Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009480.D
Acq On : 10 May 2019 14:01
Operator : JC/SP
Sample : K2789-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SEWER-OUTLET-01DL

Quant Time: May 11 02:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	27871	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	159689	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	138996	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	69232	29.94	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.80%			
60) 4-Bromofluorobenzene	11.13	95	65172	27.59	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.97%			
63) Toluene-d8	8.71	98	198031	30.05	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.17%			
Target Compounds						Qvalue
11) Methyl Iodide	2.51	142	364	0.220	ug/l #	43
12) Methyl Acetate	2.77	43	883	0.308	ug/l #	56
13) Acrolein	2.29	56	196	0.498	ug/l #	48
15) Acetone	2.44	58	71874	200.890	ug/l	93
16) Carbon Disulfide	2.57	76	1040	0.252	ug/l #	83
18) Methylene Chloride	2.86	84	577	0.313	ug/l #	75
25) Chloroform	5.21	83	2013	0.632	ug/l #	83
51) Ethyl methacrylate	8.72	69	858	0.260	ug/l	99
77) t-1,4-Dichloro-2-butene	11.13	75	33156	32.602	ug/l #	10

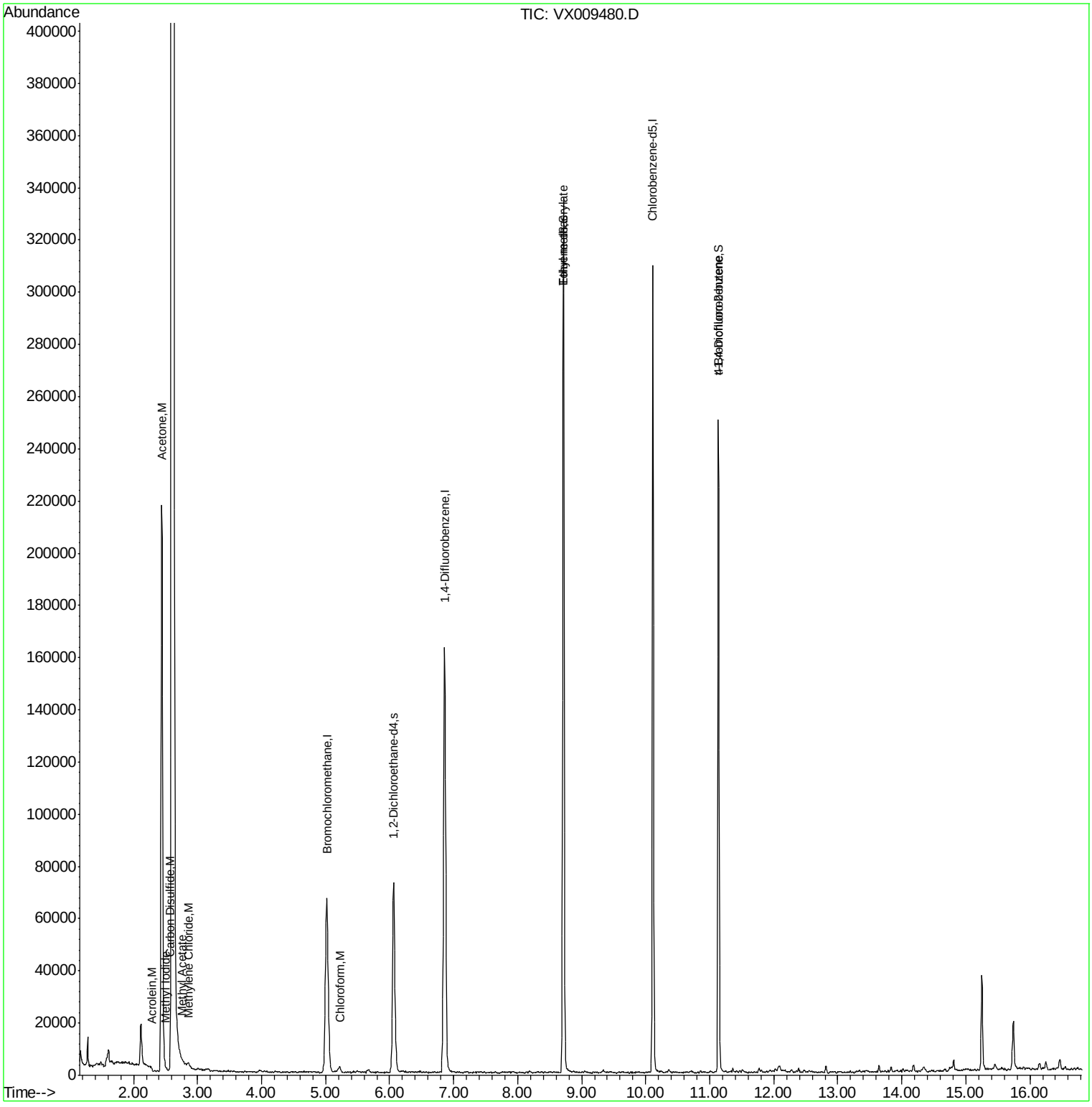
(#) = qualifier out of range (m) = manual integration (+) = signals summed

