

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008503.D
 Acq On : 27 Mar 2019 23:12
 Operator : JC/SP
 Sample : K2137-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02

Quant Time: Mar 28 10:20:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34387	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	198594	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	173033	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	88636	30.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.70%
60) 4-Bromofluorobenzene	11.13	95	86895	28.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.07%
63) Toluene-d8	8.71	98	251210	30.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.97%

Target Compounds

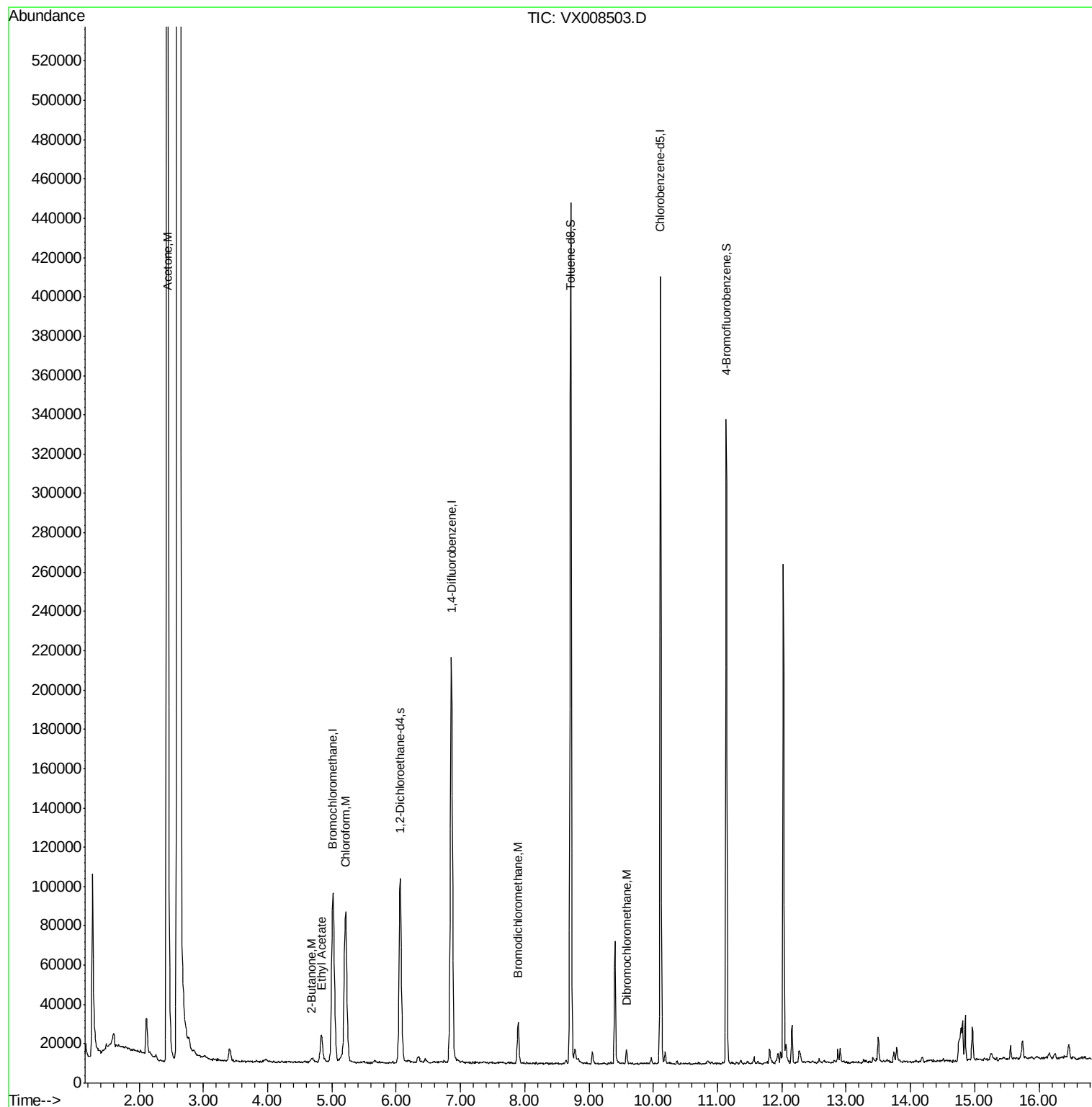
					Ovalue
15) Acetone	2.44	58	425573	845.758	ug/l 97
25) Chloroform	5.21	83	88495	20.433	ug/l 96
30) 2-Butanone	4.68	43	2820	1.148	ug/l # 93
41) Bromodichloromethane	7.90	83	12928	3.918	ug/l 99
43) Ethyl Acetate	4.83	43	25674	5.806	ug/l # 82
53) Dibromochloromethane	9.58	129	2445	0.997	ug/l 99

