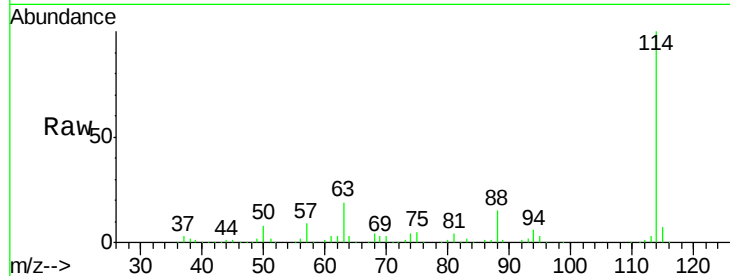




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001629.D
 Acq: 11 May 2018 04:22

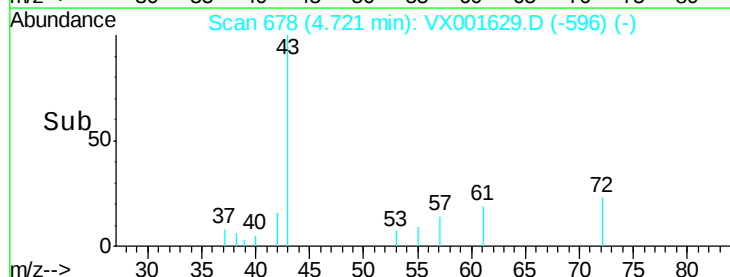
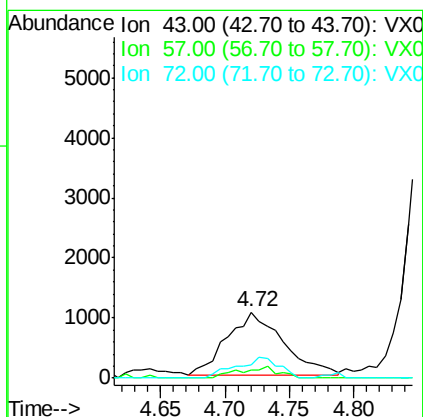
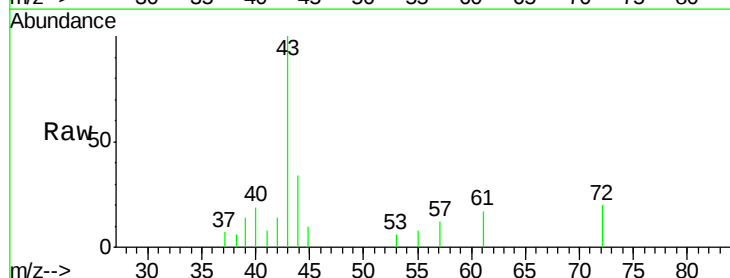
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTFALL-001

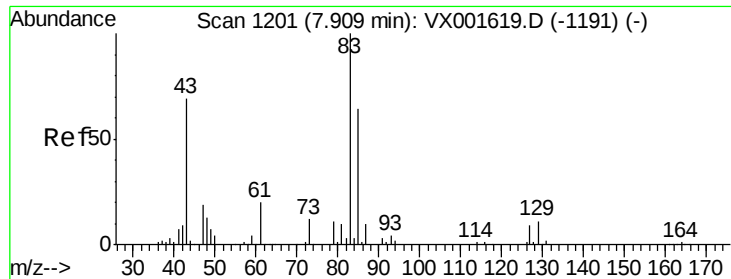
Tot Ion:114 Resp: 290523
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.5 23.3
 88 14.9 12.2 18.4



#30
 2-Butanone
 Concen: 1.30 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001629.D
 Acq: 11 May 2018 04:22

Tgt Ion: 43 Resp: 3132
 Ion Ratio Lower Upper
 43 100
 57 6.2 6.3 9.5#
 72 24.9 20.2 30.4





