Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009481.D
Acq On : 10 May 2019 14:24
Operator : JC/SP
Sample : K2789-02DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SEWER-OUTLET-02DL

Quant Time: May 11 02:34:40 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	28591	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	166678	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	141573	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	70989	29.93	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.77%				
60) 4-Bromofluorobenzene	11.13	95	68796	28.60	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.33%				
63) Toluene-d8	8.71	98	201132	29.97	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.90%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	599	0.293	ug/l		95
5) Bromomethane	1.64	94	356	0.276	ug/l		88
12) Methyl Acetate	2.77	43	1930	0.655	ug/l	#	89
15) Acetone	2.44	58	36386	99.139	ug/l		98
18) Methylene Chloride	2.86	84	673	0.356	ug/l	#	67
23) tert-Butyl Alcohol	3.01	59	321	0.594	ug/l	#	100
25) Chloroform	5.21	83	212569	65.102	ug/l		99
41) Bromodichloromethane	7.90	83	1137	0.457	ug/l	#	90
44) Isopropyl Acetate	6.45	43	555759	99.122	ug/l		99
52) 1,3-Dichloropropane	9.05	76	928	0.280	ug/l	#	43
58) 4-Methyl-2-Pentanone	8.64	43	1150	0.330	ug/l	#	60
77) t-1,4-Dichloro-2-butene	11.13	75	34312	33.125	ug/l	#	10
80) 1,2,4-Trimethylbenzene	11.81	105	2135	0.309	ug/l	#	31

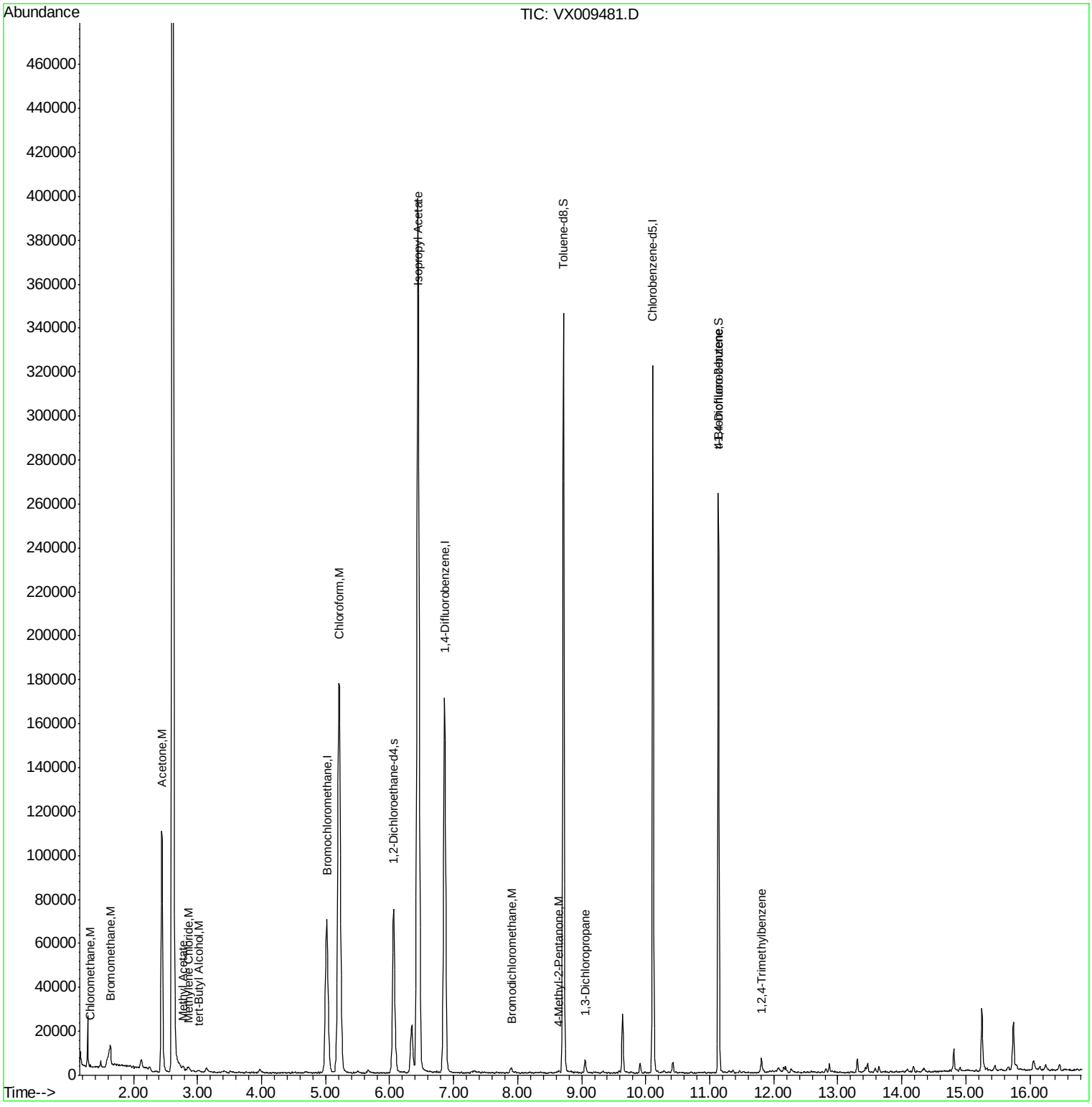
(#) = qualifier out of range (m) = manual integration (+) = signals summed

