Quantitation Report (Not Reviewed)

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 07:25:19 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

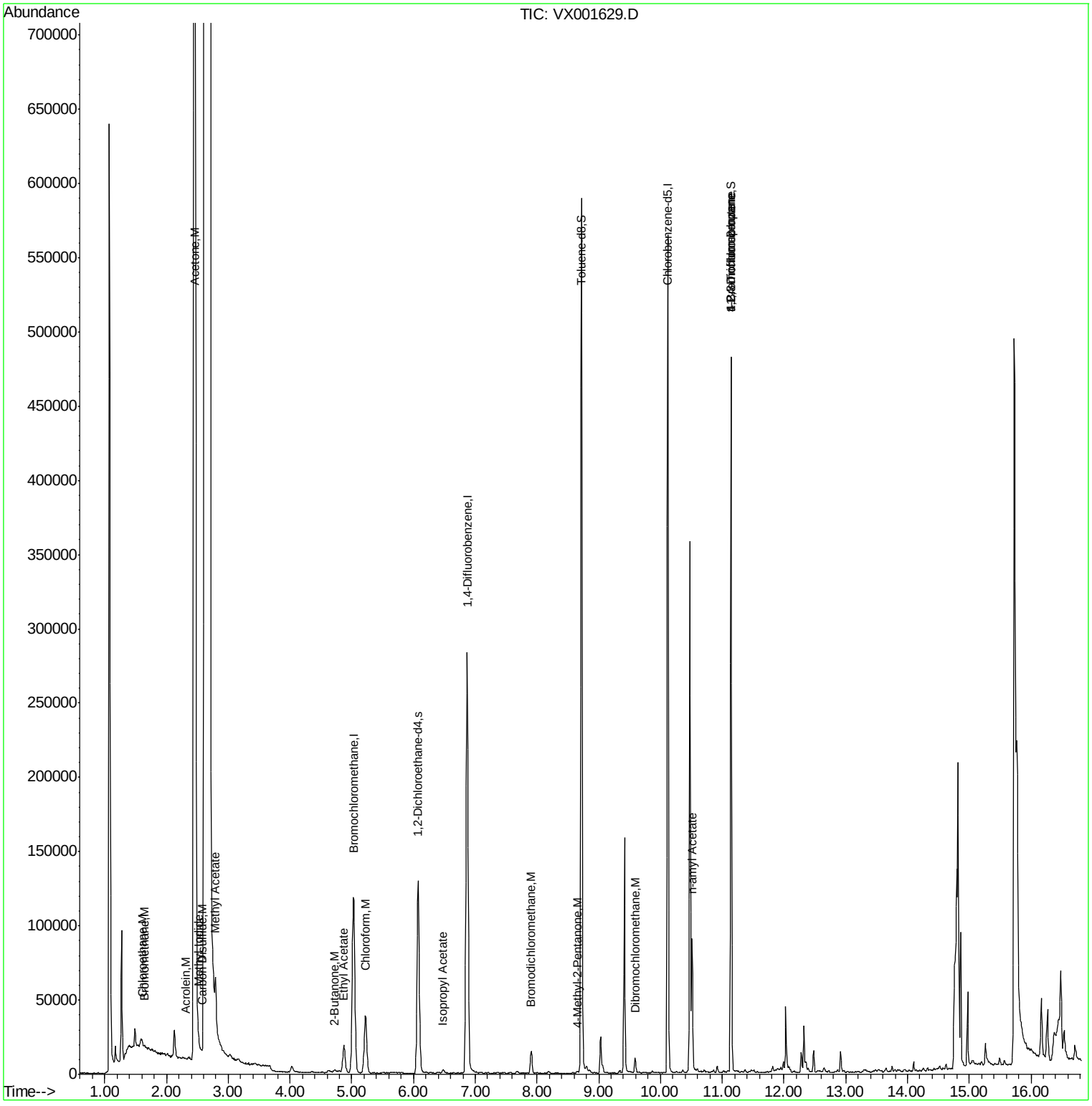
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	52723	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	290523	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	261251	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	123455	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							Qvalue
5) Bromomethane	1.65	94	1327	0.90	ug/l		95
6) Chloroethane	1.62	64	479	0.24	ug/l	#	59
11) Methyl Iodide	2.52	142	2022	0.57	ug/l		85
12) Methyl Acetate	2.79	43	43041	10.37	ug/l		97
13) Acrolein	2.31	56	224	0.48	ug/l		83
15) Acetone	2.45	58	949331	2132.05	ug/l		96
16) Carbon Disulfide	2.57	76	1892	0.31	ug/l		95
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
47) n-amyl Acetate	10.51	43	41595	6.93	ug/l		93
53) Dibromochloromethane	9.59	129	2036	0.63	ug/l		96
58) 4-Methyl-2-Pentanone	8.65	43	1507	0.32	ug/l	#	45
72) 1,2,3-Trichloropropane	11.14	75	58648	13.60	ug/l		40
77) t-1,4-Dichloro-2-butene	11.14	75	58648	52.87	ug/l	#	4

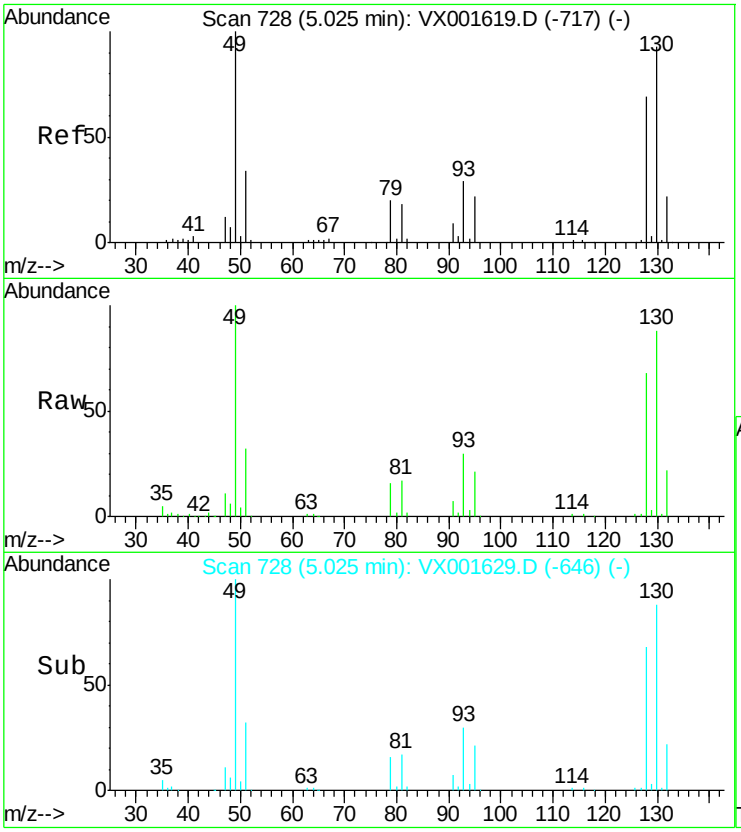
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 07:25:19 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



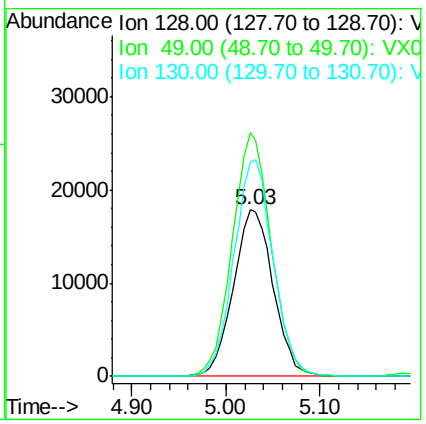


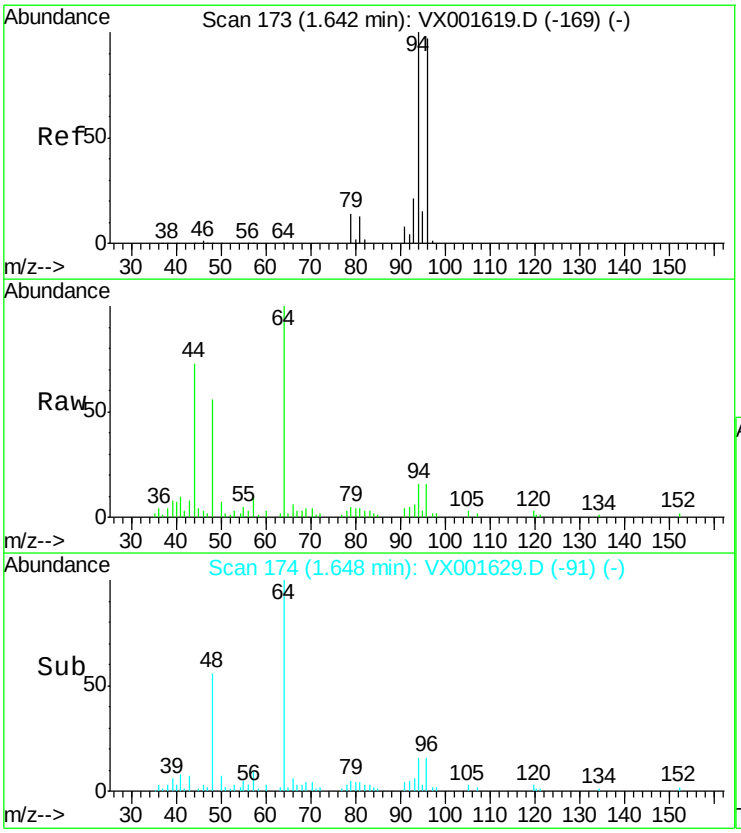
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion:128 Resp: 52723