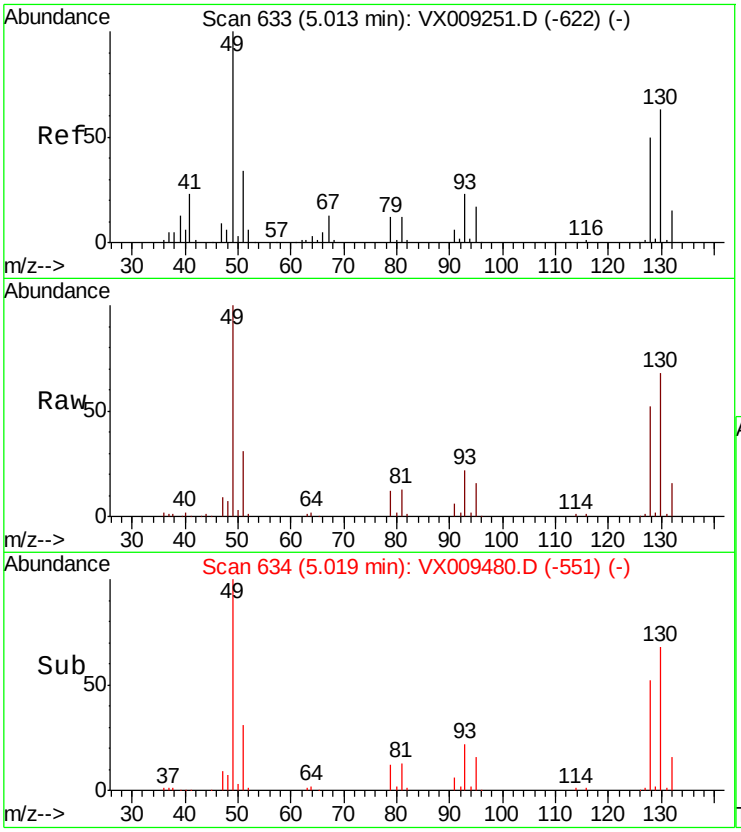
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009480.D
Acq On : 10 May 2019 14:01
Operator : JC/SP
Sample : K2789-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Quant Time: May 11 02:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration



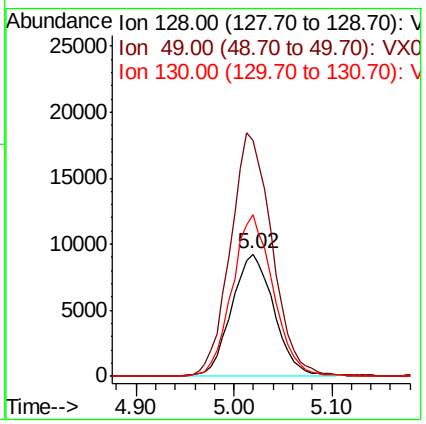


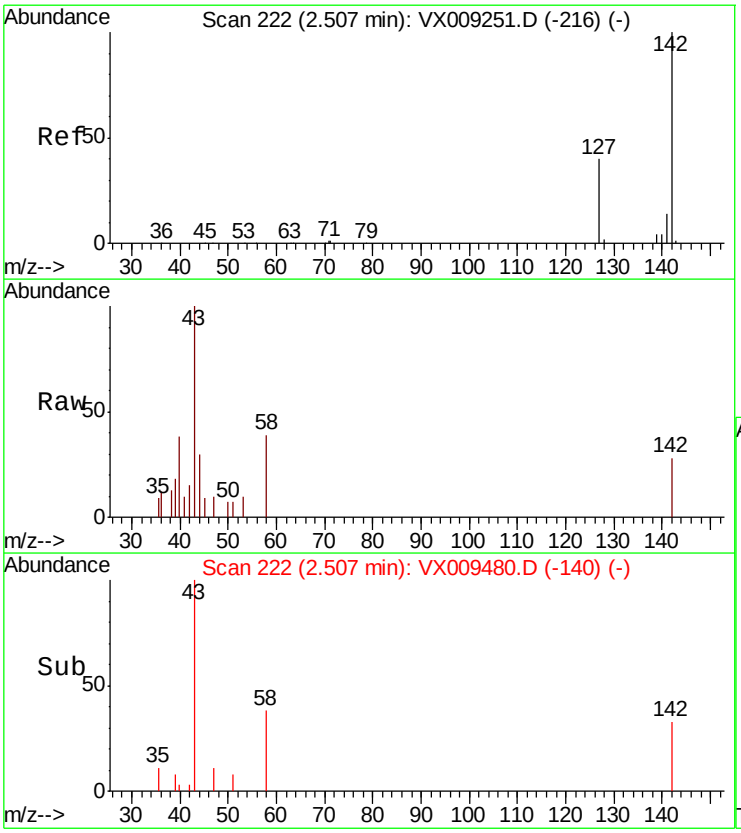
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion:128 Resp: 27871