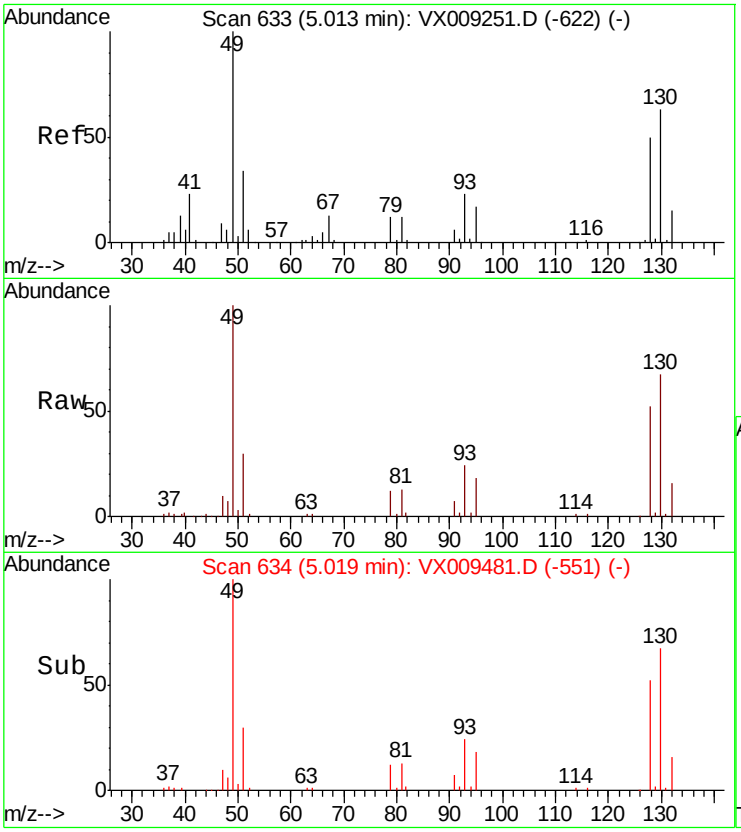
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009481.D
Acq On : 10 May 2019 14:24
Operator : JC/SP
Sample : K2789-02DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Quant Time: May 11 02:34:40 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



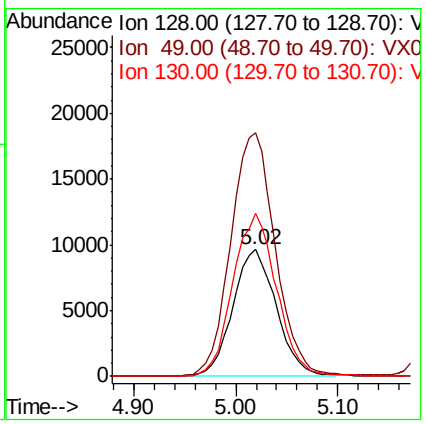


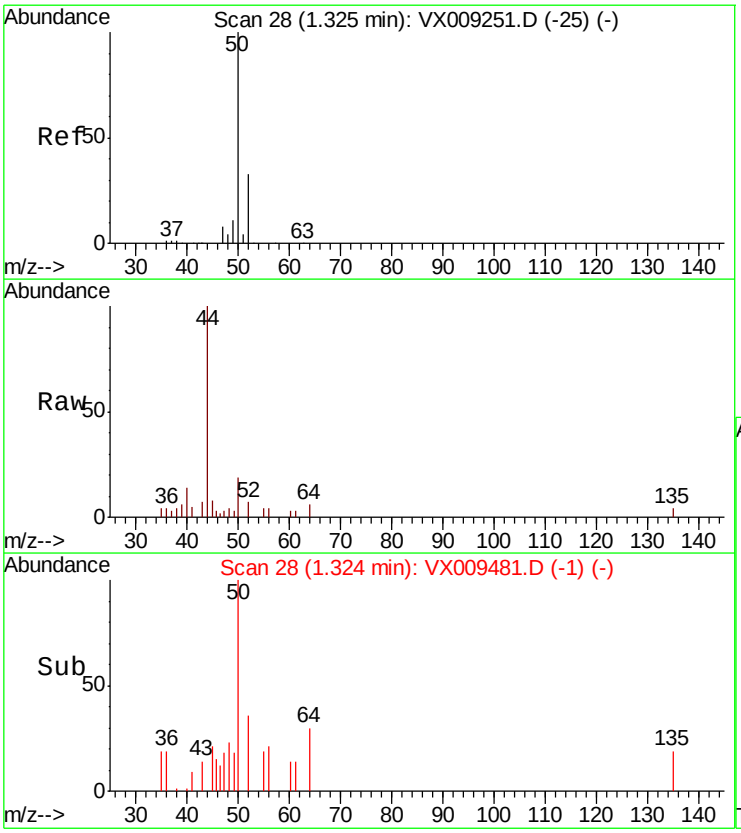
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion:128 Resp: 28591