Ion	Ratio	Lower	Upper
128	100		
49	143.5	0.0	372.0
130	128.1	0.0	326.5

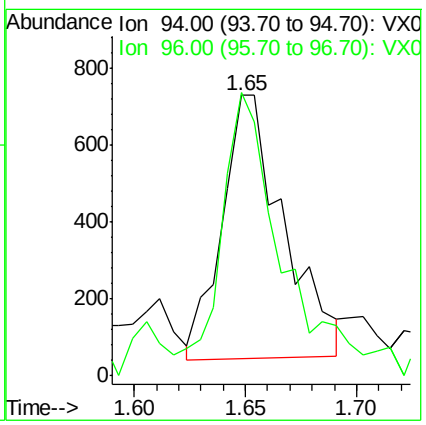


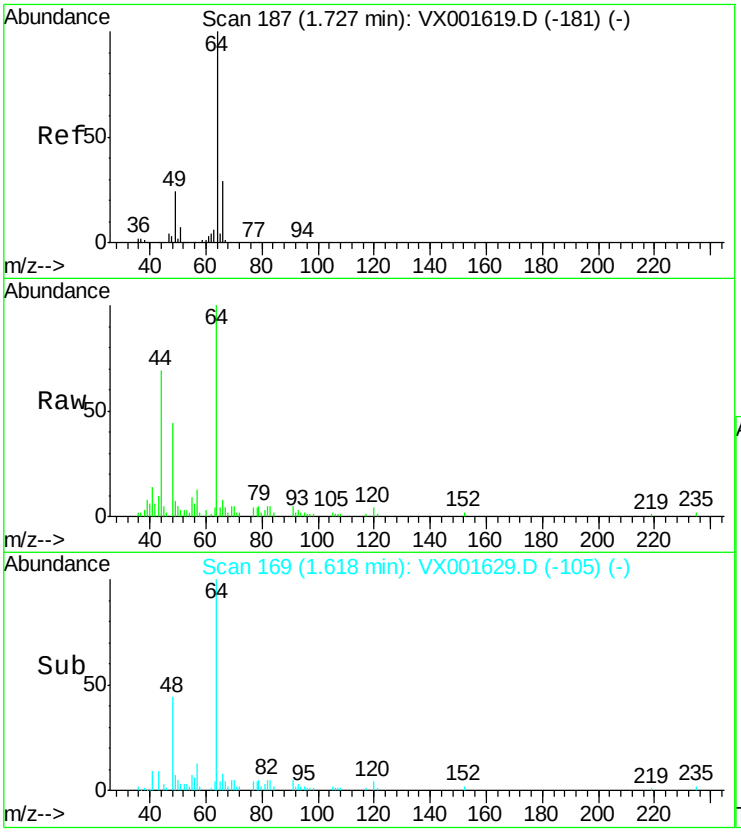


#5
Bromomethane
Concen: 0.90 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 94 Resp: 1327

Ion	Ratio	Lower	Upper
94	100		
96	102.0	77.8	116.8



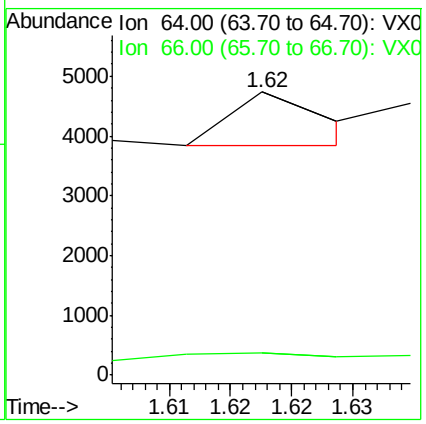


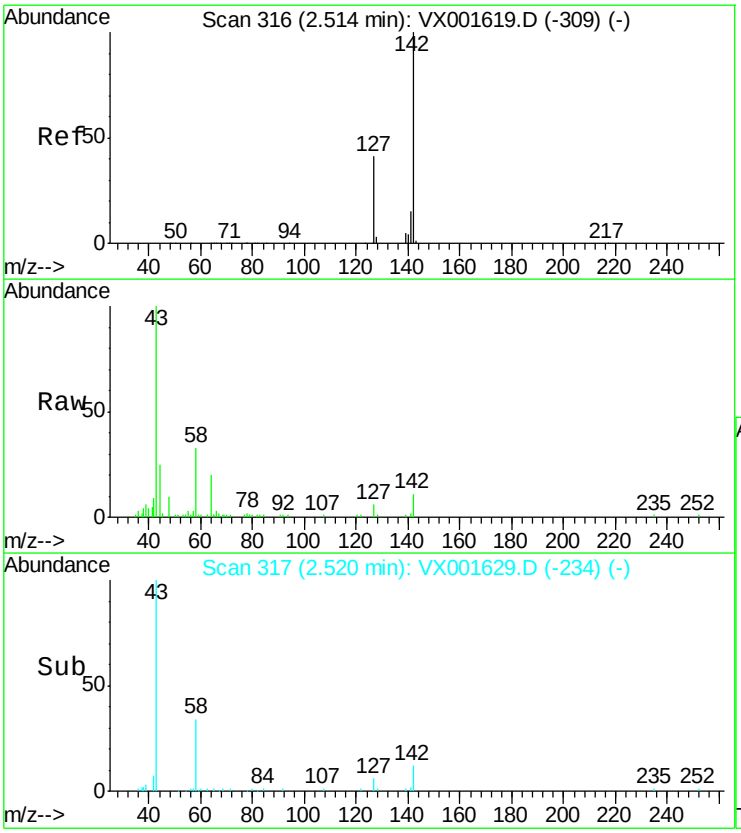
#6
Chloroethane
Concen: 0.24 ug/l
RT: 1.62 min Scan# 169
Delta R.T. -0.11 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 64 Resp: 479

Ion	Ratio	Lower	Upper
64	100		
66	7.1	23.4	35.2#

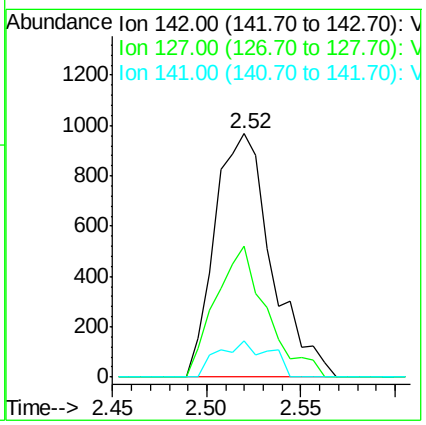


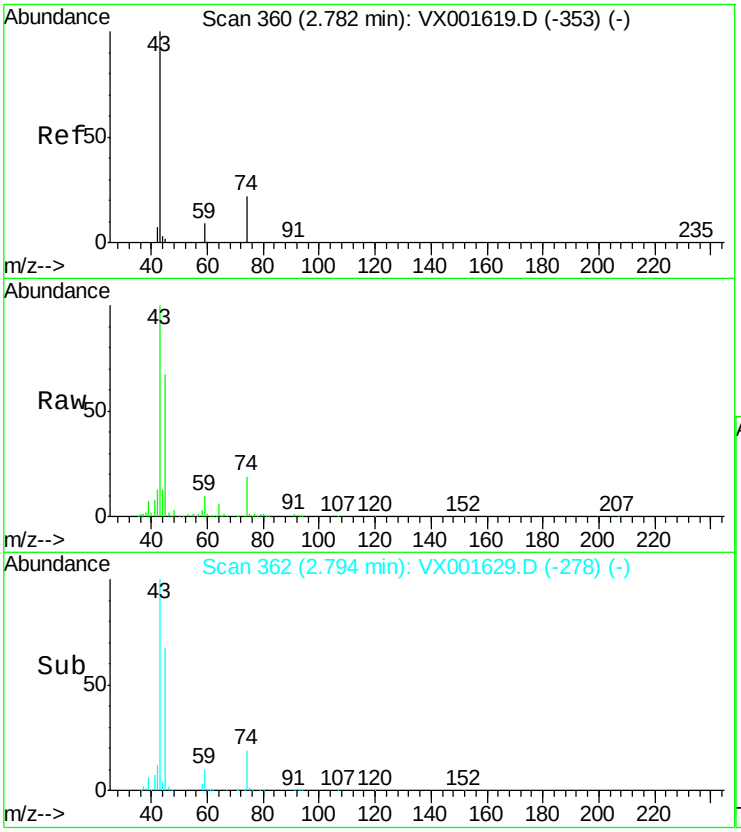


#11
Methyl Iodide
Concen: 0.57 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion:142 Resp: 2022