Ion	Ratio	Lower	Upper
128	100		
49	195.8	0.0	515.0
130	128.6	0.0	323.3

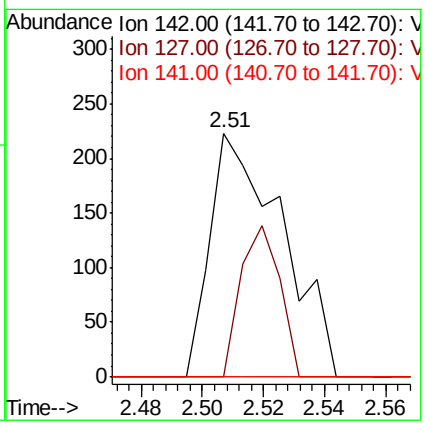


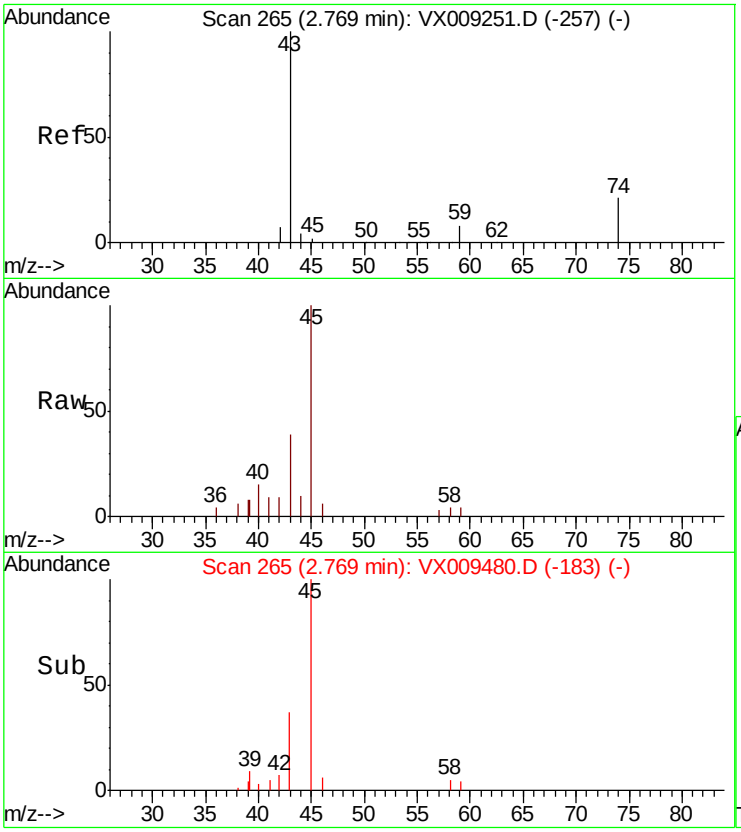


#11
Methyl Iodide
Concen: 0.220 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion:142 Resp: 364

Ion	Ratio	Lower	Upper
142	100		
127	0.0	20.2	60.5#
141	0.0	6.9	20.7#



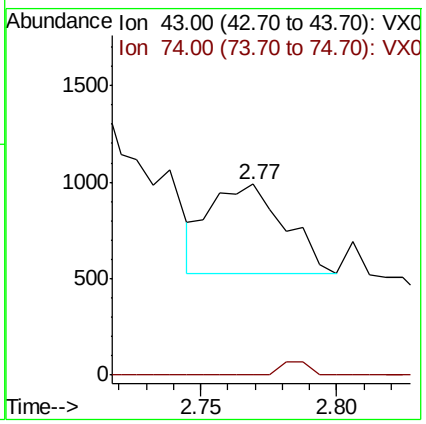


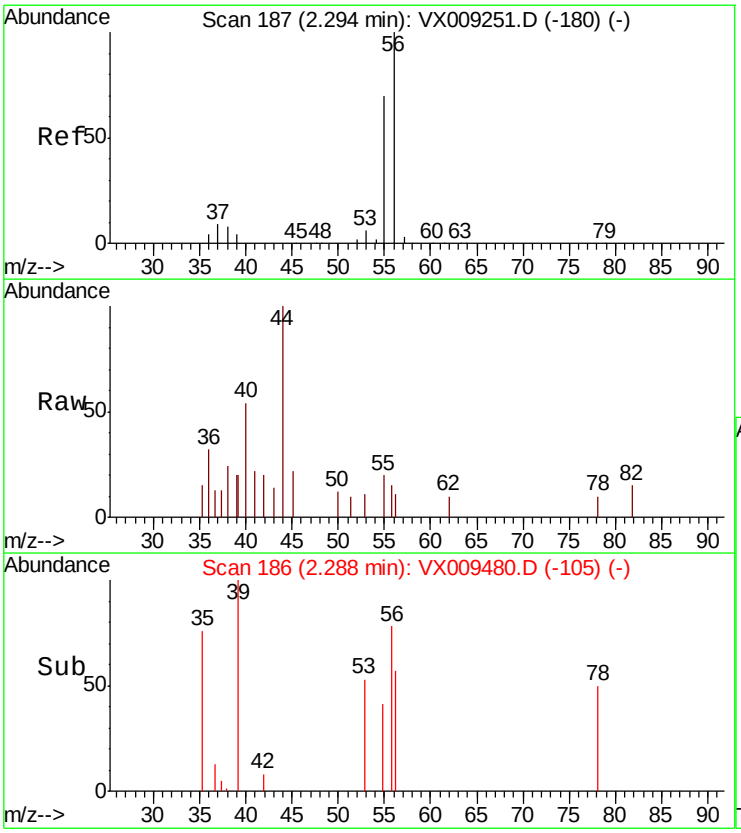
#12
Methyl Acetate
Concen: 0.308 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 43 Resp: 883

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#

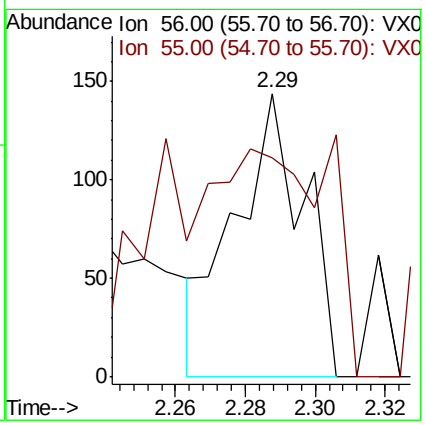


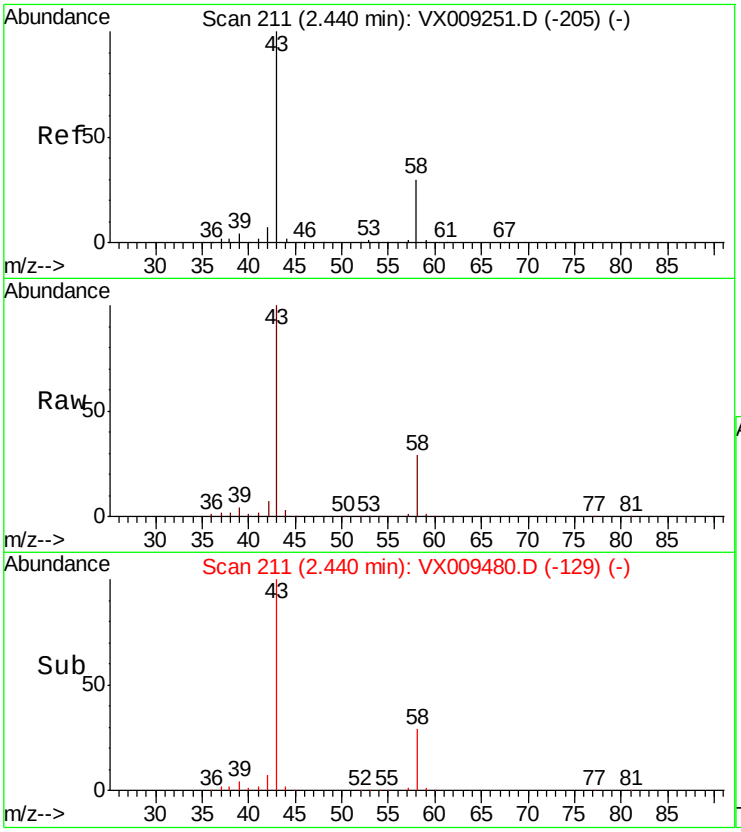


#13
Acrolein
Concen: 0.498 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion: 56 Resp: 196