Ion	Ratio	Lower	Upper
128	100		
49	196.6	0.0	515.0
130	129.1	0.0	323.3

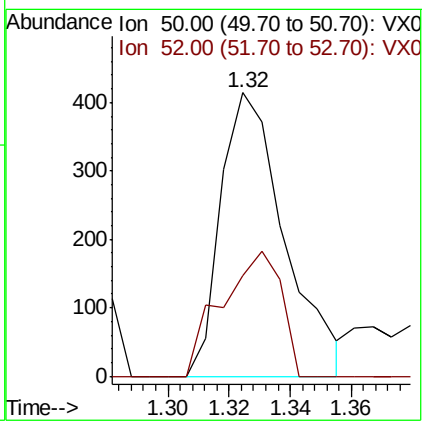


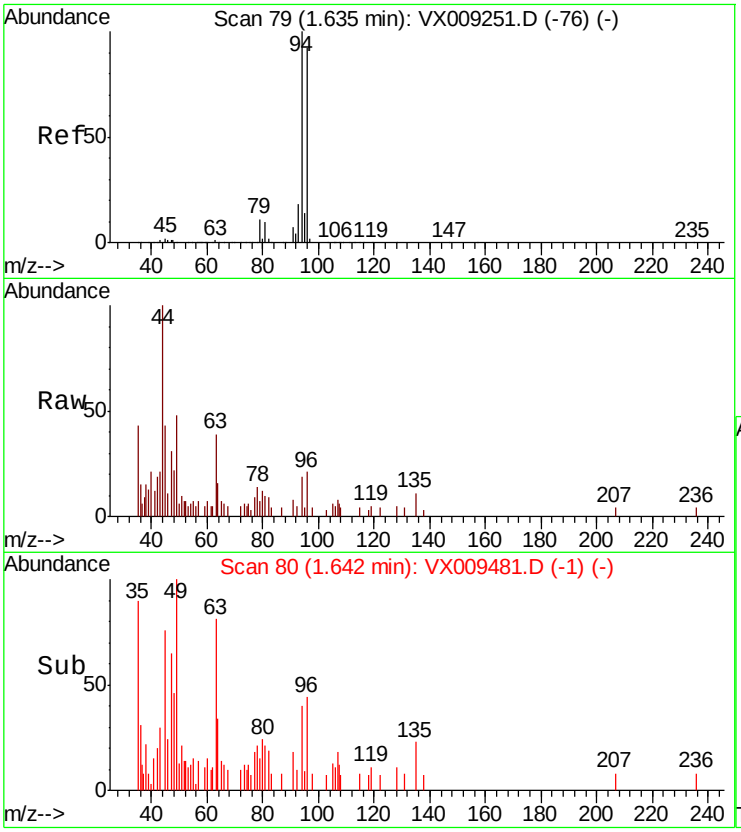


#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 50 Resp: 599

Ion	Ratio	Lower	Upper
50	100		
52	35.7	26.3	39.5



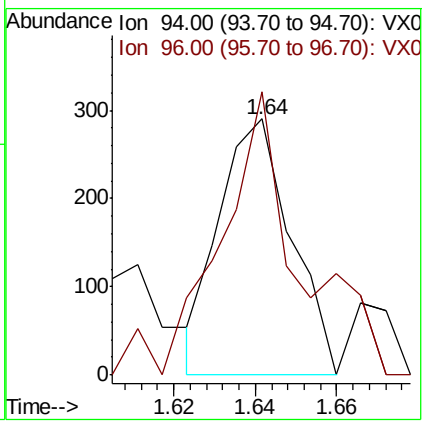


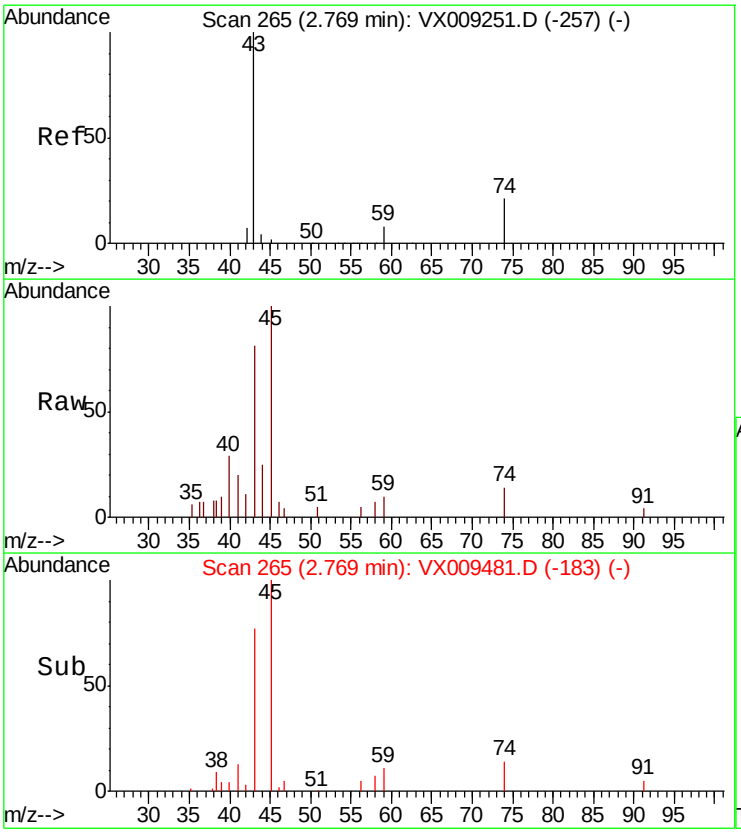
#5
Bromomethane
Concen: 0.276 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 94 Resp: 356