Ion	Ratio	Lower	Upper
142	100		
127	54.0	20.7	62.1
141	14.8	7.4	22.3



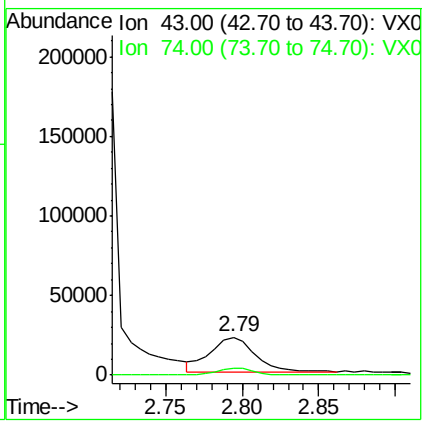


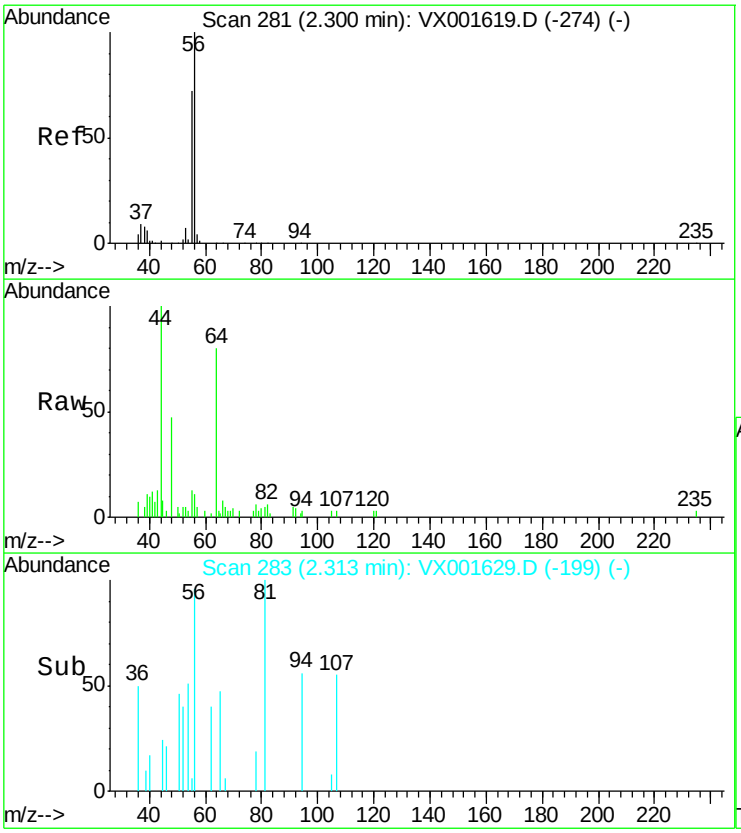
#12
Methyl Acetate
Concen: 10.37 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 43 Resp: 43041

Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.0	27.0

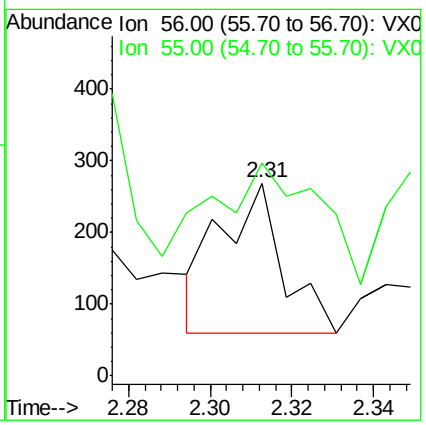


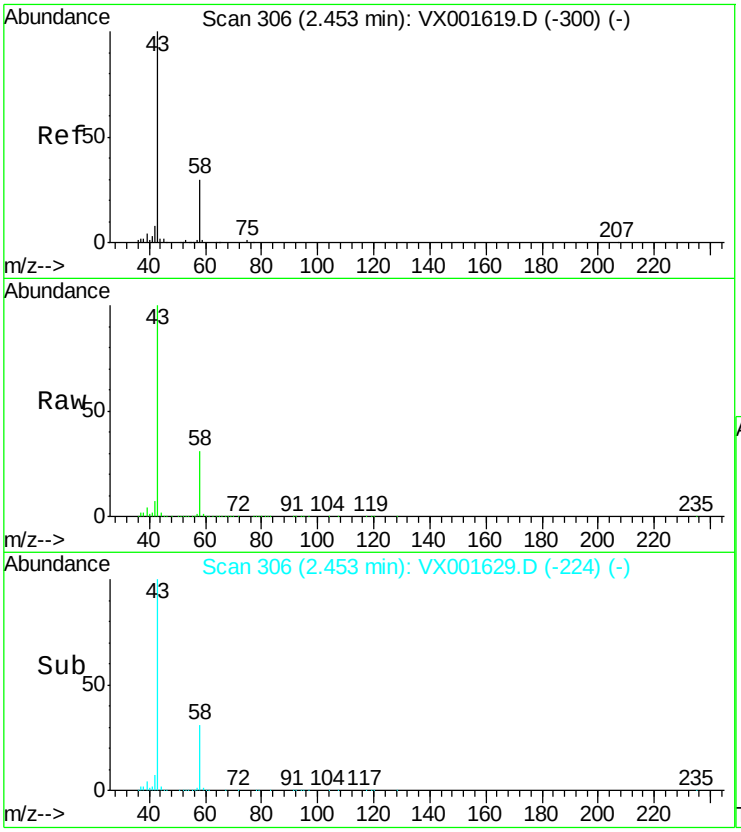


#13
Acrolein
Concen: 0.48 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	85.3	56.9	85.3



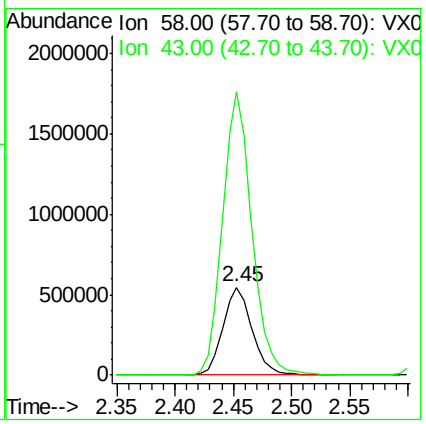


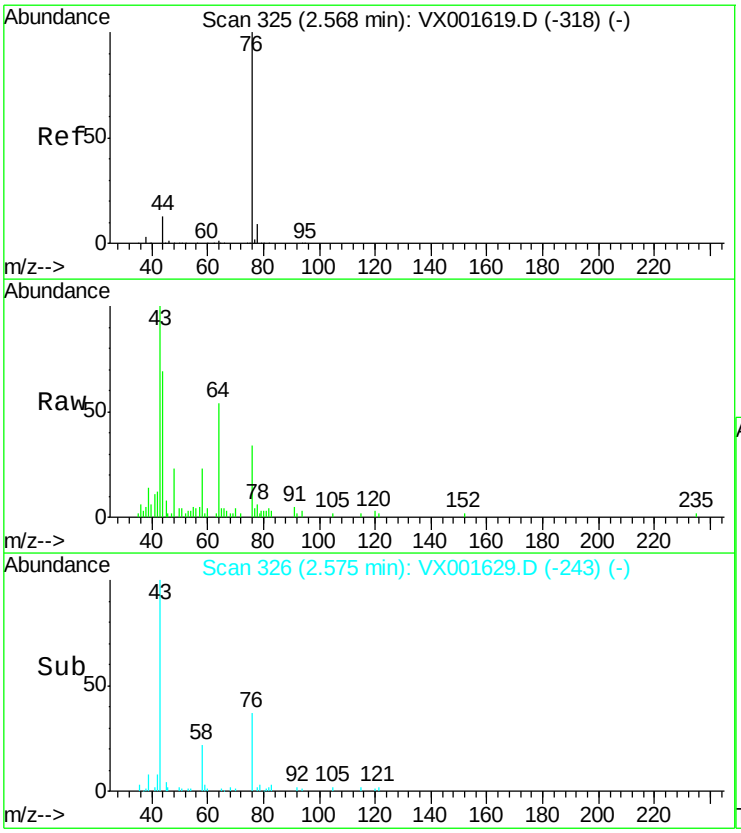
#15
Acetone
Concen: 2132.05 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 58 Resp: 949331