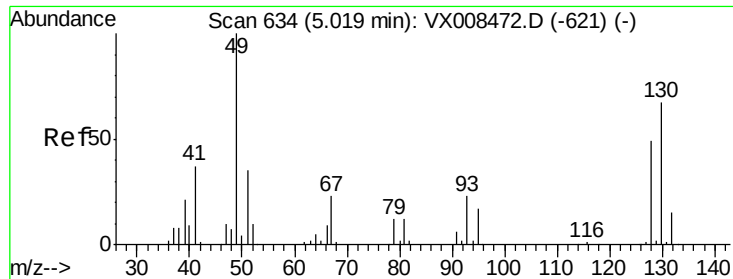
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008503.D

Acq: 27 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02

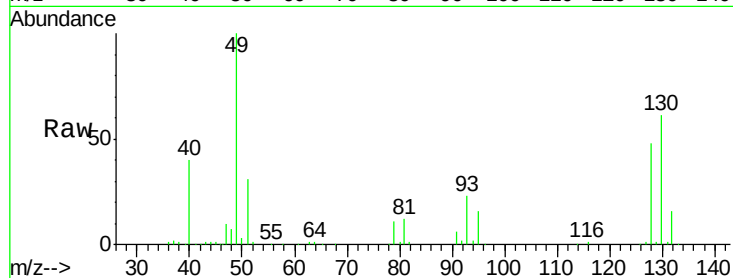
Tot Ion:128 Resp: 34387

Ion Ratio Lower Upper

128 100

49 208.6 0.0 350.8

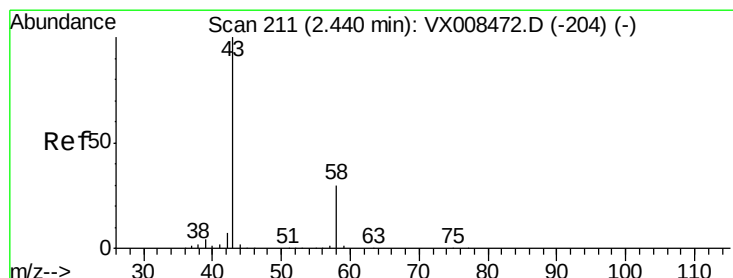
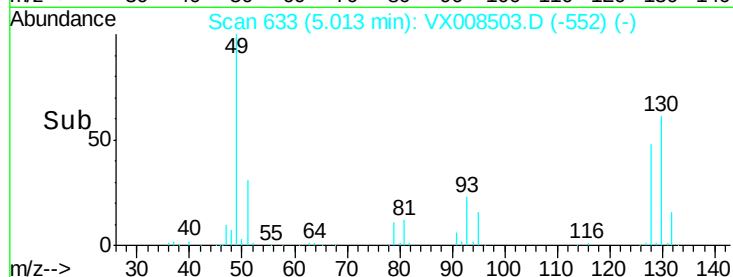
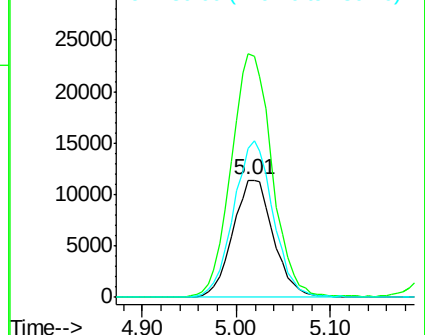
130 130.1 0.0 325.8