#41

Bromodichloromethane

Concen: 2.24 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001629.D

Acq: 11 May 2018 04:22

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTFALL-001

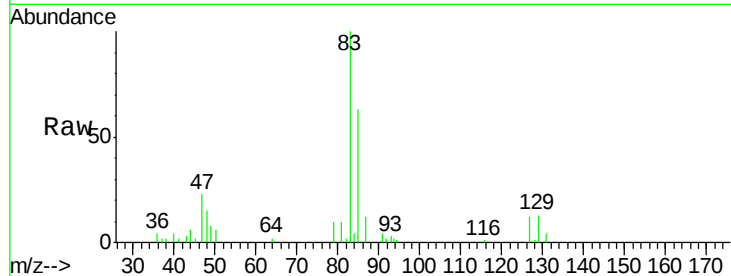
Tot Ion: 83 Resp: 8833

Ion Ratio Lower Upper

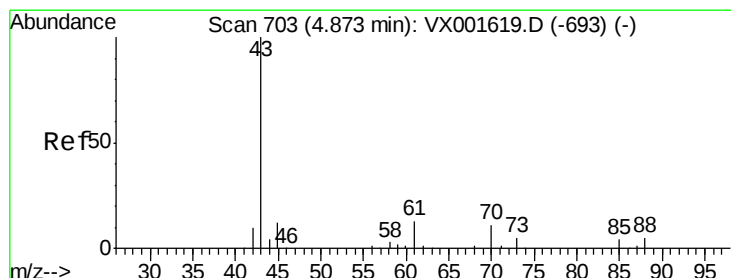
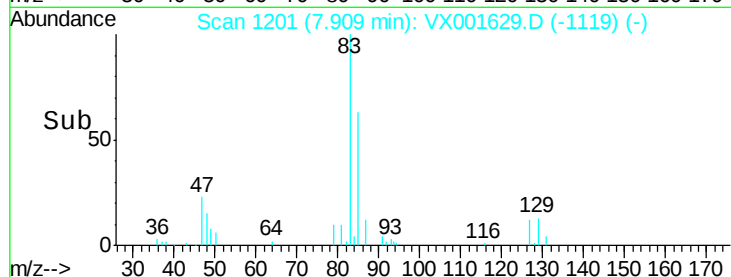
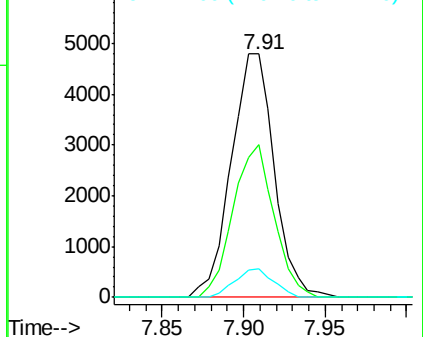
83 100

85 62.8 51.3 76.9

127 11.6 7.5 11.3#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#43

Ethyl Acetate

Concen: 6.85 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001629.D

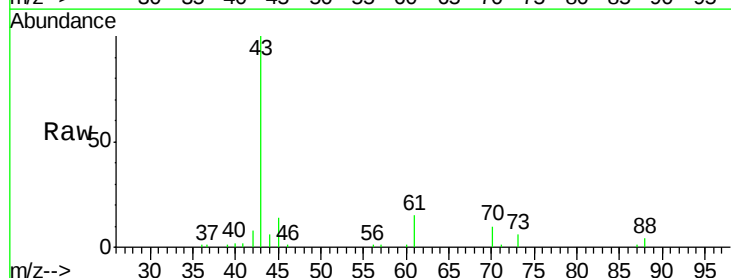
Acq: 11 May 2018 04:22

Tgt Ion: 43 Resp: 31464

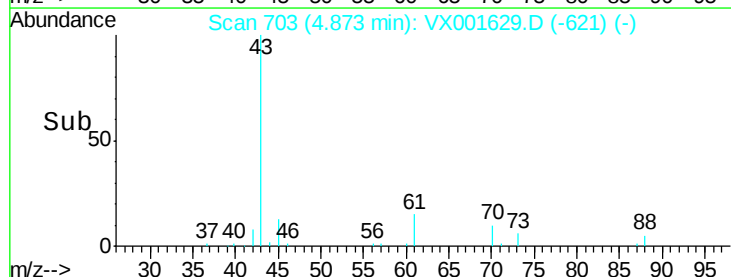
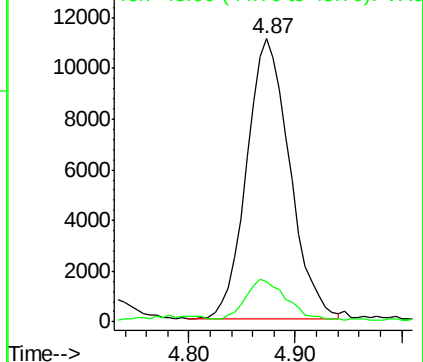
Ion Ratio Lower Upper