Ion	Ratio	Lower	Upper
58	100		
43	321.0	264.2	396.2

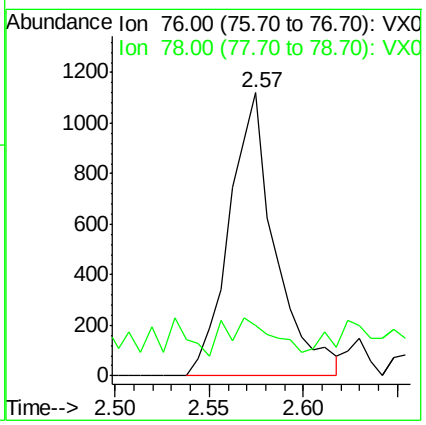


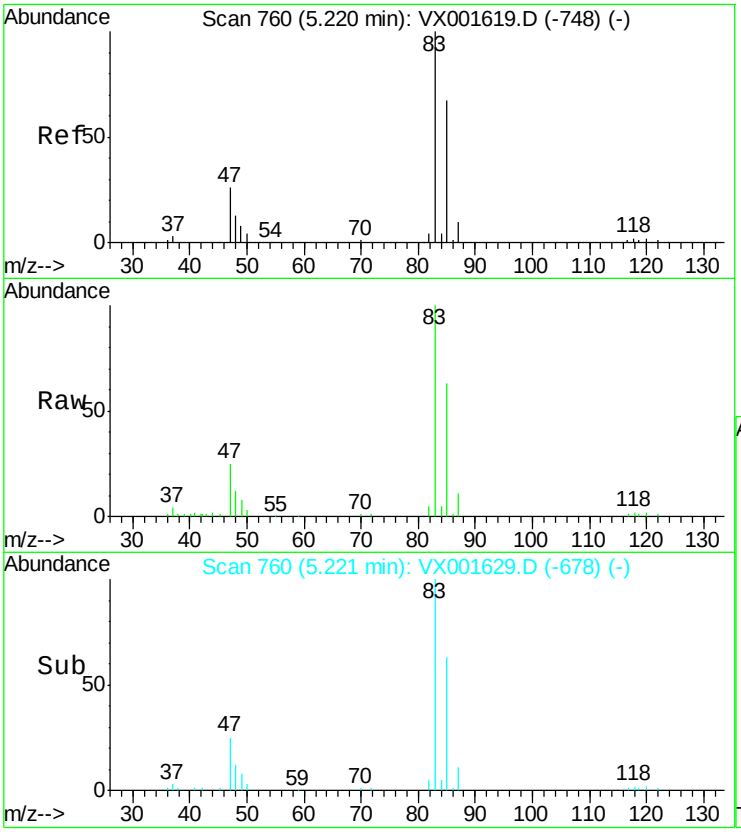


#16
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 76 Resp: 1892

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.3	10.9



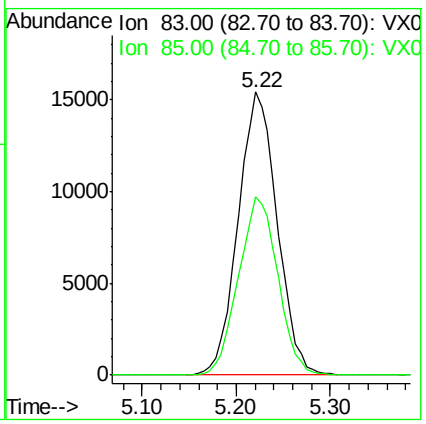


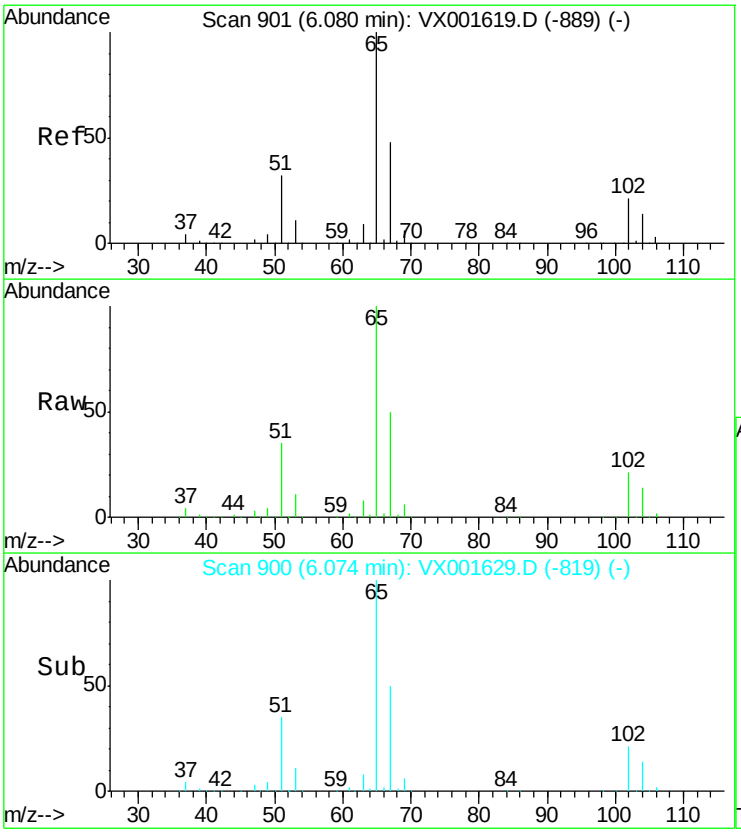
#25
Chloroform
Concen: 8.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 83 Resp: 44721

Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.9	80.9

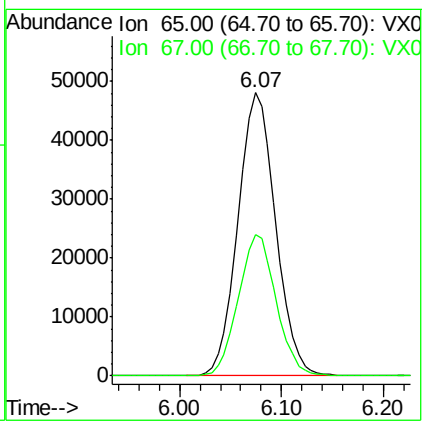


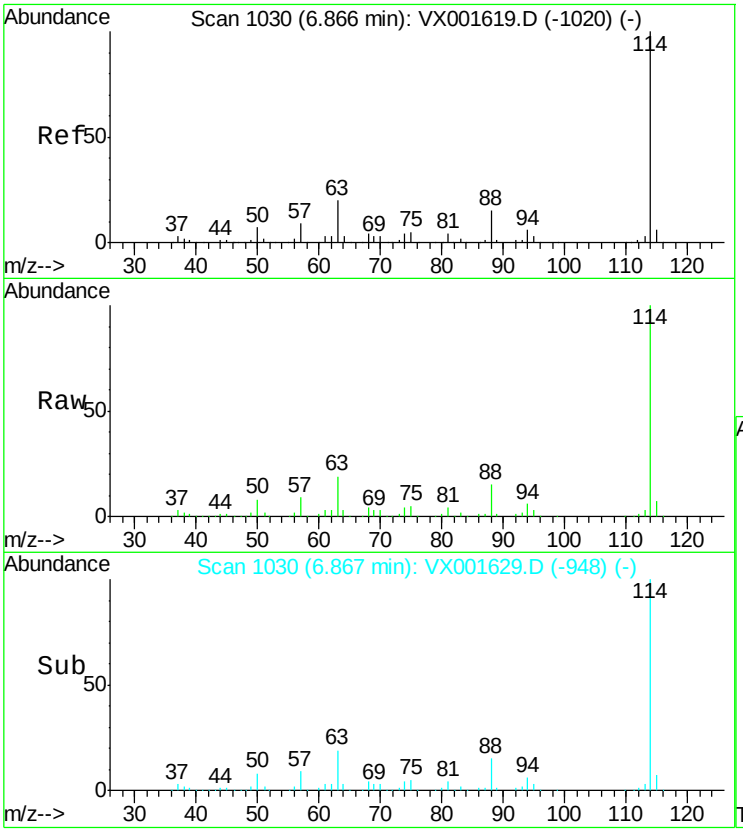


#27
1,2-Dichloroethane-d4
Concen: 32.09 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 65 Resp: 123455