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



#15

Acetone

Concen: 845.758 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008503.D

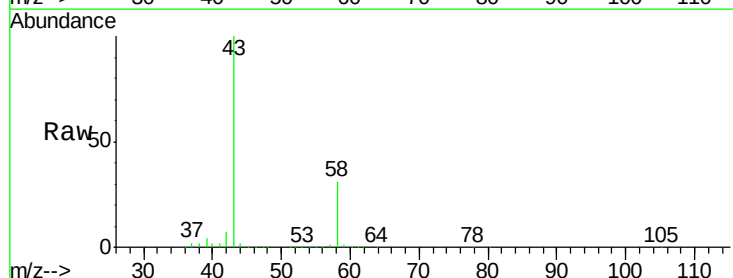
Acq: 27 Mar 2019 23:12

Tgt Ion: 58 Resp: 425573

Ion Ratio Lower Upper

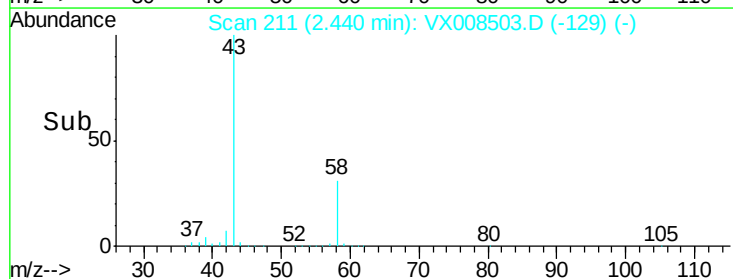
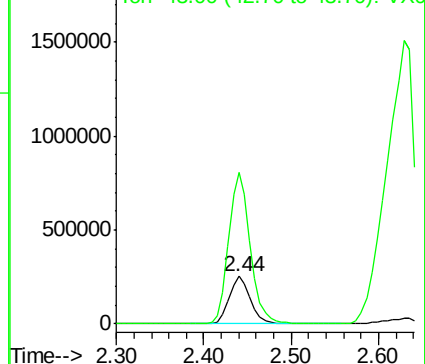
58 100

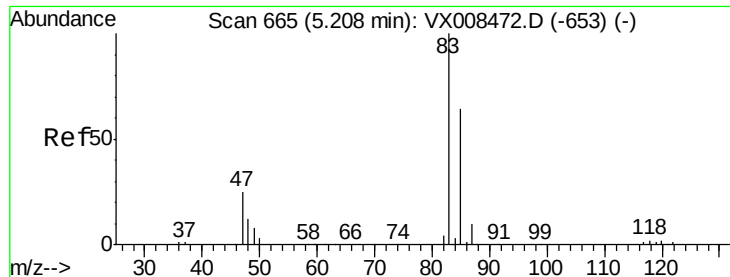
43 319.0 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 20.433 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008503.D

Acq: 27 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

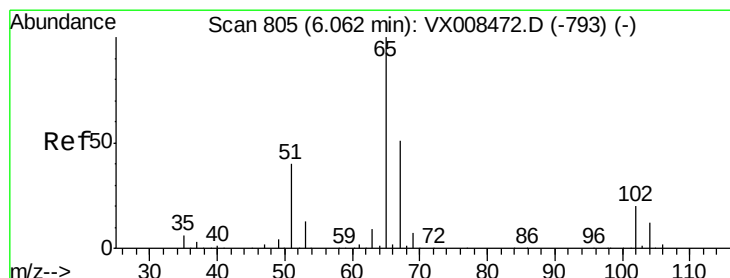
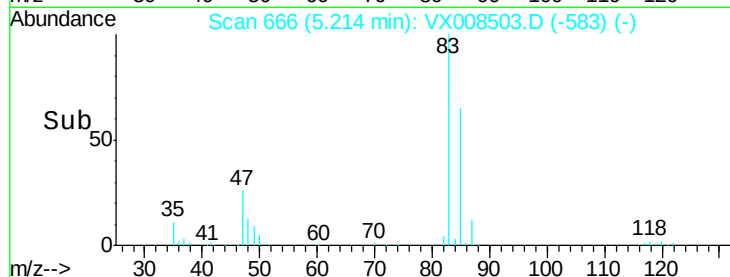
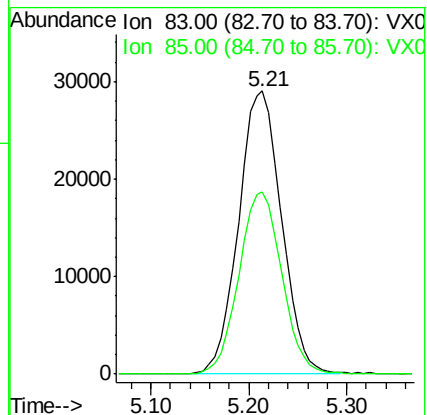
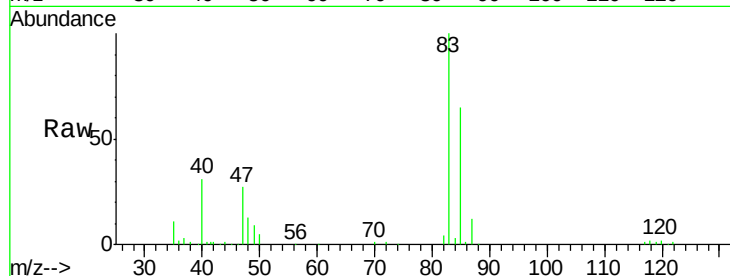
SEWER-OUTLET-02