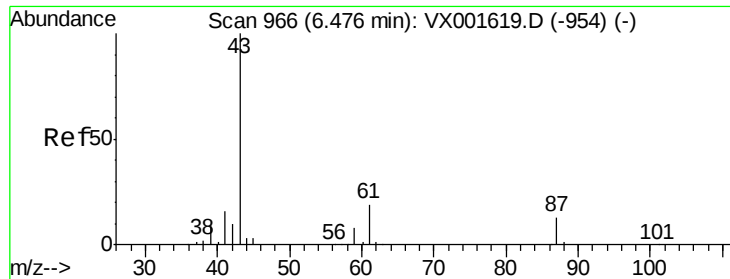
43 100

45 14.3 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 0.42 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001629.D

Acq: 11 May 2018 04:22

Instrument :

MSVOA_X

ClientSampleId :

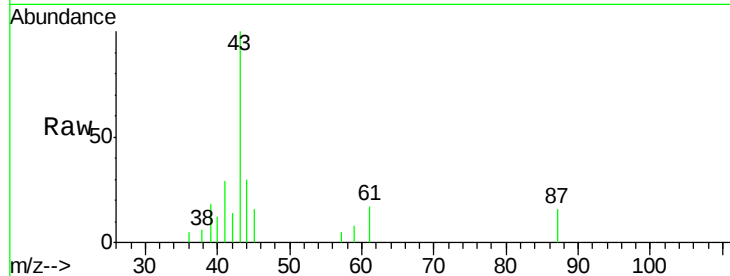
SEWER-OUTFALL-001

Tot Ion: 43 Resp: 2945

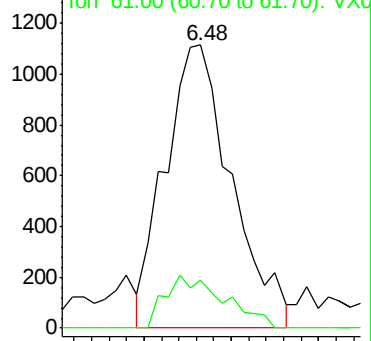
Ion Ratio Lower Upper

43 100

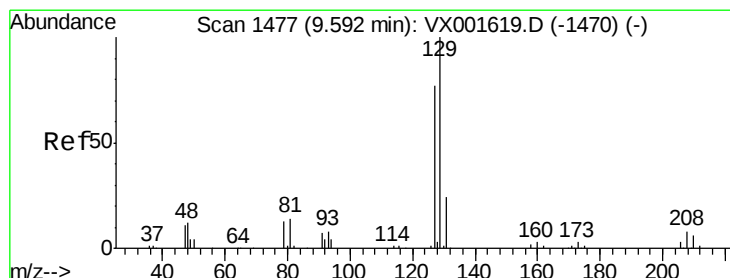
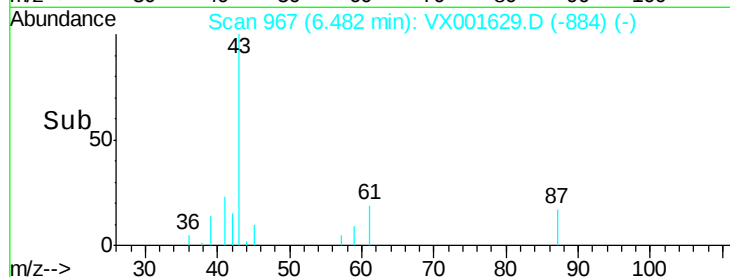
61 13.0 15.1 22.7#



Abundance Ion 43.00 (42.70 to 43.70): VX001619.D (-954) (-)