Ion	Ratio	Lower	Upper
65	100		
67	49.9	40.2	60.2



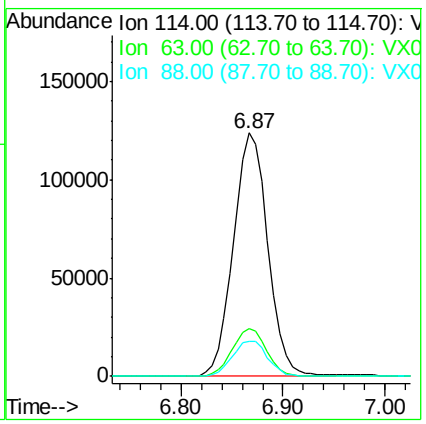


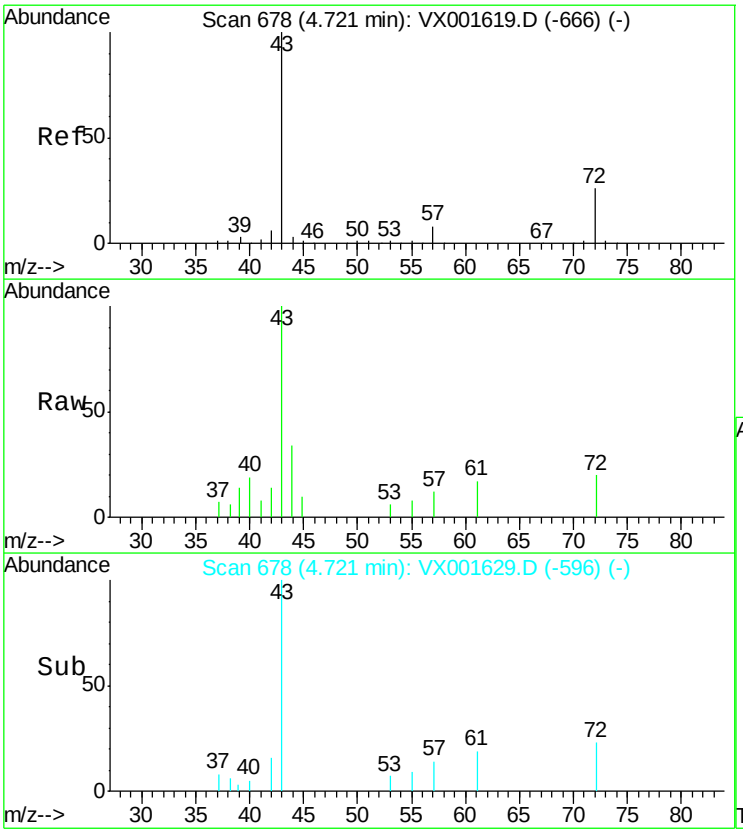
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion:114 Resp: 290523

Ion	Ratio	Lower	Upper
114	100		
63	19.6	15.5	23.3
88	14.9	12.2	18.4

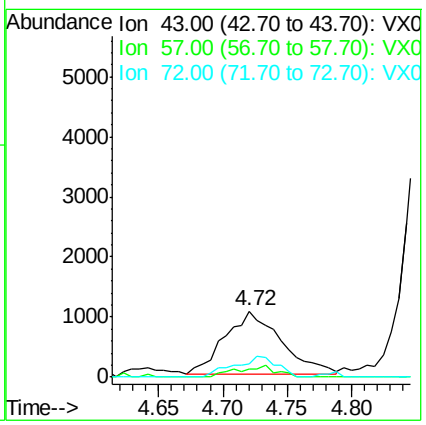


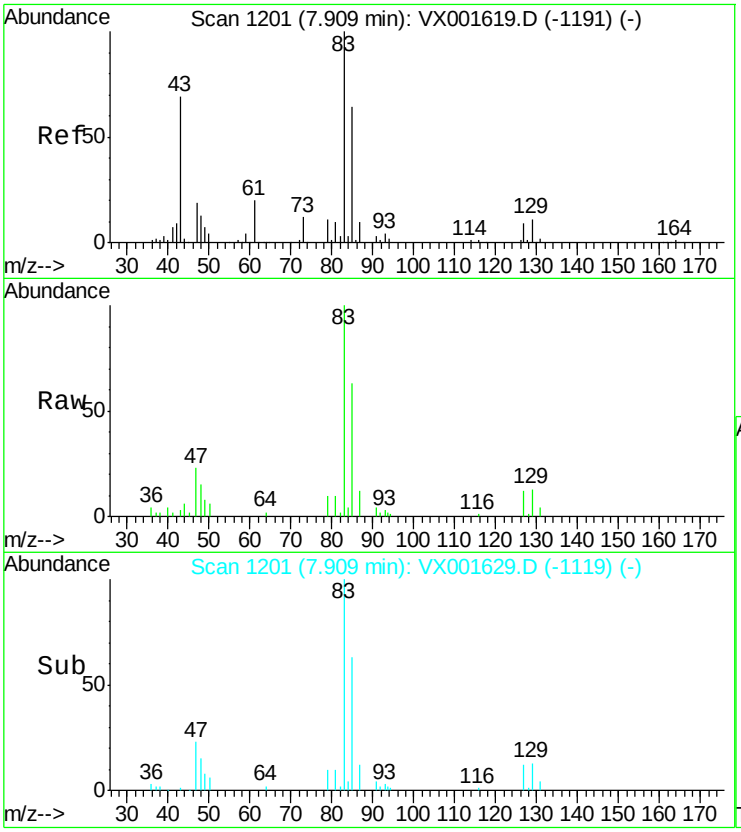


#30
2-Butanone
Concen: 1.30 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

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



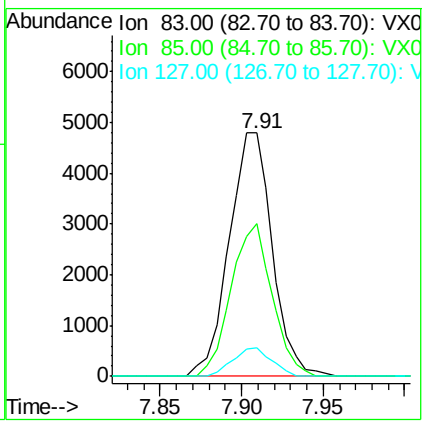


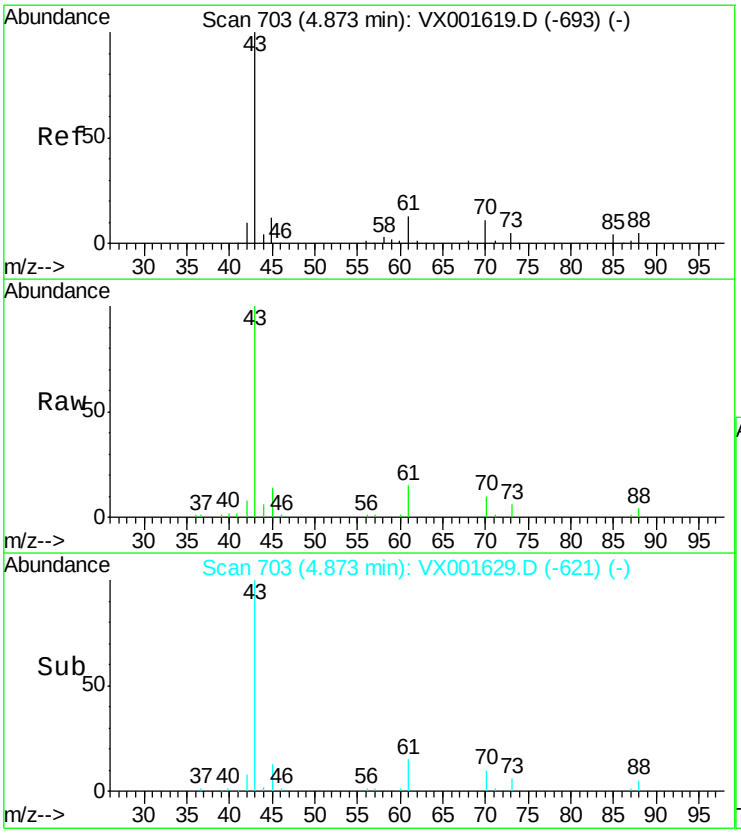
#41
Bromodichloromethane
Concen: 2.24 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 83 Resp: 8833