Tot Ion: 83 Resp: 88495

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.6



#27

1,2-Dichloroethane-d4

Concen: 30.812 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008503.D

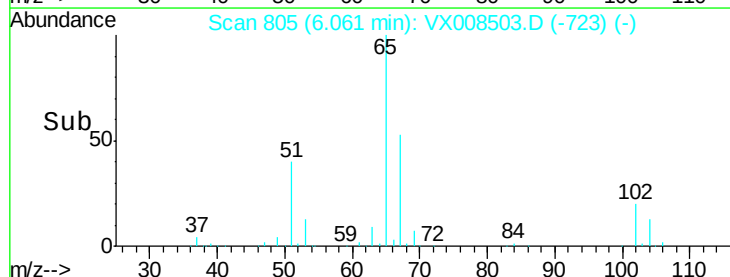
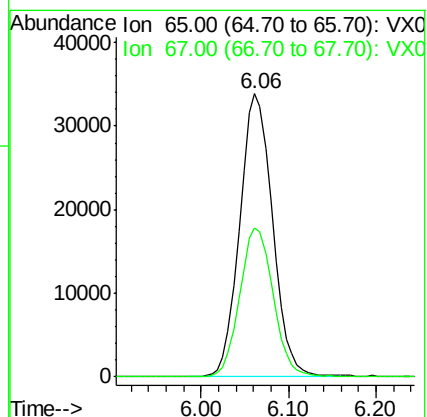
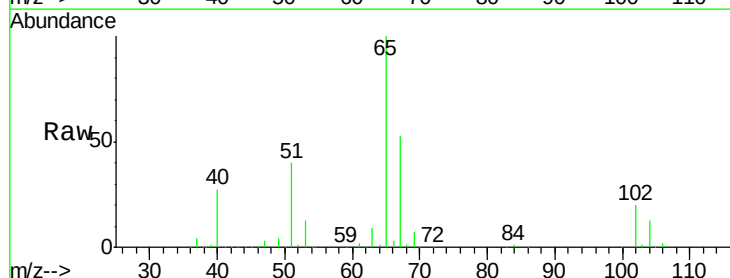
Acq: 27 Mar 2019 23:12

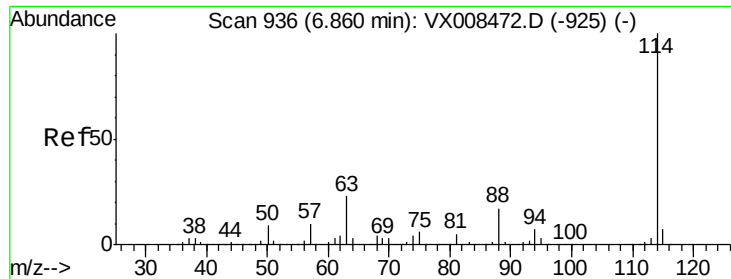
Tgt Ion: 65 Resp: 88636

Ion Ratio Lower Upper

65 100

67 53.7 42.9 64.3

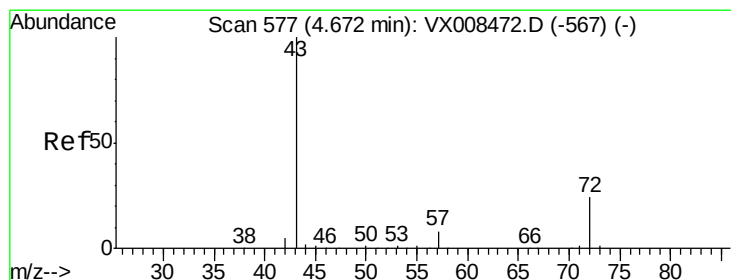
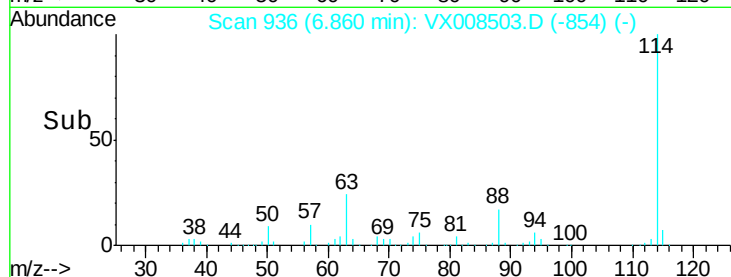
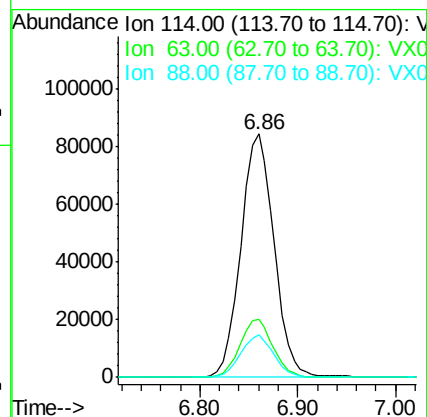
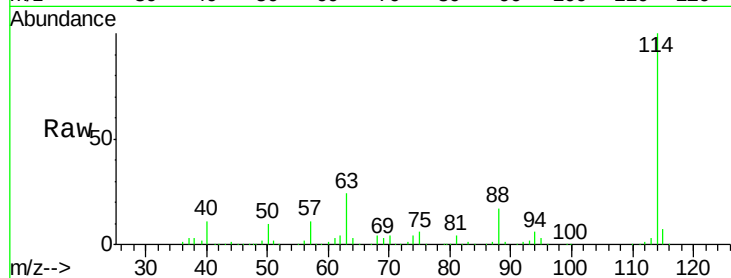