Ion	Ratio	Lower	Upper
94	100		
96	80.7	73.5	110.3

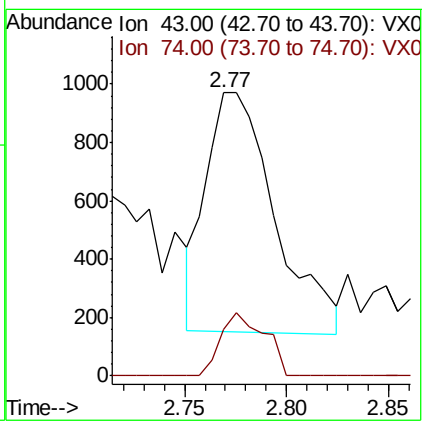


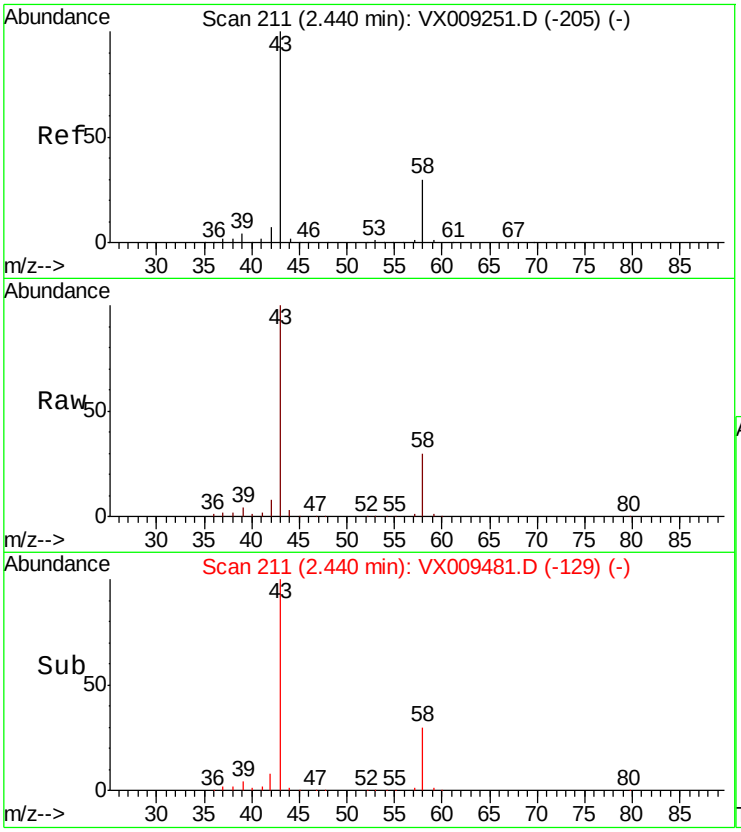


#12
Methyl Acetate
Concen: 0.655 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 43 Resp: 1930

Ion	Ratio	Lower	Upper
43	100		
74	25.6	16.5	24.7#



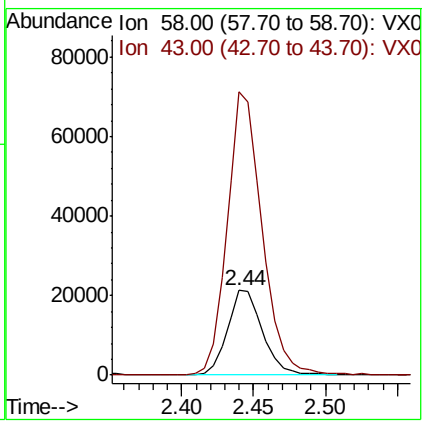


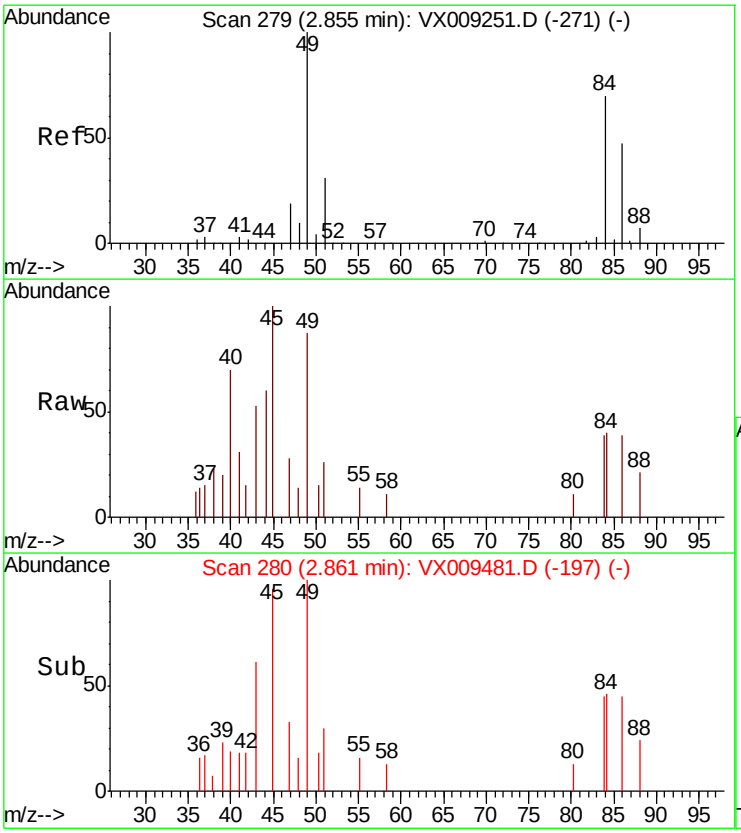
#15
Acetone
Concen: 99.139 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 58 Resp: 36386