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.3	76.9
127	11.6	7.5	11.3#

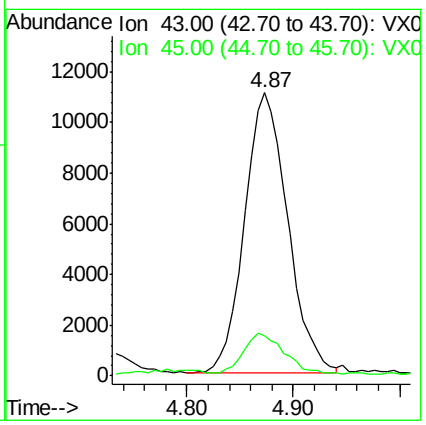


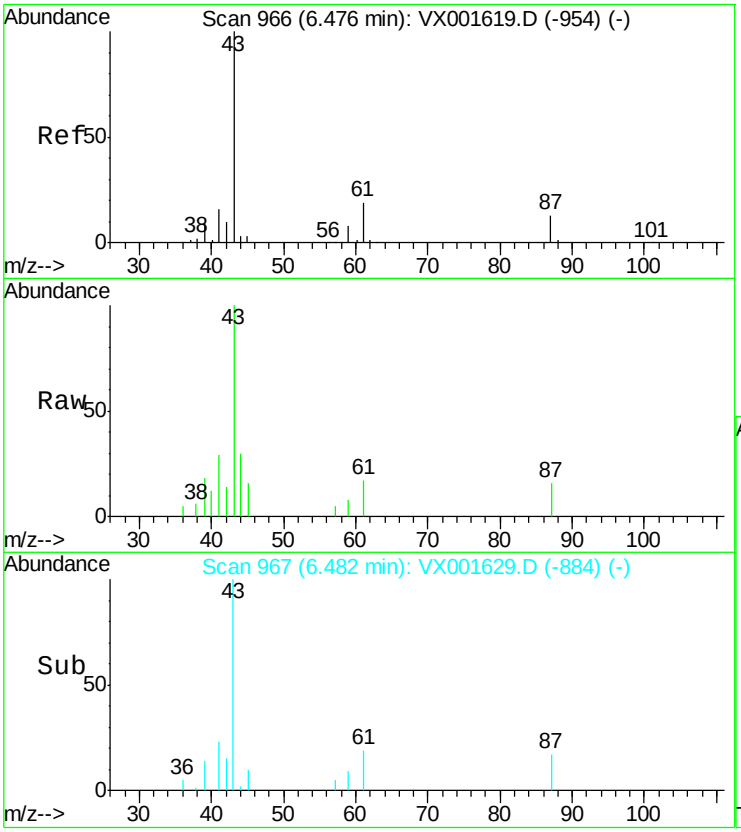


#43
Ethyl Acetate
Concen: 6.85 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 43 Resp: 31464

Ion	Ratio	Lower	Upper
43	100		
45	14.3	12.7	19.1



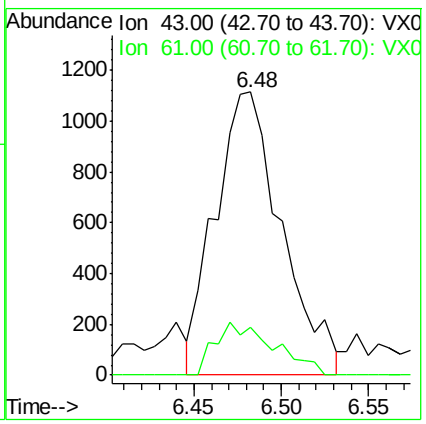


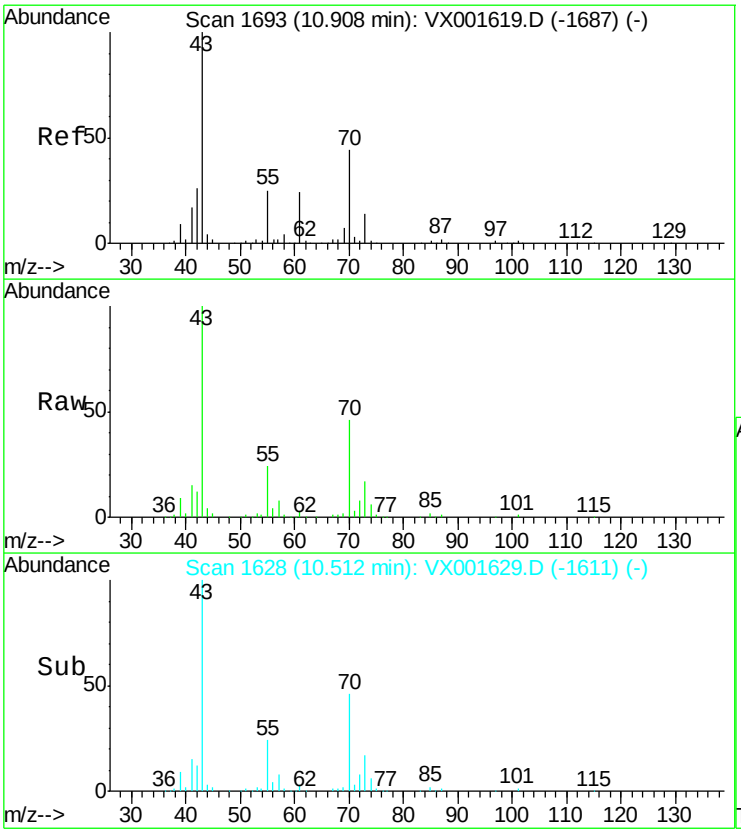
#44
Isopropyl Acetate
Concen: 0.42 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 43 Resp: 2945

Ion	Ratio	Lower	Upper
43	100		
61	13.0	15.1	22.7#

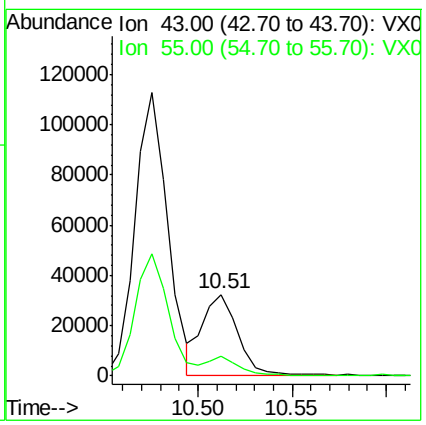


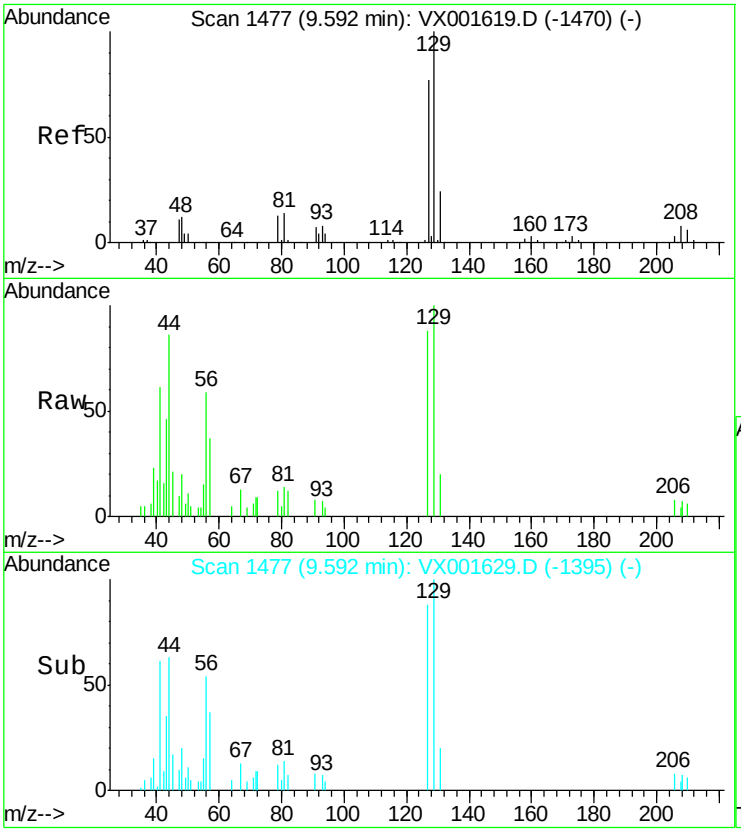


#47
n-amyl Acetate
Concen: 6.93 ug/l
RT: 10.51 min Scan# 1628
Delta R.T. -0.40 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 43 Resp: 41595