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008503.D
 Acq: 27 Mar 2019 23:12

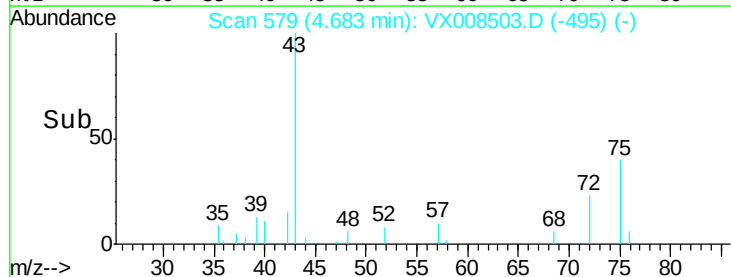
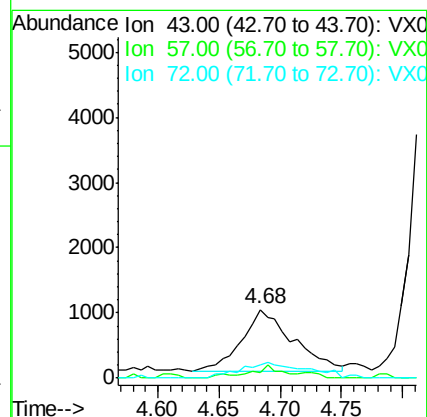
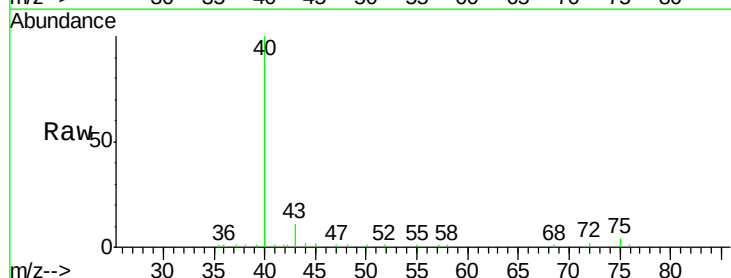
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02

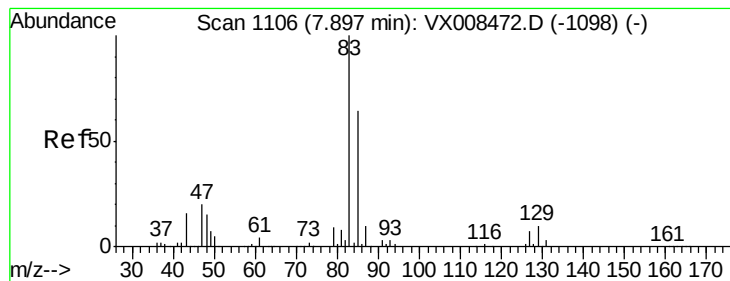
Tot Ion:114 Resp: 198594
 Ion Ratio Lower Upper
 114 100
 63 23.9 14.2 21.4#
 88 17.2 11.9 17.9



#30
 2-Butanone
 Concen: 1.148 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VX008503.D
 Acq: 27 Mar 2019 23:12

Tgt Ion: 43 Resp: 2820
 Ion Ratio Lower Upper
 43 100
 57 10.6 7.0 10.6#
 72 23.1 21.5 32.3