Ion	Ratio	Lower	Upper
58	100		
43	333.8	264.0	396.0

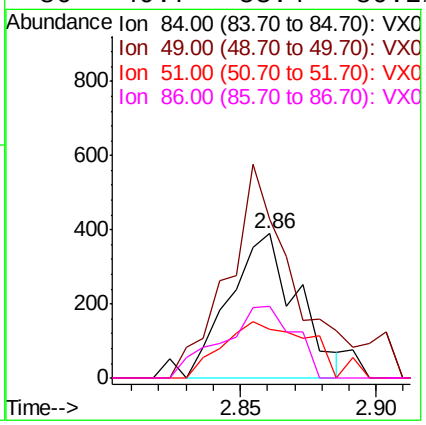


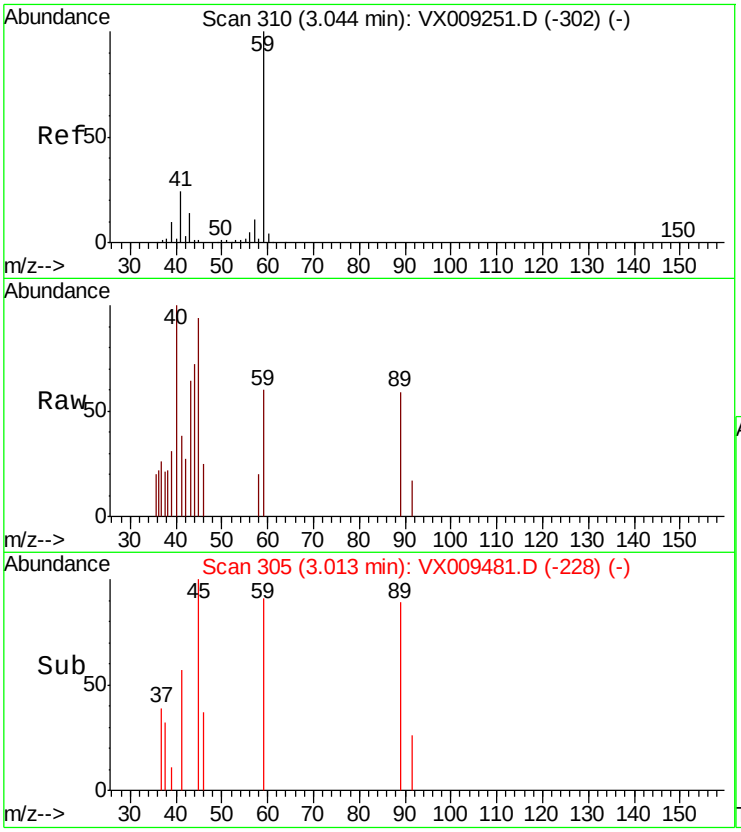


#18
Methylene Chloride
Concen: 0.356 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 84 Resp: 673

Ion	Ratio	Lower	Upper
84	100		
49	88.7	114.6	171.8#
51	33.3	35.5	53.3#
86	49.7	53.4	80.2#



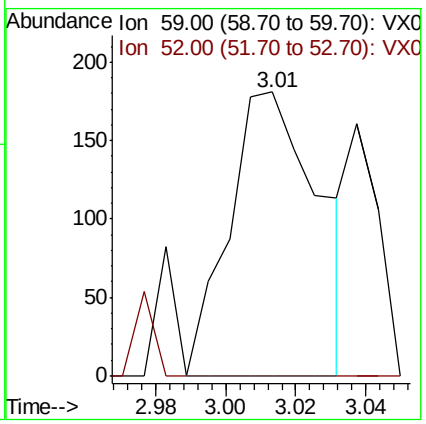


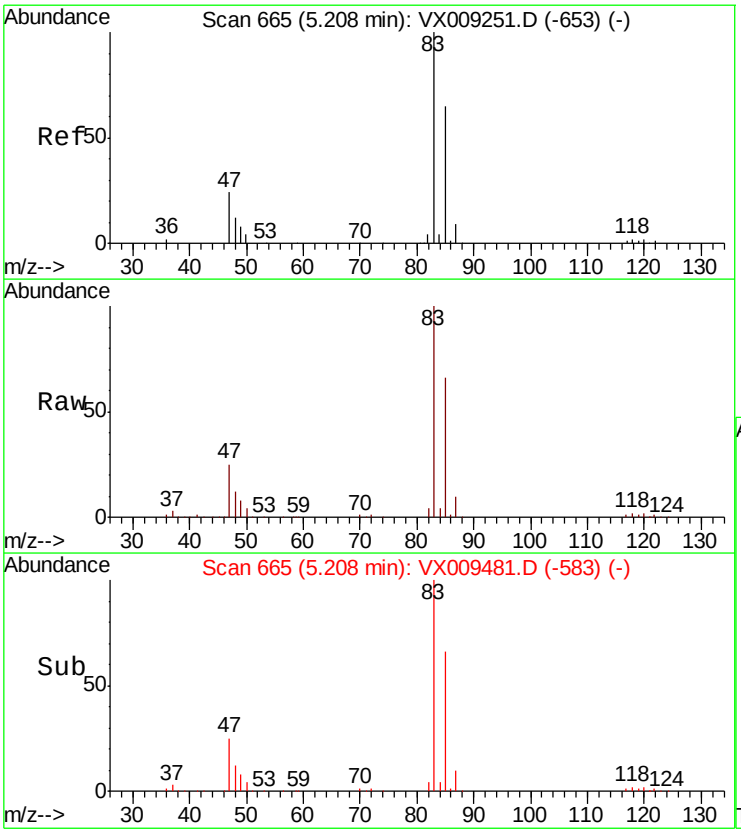
#23
tert-Butyl Alcohol
Concen: 0.594 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.03 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 59 Resp: 321