Ion	Ratio	Lower	Upper
43	100		
55	22.3	20.8	31.2



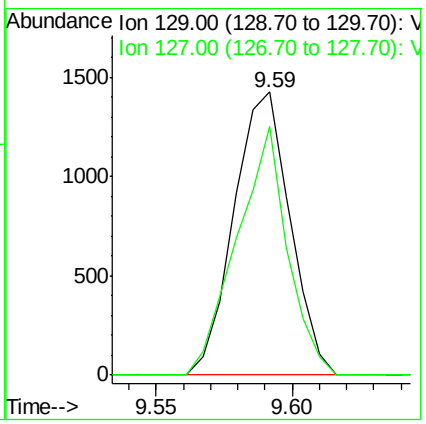


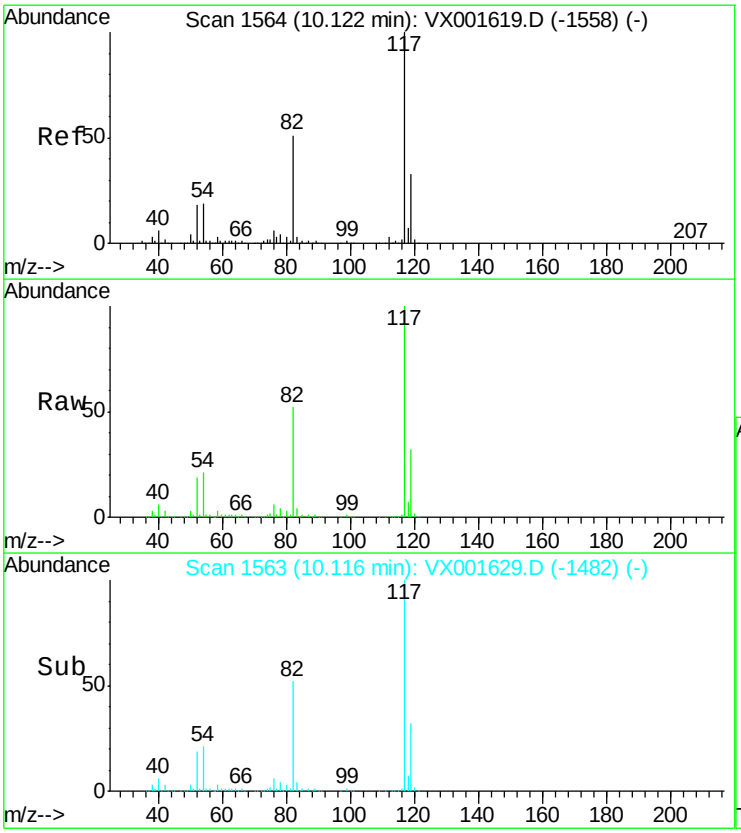
#53
Dibromochloromethane
Concen: 0.63 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion:129 Resp: 2036

Ion	Ratio	Lower	Upper
129	100		
127	79.1	37.9	113.7

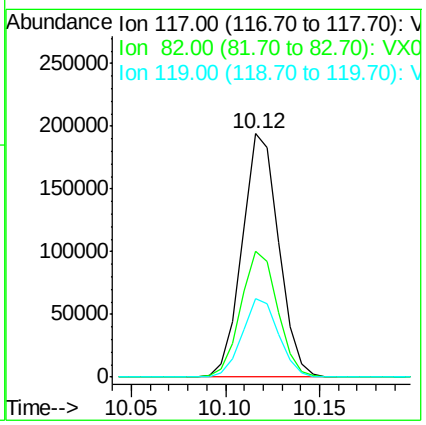


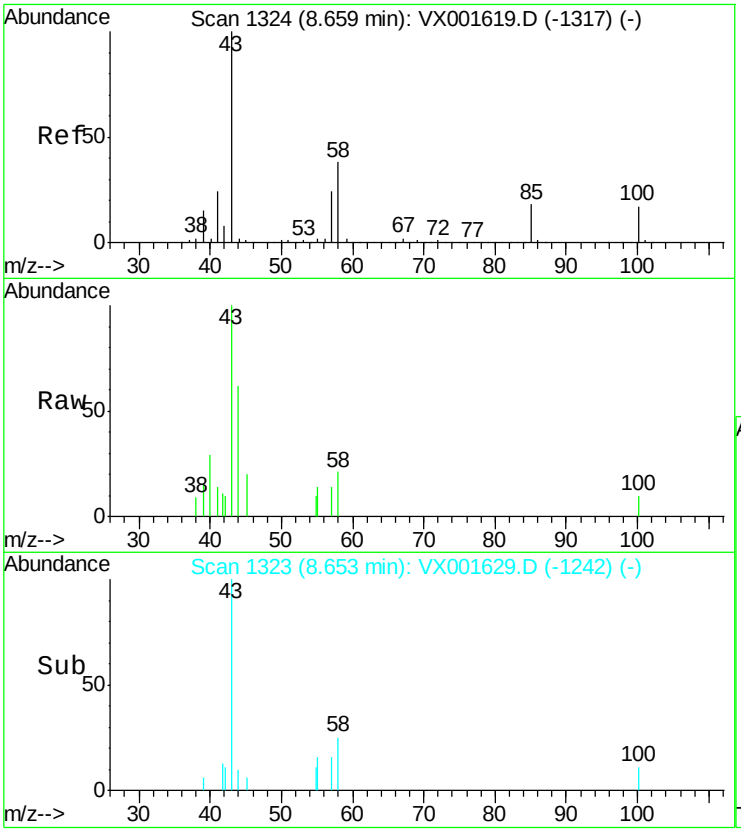


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion:117 Resp: 261251

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.2
119	32.2	26.3	39.5



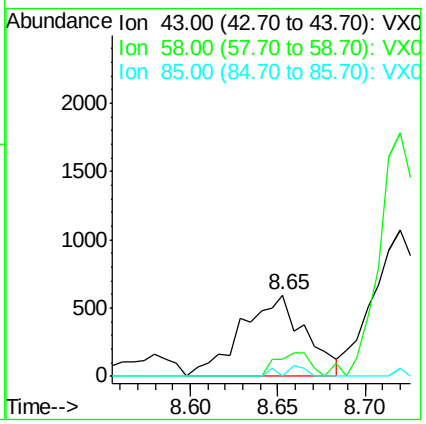


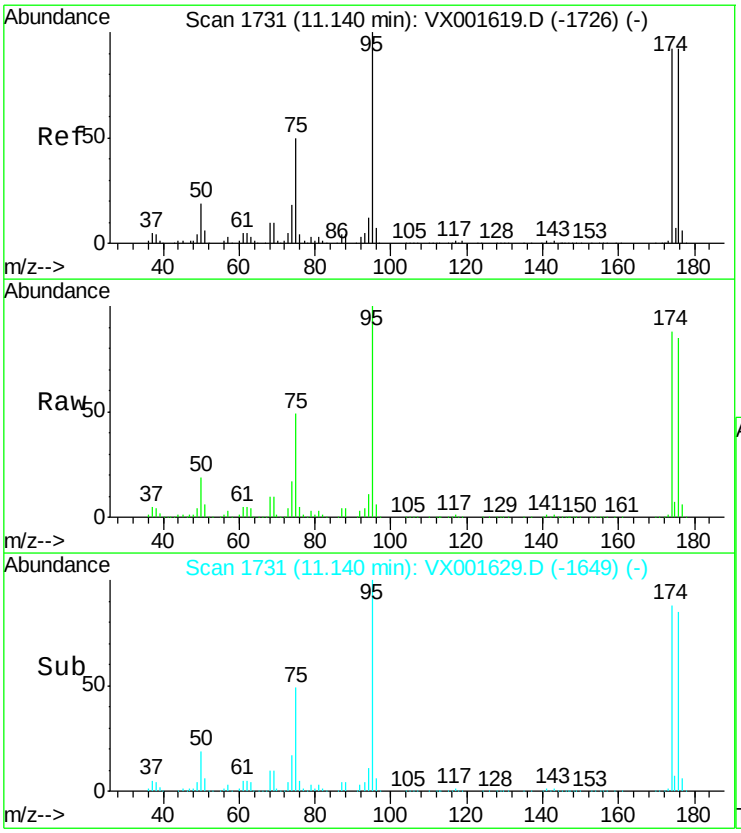
#58
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 43 Resp: 1507