Ion	Ratio	Lower	Upper
56	100		
55	114.3	56.9	85.3#



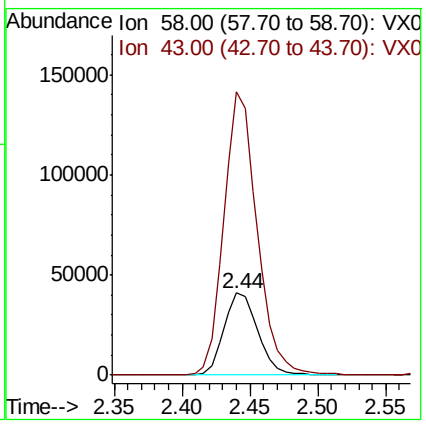


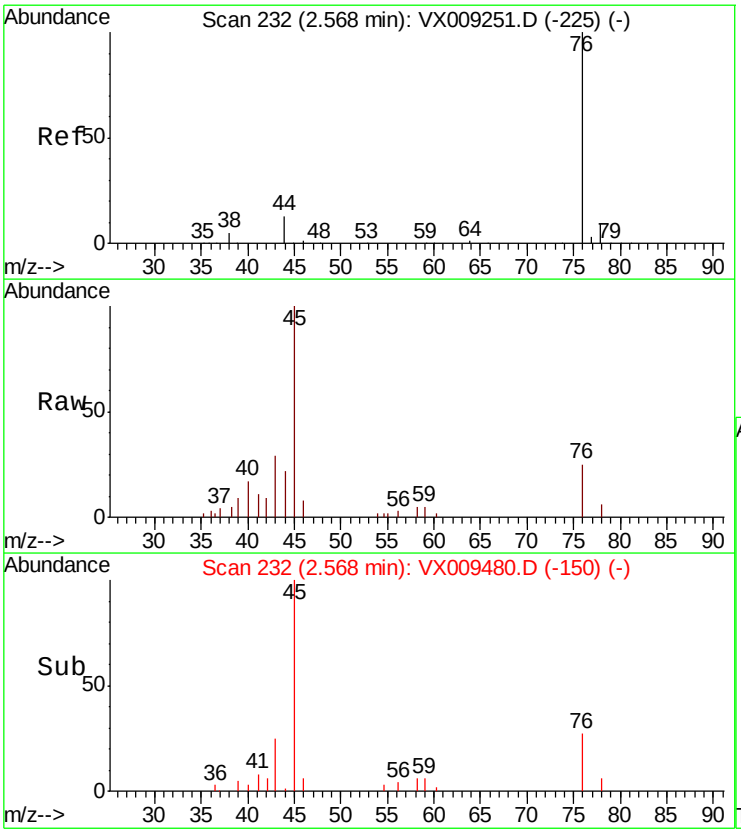
#15
Acetone
Concen: 200.890 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 58 Resp: 71874