Time-->



#53

Dibromochloromethane

Concen: 0.63 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001629.D

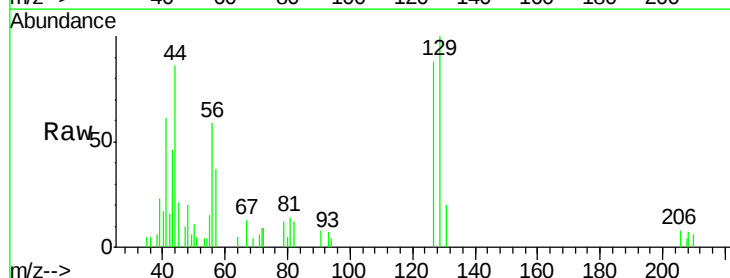
Acq: 11 May 2018 04:22

Tgt Ion: 129 Resp: 2036

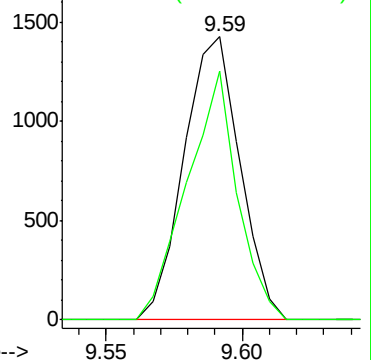
Ion Ratio Lower Upper

129 100

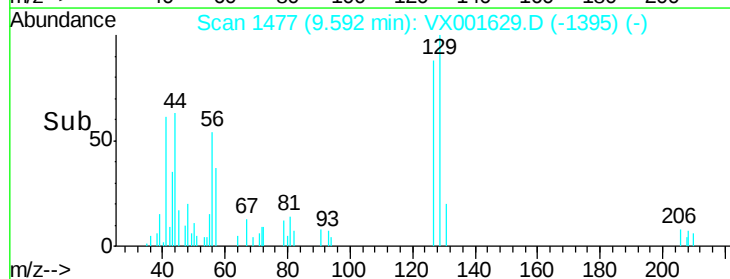
127 79.1 37.9 113.7

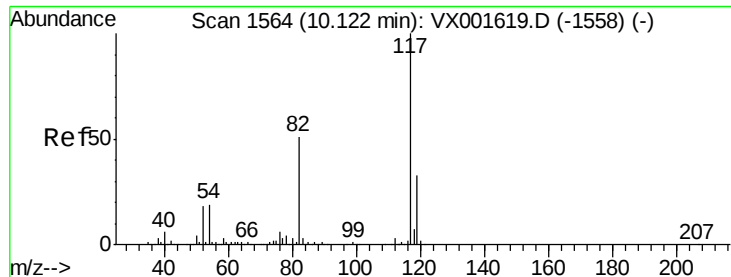


Abundance Ion 129.00 (128.70 to 129.70): VX001619.D (-1470) (-)



Time-->

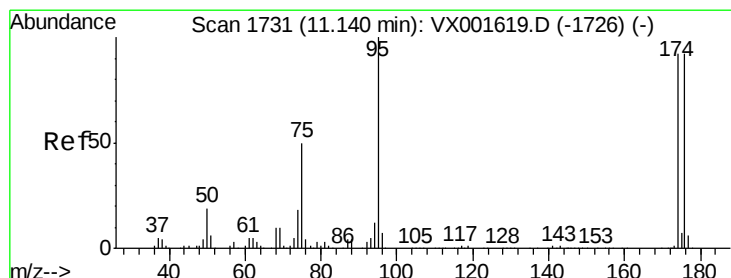
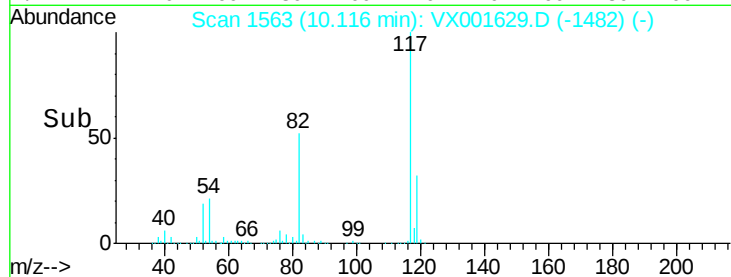
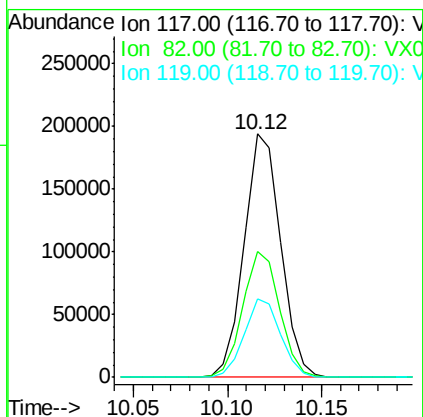
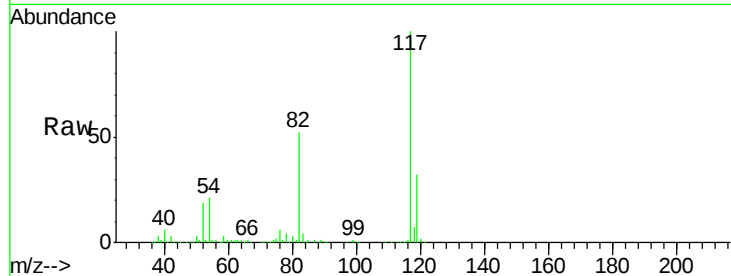