#41

Bromodichloromethane

Concen: 3.918 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008503.D

Acq: 27 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02

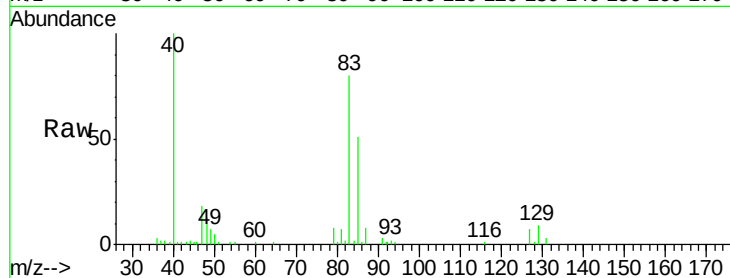
Tot Ion: 83 Resp: 12928

Ion Ratio Lower Upper

83 100

85 63.0 51.1 76.7

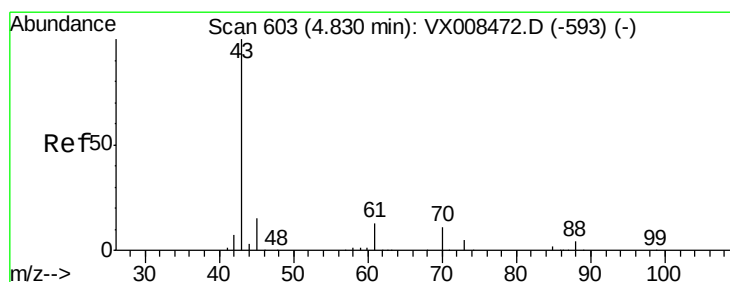
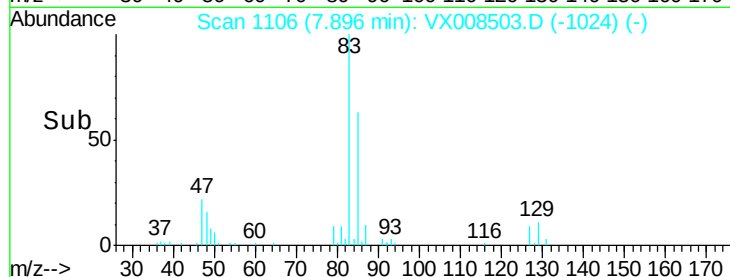
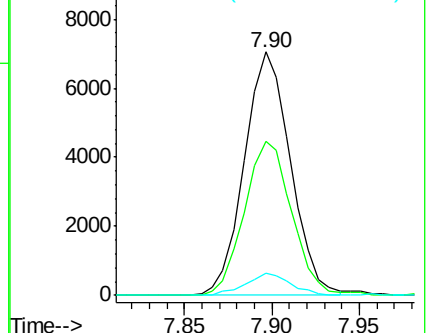
127 9.3 7.2 10.8



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: 5.806 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX008503.D

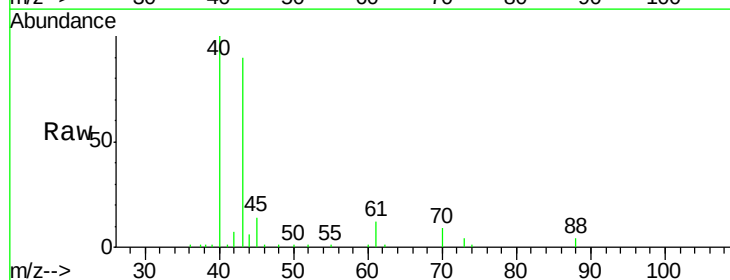
Acq: 27 Mar 2019 23:12

Tgt Ion: 43 Resp: 25674

Ion Ratio Lower Upper

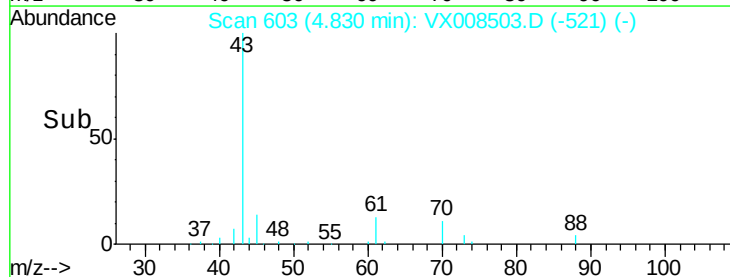
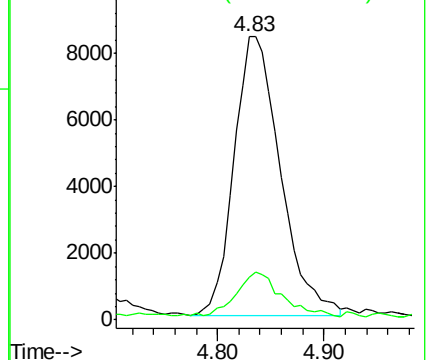
43 100