Ion	Ratio	Lower	Upper
58	100		
43	343.8	264.0	396.0

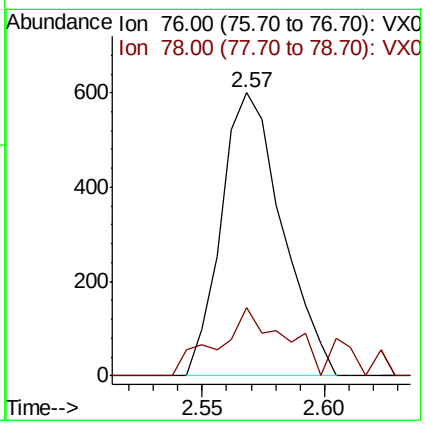


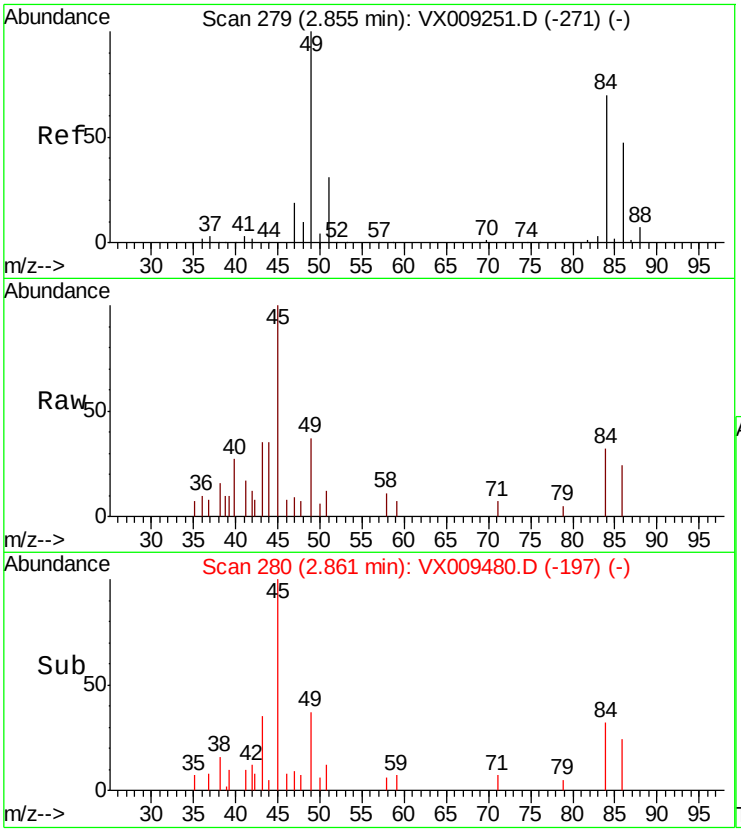


#16
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion: 76 Resp: 1040

Ion	Ratio	Lower	Upper
76	100		
78	15.3	7.4	11.2#



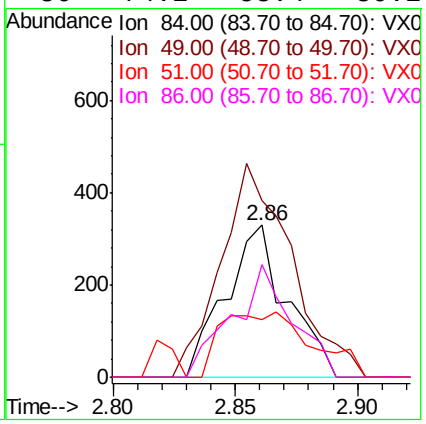


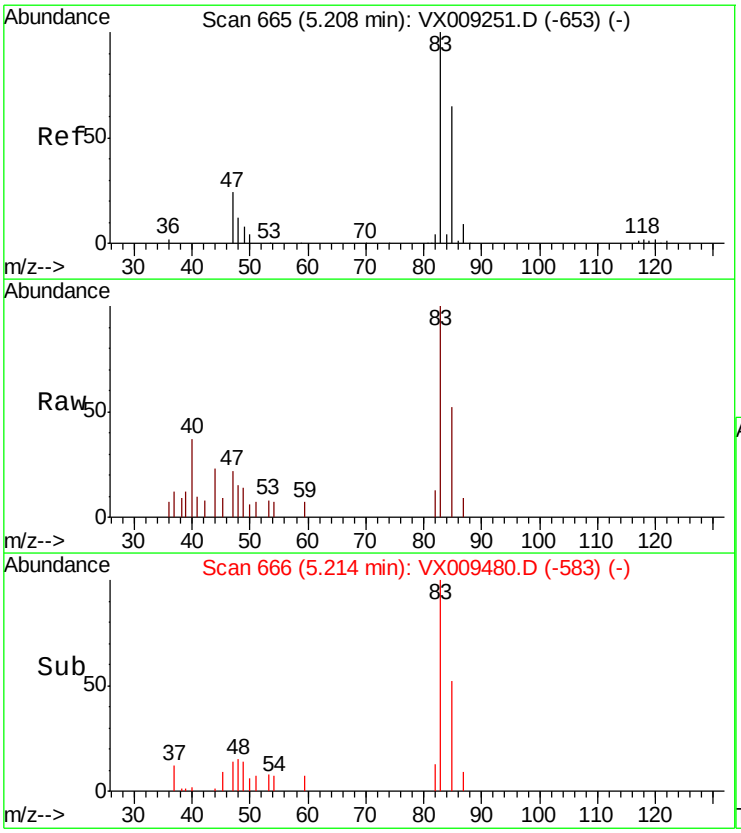
#18
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument : MSVOA_X
ClientSampleId : SEWER-OUTLET-01DL

Tgt Ion: 84 Resp: 577

Ion	Ratio	Lower	Upper
84	100		
49	96.7	114.6	171.8#
51	37.9	35.5	53.3
86	74.2	53.4	80.2

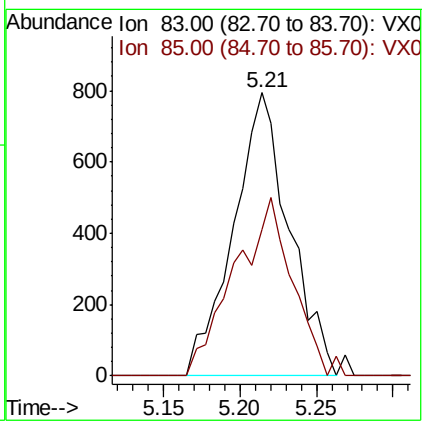


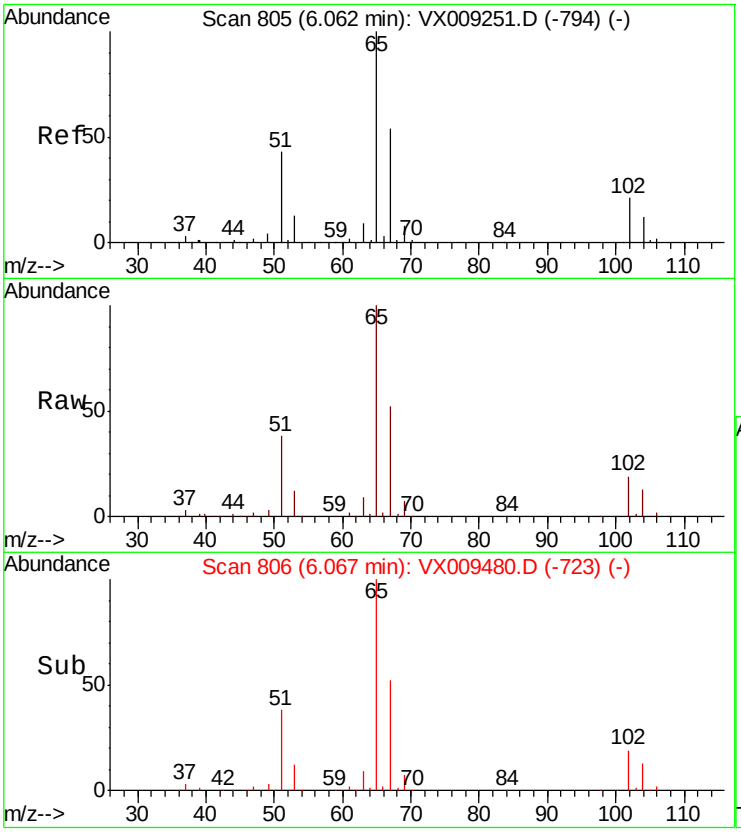


#25
Chloroform
Concen: 0.632 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion: 83 Resp: 2013