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

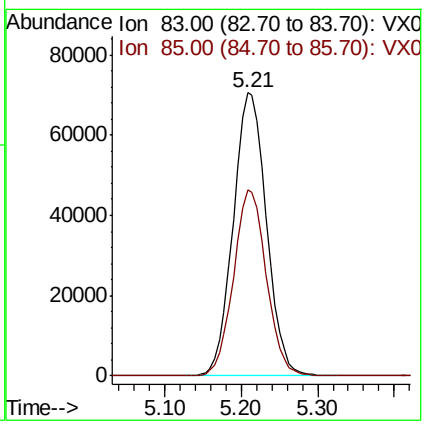


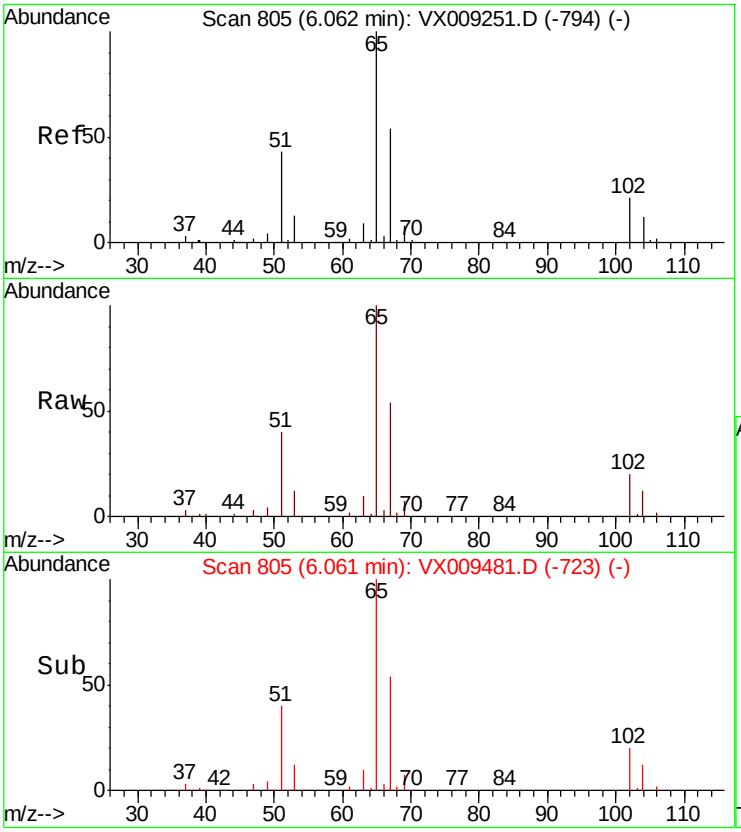


#25
Chloroform
Concen: 65.102 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 83 Resp: 212569

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.9	77.9



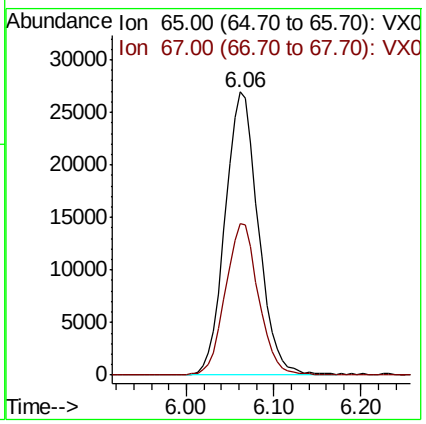


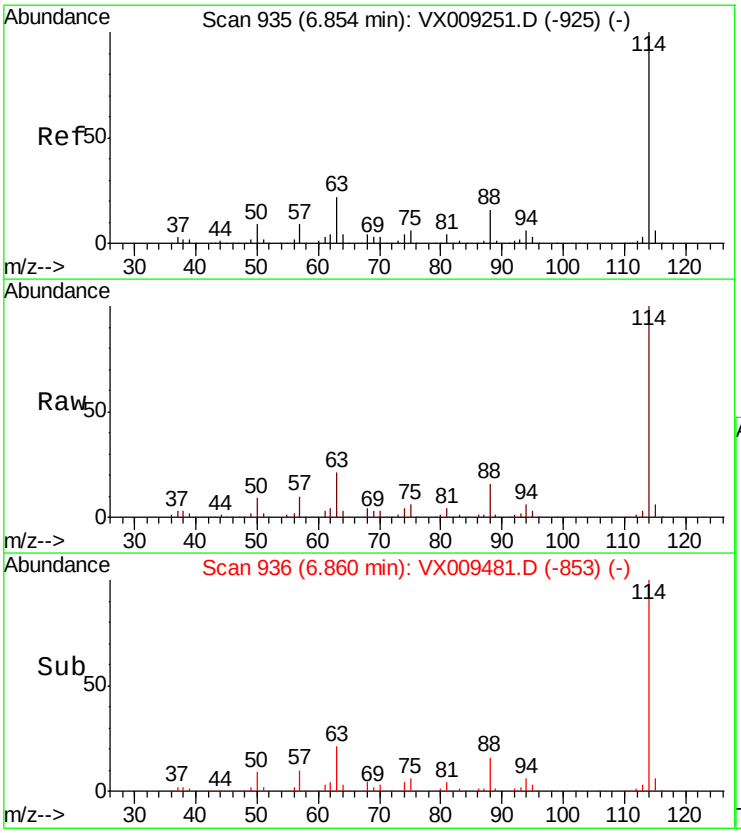
#27
1,2-Dichloroethane-d4
Concen: 29.931 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 65 Resp: 70989