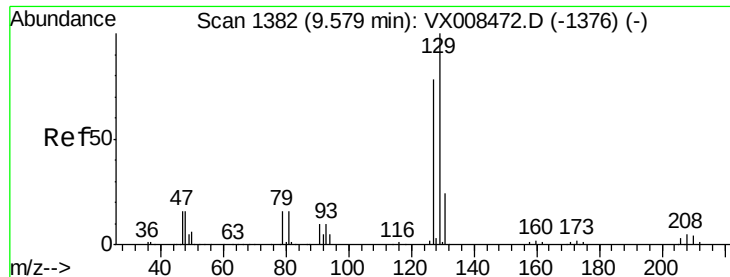
45 15.2 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

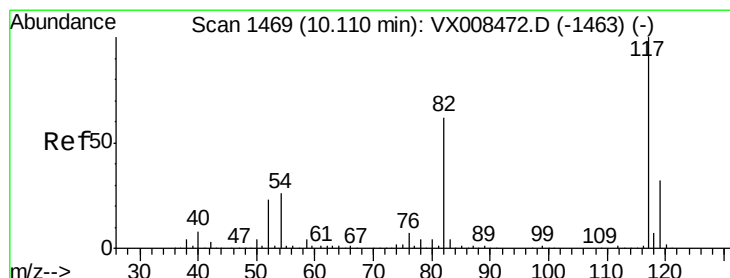
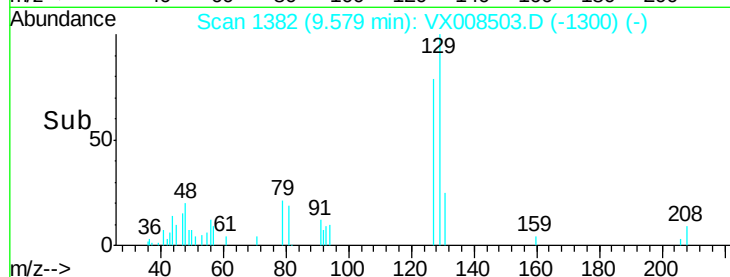
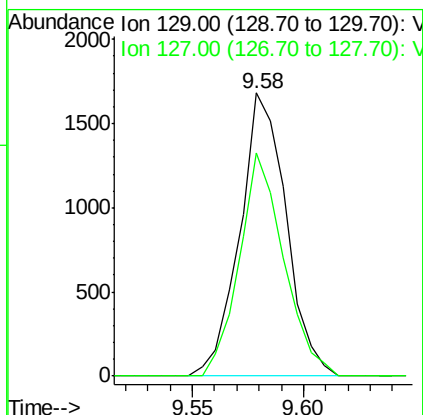
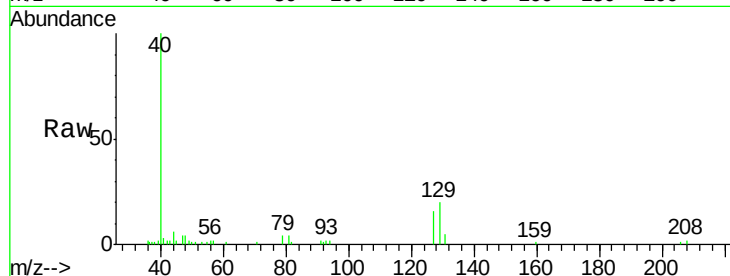




#53
Dibromochloromethane
Concen: 0.997 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008503.D
Acq: 27 Mar 2019 23:12

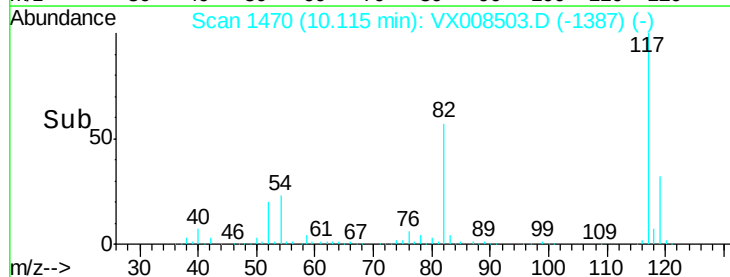
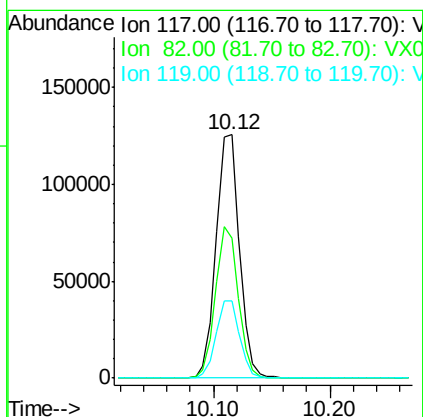
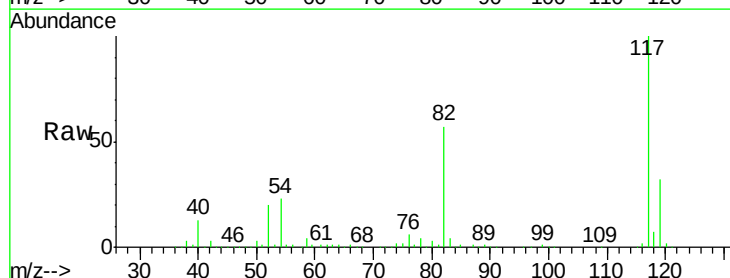
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