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

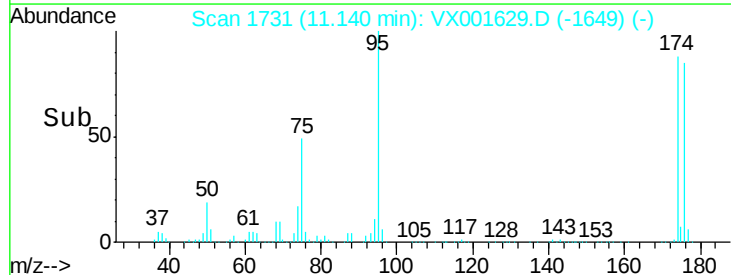
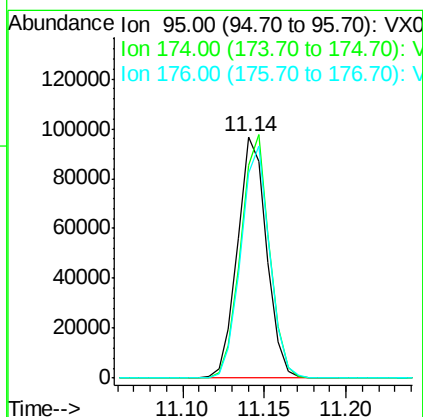
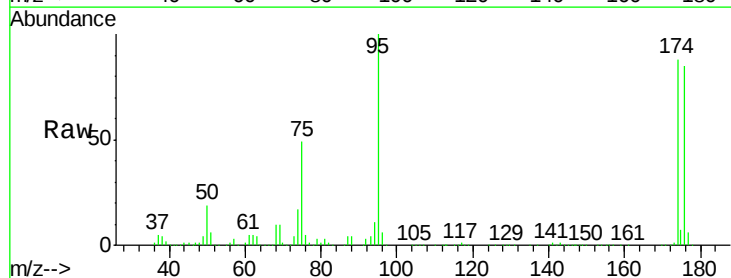
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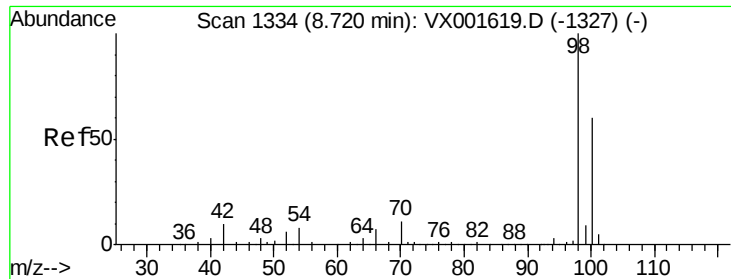
Tot Ion:117 Resp: 261251
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.2 26.3 39.5



#60
4-Bromofluorobenzene
Concen: 29.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 95 Resp: 120193
Ion Ratio Lower Upper
95 100
174 99.4 80.2 120.2
176 95.5 79.2 118.8





#63

Toluene-d8

Concen: 29.04 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001629.D

Acq: 11 May 2018 04:22

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTFALL-001

Tot Ion: 98 Resp: 338313

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