Ion	Ratio	Lower	Upper
65	100		
67	53.4	43.1	64.7

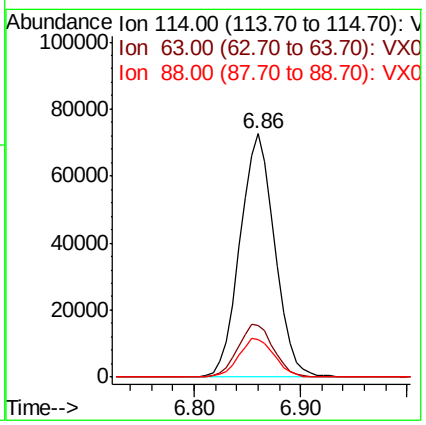


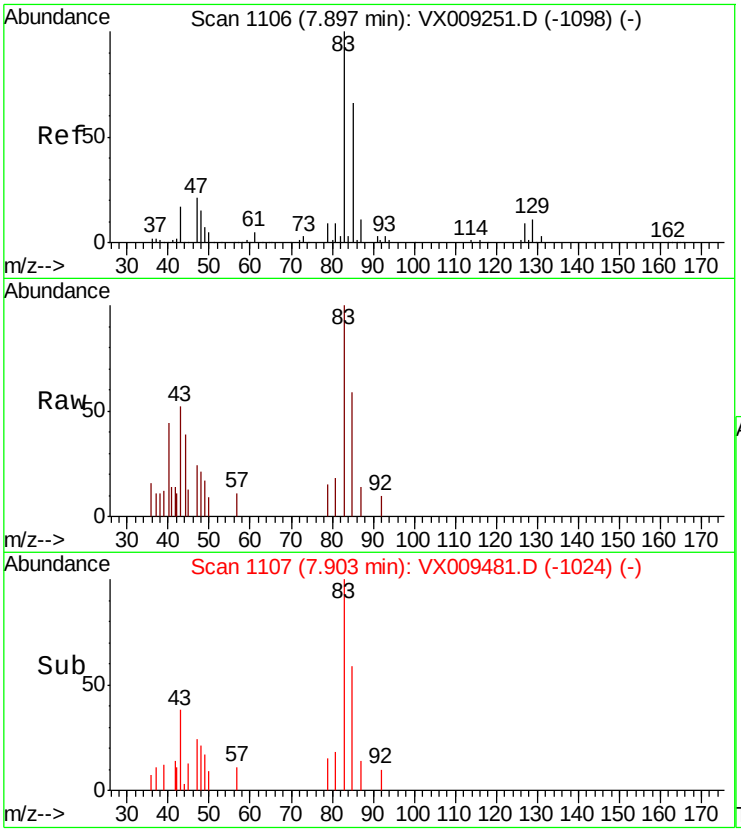


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion:114 Resp: 166678

Ion	Ratio	Lower	Upper
114	100		
63	22.4	18.0	27.0
88	16.3	13.4	20.0



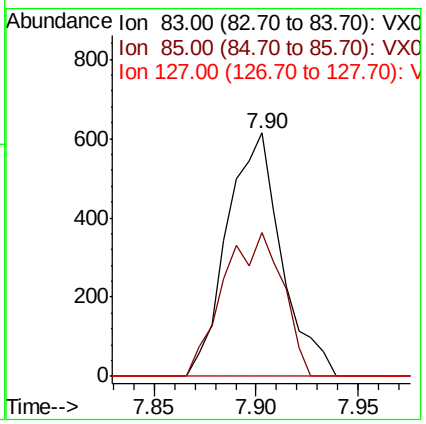


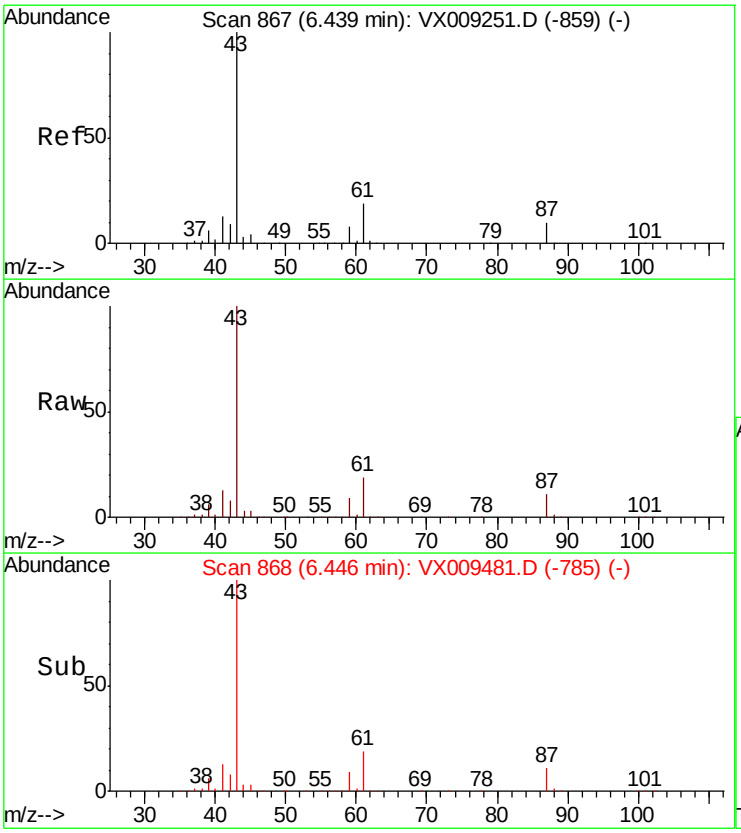
#41
Bromodichloromethane
Concen: 0.457 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 83 Resp: 1137