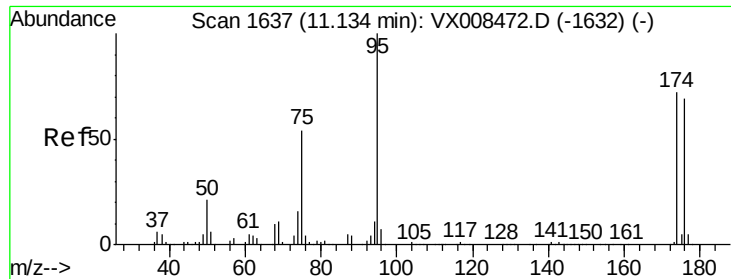
Tot Ion:129 Resp: 2445
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008503.D
Acq: 27 Mar 2019 23:12

Tgt Ion:117 Resp: 173033
Ion Ratio Lower Upper
117 100
82 60.7 40.4 60.6#
119 32.1 25.8 38.6

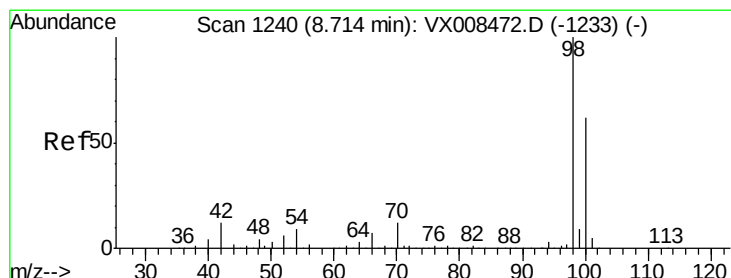
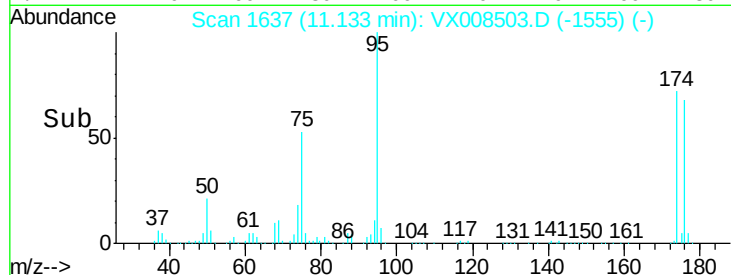
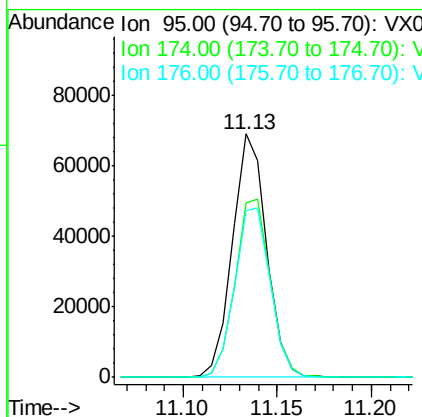
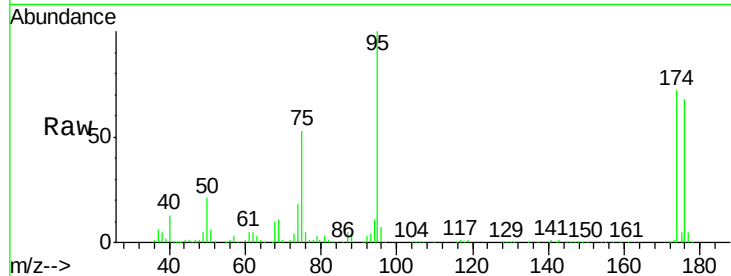




#60
 4-Bromofluorobenzene
 Concen: 28.823 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008503.D
 Acq: 27 Mar 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02

Tot Ion: 95 Resp: 86895
 Ion Ratio Lower Upper
 95 100
 174 75.6 74.9 112.3
 176 72.8 70.7 106.1



#63
 Toluene-d8
 Concen: 30.585 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008503.D
 Acq: 27 Mar 2019 23:12

Tgt Ion: 98 Resp: 251210
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3