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#
85	1.5	14.3	21.5#

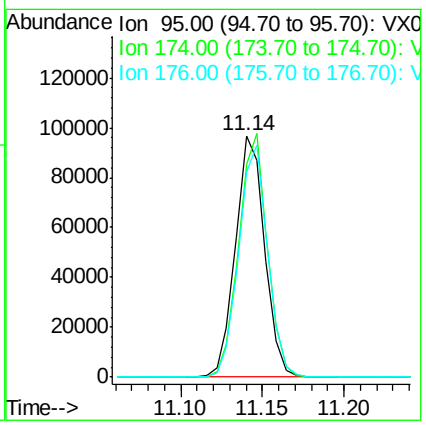


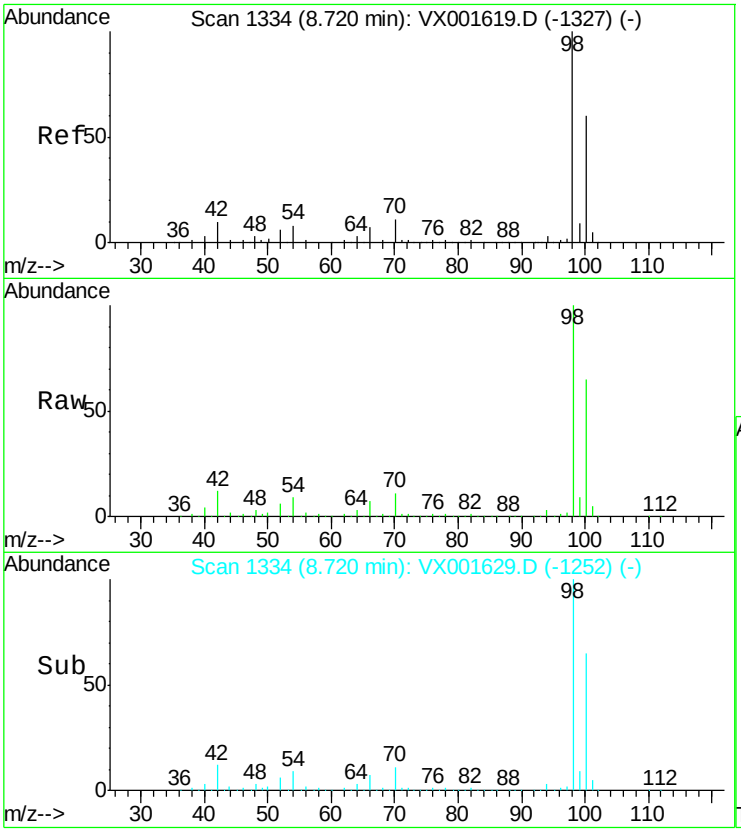


#60
4-Bromofluorobenzene
Concen: 29.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

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



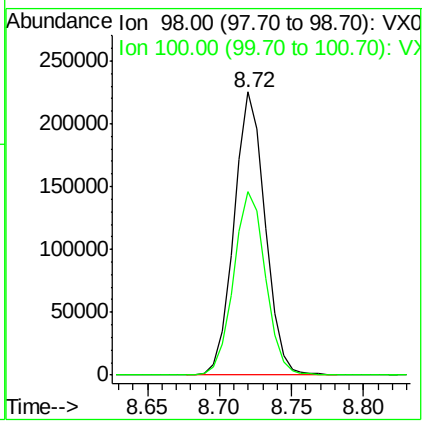


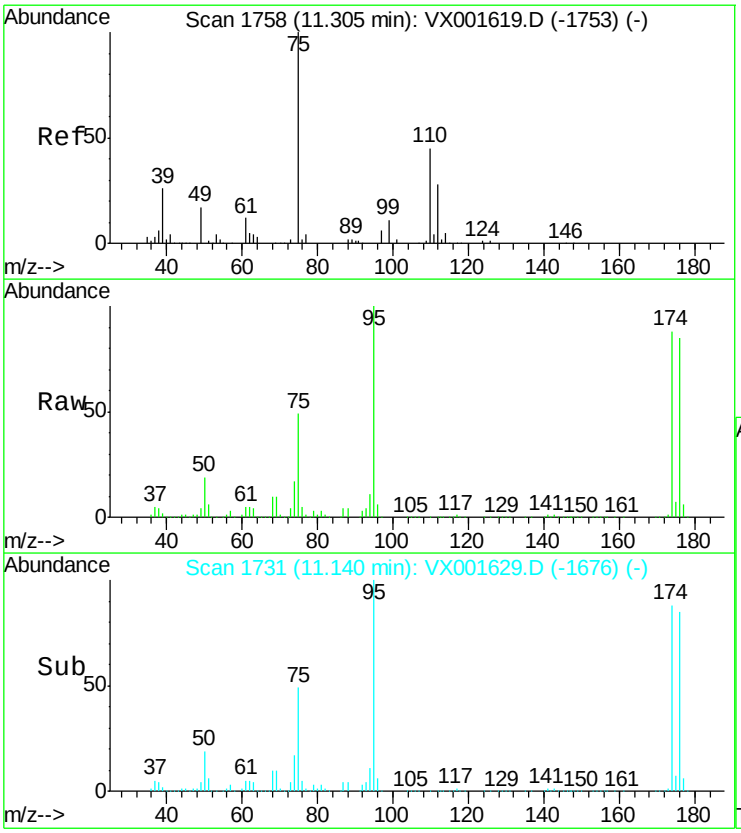
#63
Toluene-d8
Concen: 29.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 98 Resp: 338313

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2

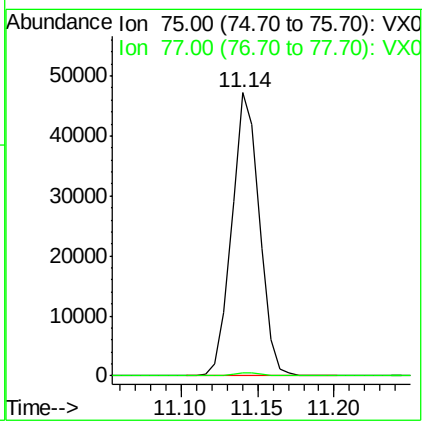


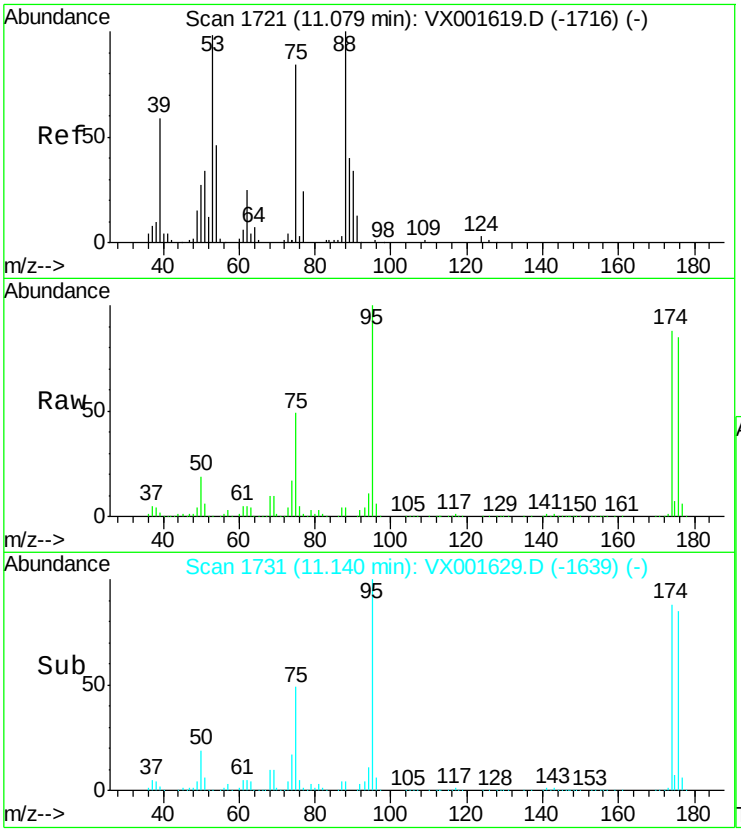


#72
1,2,3-Trichloropropane
Concen: 13.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Tgt Ion: 75 Resp: 58648

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	73.2





#77
t-1,4-Dichloro-2-butene
Concen: 52.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001629.D
Acq: 11 May 2018 04:22

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTFALL-001

Tgt Ion: 75 Resp: 58648

Ion	Ratio	Lower	Upper
75	100		
53	0.1	58.3	174.8#
89	0.0	23.9	71.8#