Ion	Ratio	Lower	Upper
83	100		
85	51.8	51.9	77.9#



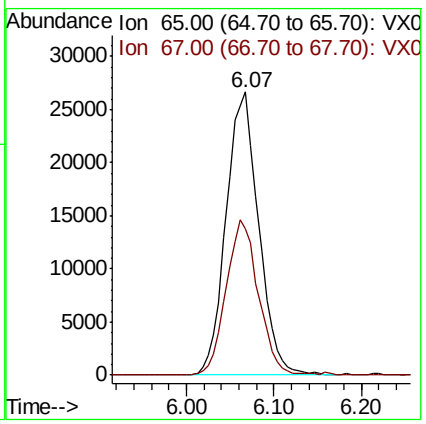


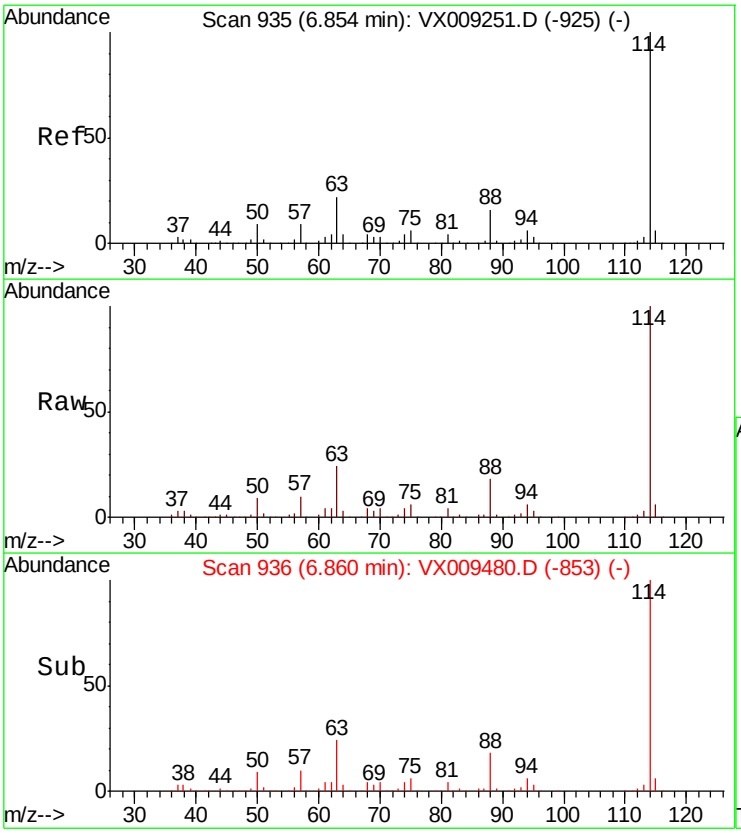
#27
1,2-Dichloroethane-d4
Concen: 29.944 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 65 Resp: 69232

Ion	Ratio	Lower	Upper
65	100		
67	54.2	43.1	64.7

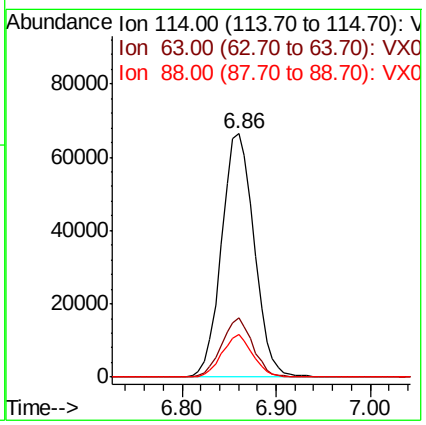


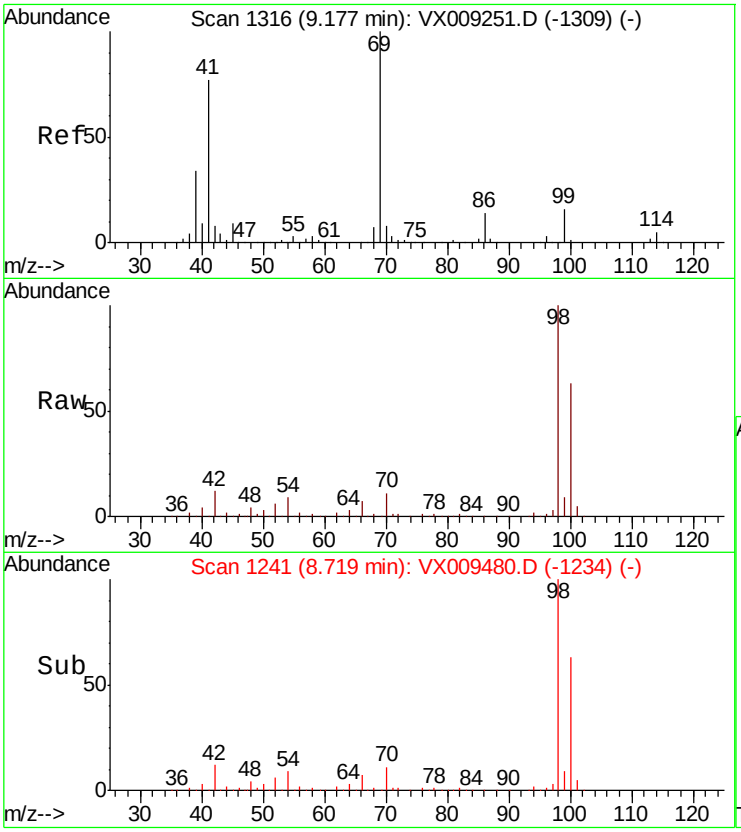


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion:114 Resp: 159689

Ion	Ratio	Lower	Upper
114	100		
63	23.2	18.0	27.0
88	16.7	13.4	20.0



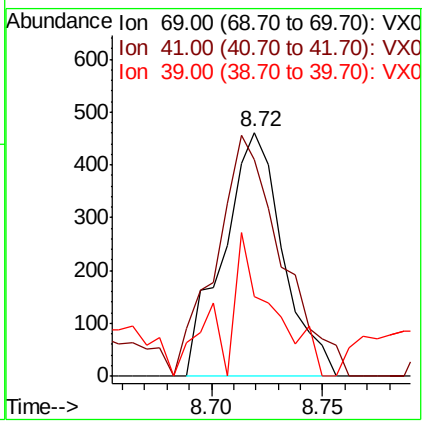


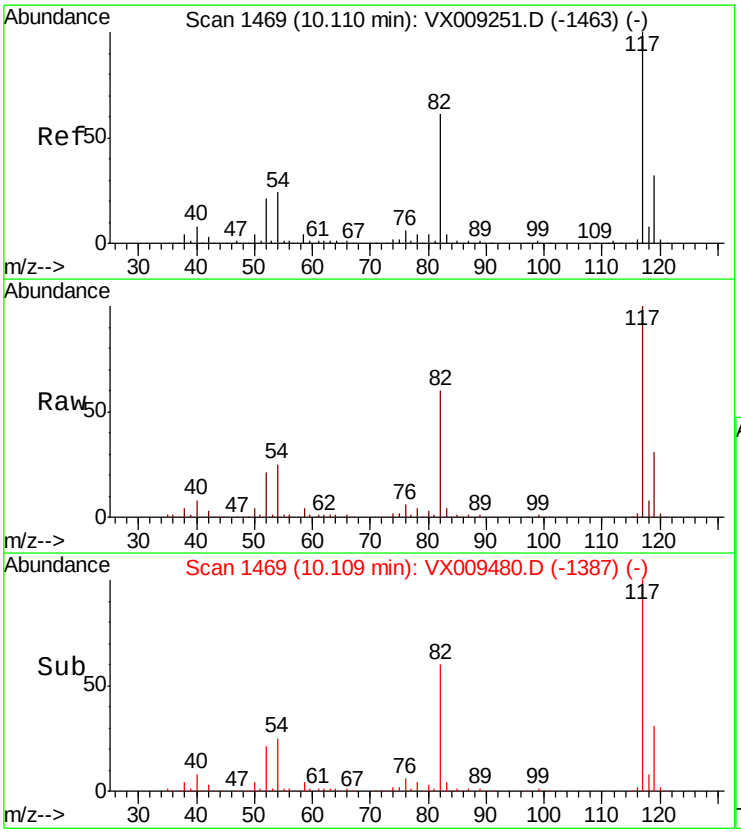
#51
Ethyl methacrylate
Concen: 0.260 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.46 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 69 Resp: 858

Ion	Ratio	Lower	Upper
69	100		
41	76.1	38.4	115.2
39	32.8	17.2	51.5

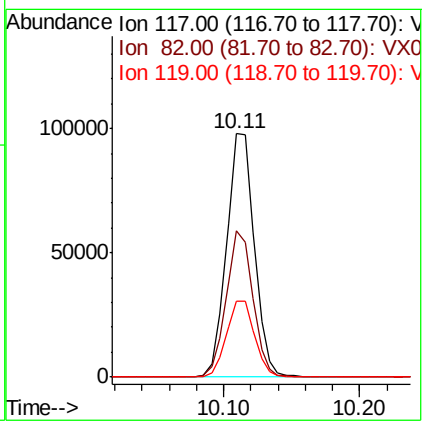


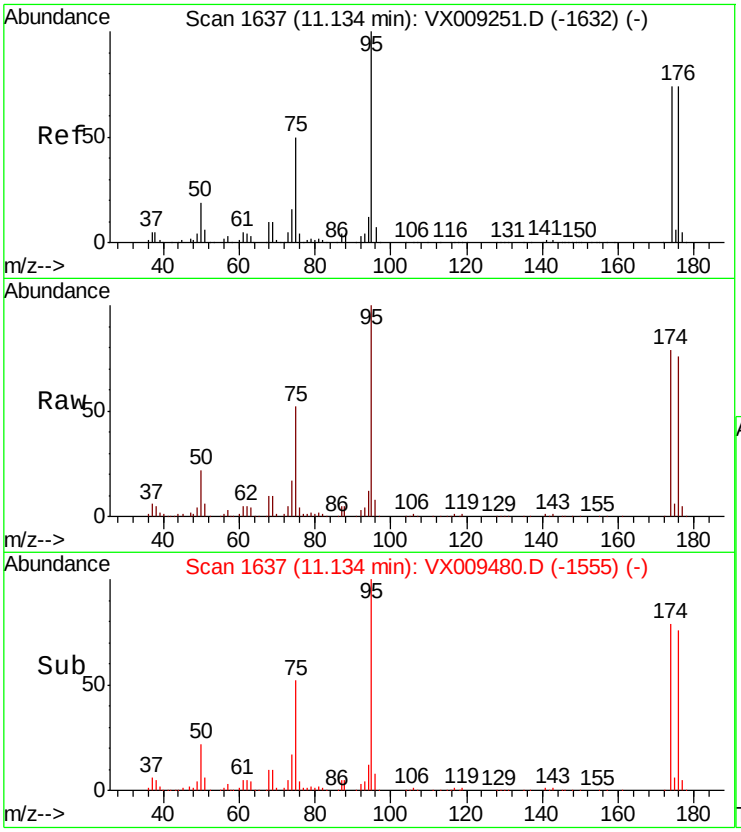


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion:117 Resp: 138996

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.8
119	31.7	25.6	38.4



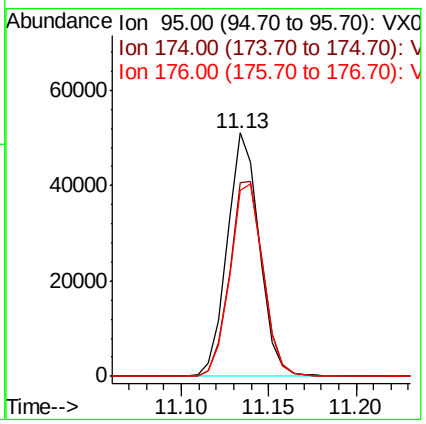


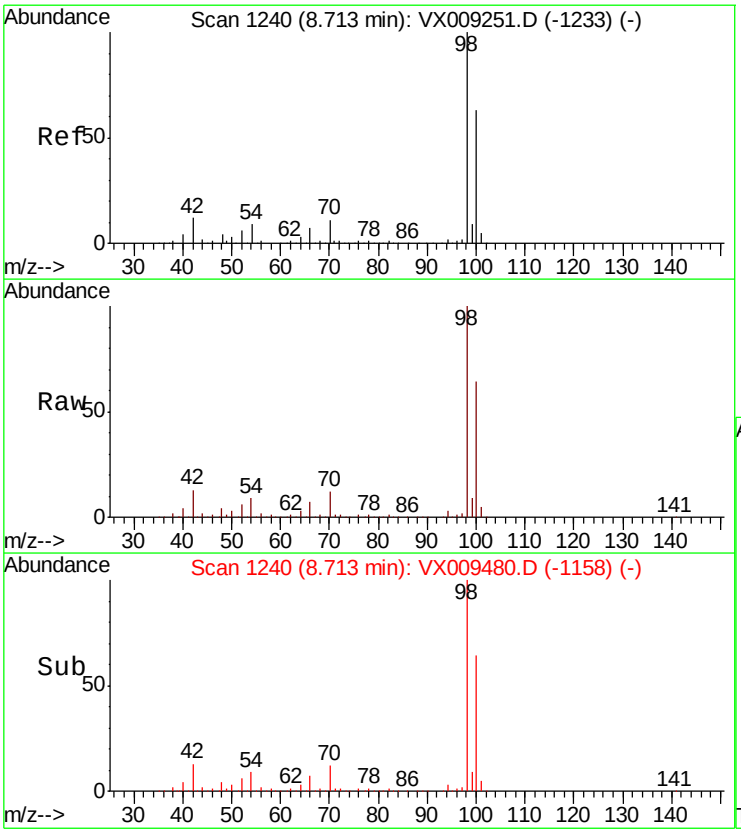
#60
4-Bromofluorobenzene
Concen: 27.593 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 95 Resp: 65172

Ion	Ratio	Lower	Upper
95	100		
174	83.5	63.6	95.4
176	81.4	62.4	93.6

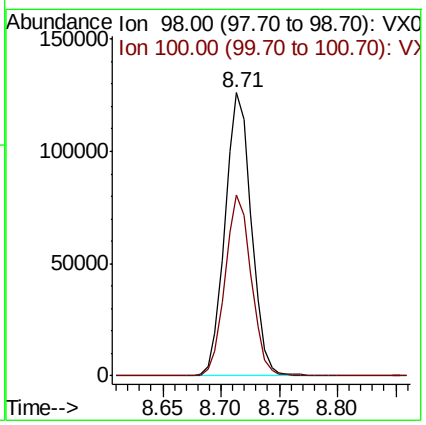


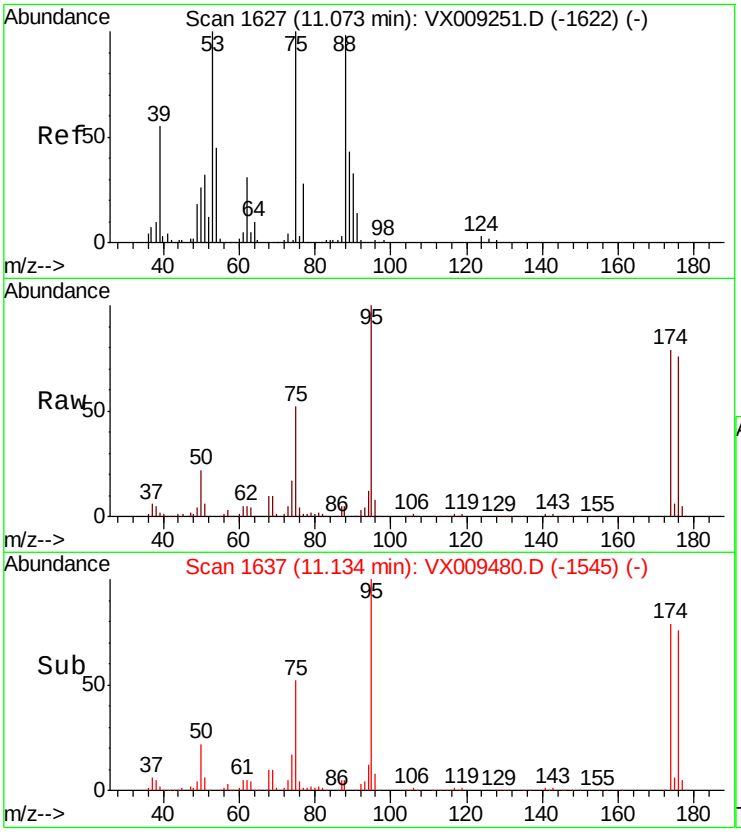


#63
Toluene-d8
Concen: 30.051 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Tgt Ion: 98 Resp: 198031

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.3	78.5





#77
t-1,4-Dichloro-2-butene
Concen: 32.602 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009480.D
Acq: 10 May 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01DL

Tgt Ion: 75 Resp: 33156

Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.0	149.8#
89	0.0	21.6	65.0#