Ion	Ratio	Lower	Upper
83	100		
85	59.1	52.6	79.0
127	0.0	6.9	10.3#

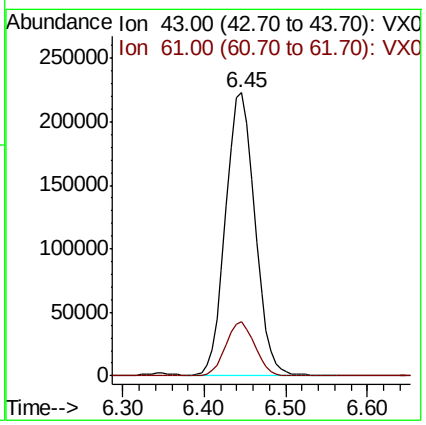


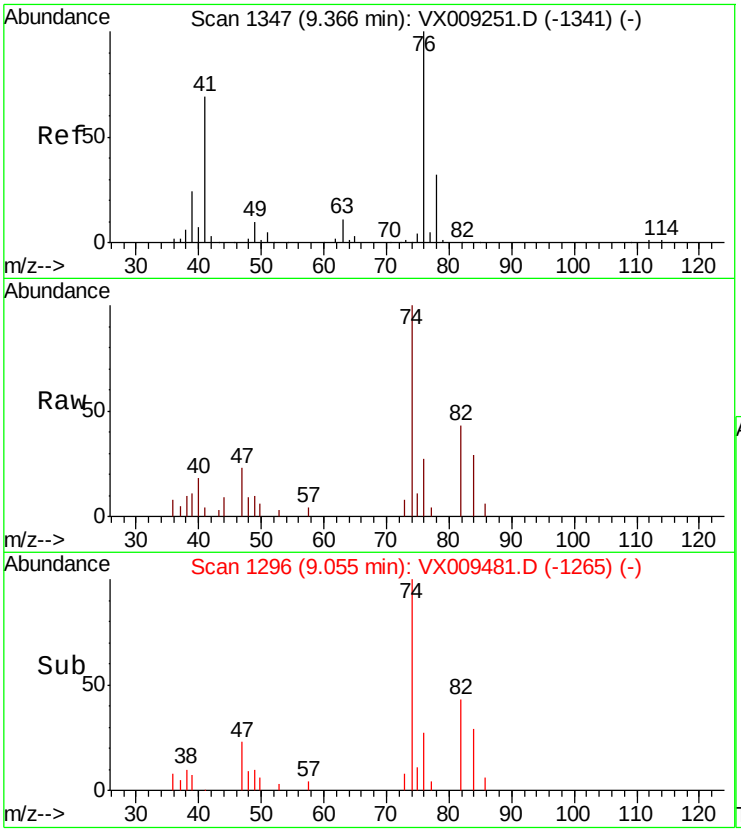


#44
Isopropyl Acetate
Concen: 99.122 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 43 Resp: 555759

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2



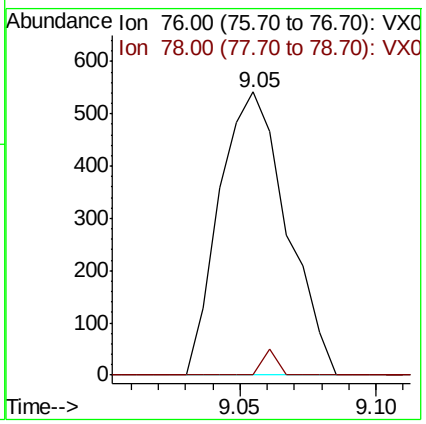


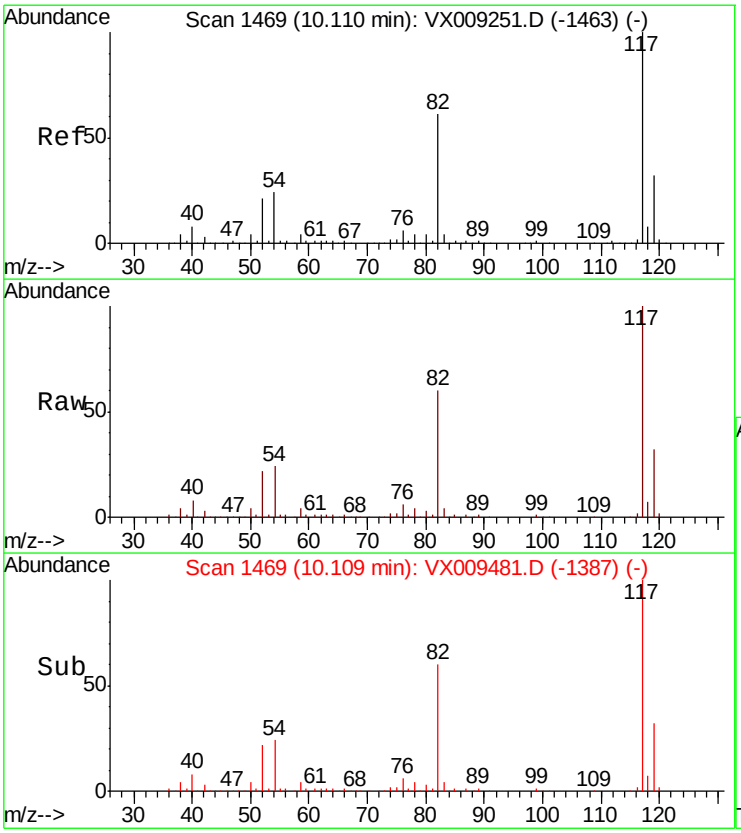
#52
1,3-Dichloropropane
Concen: 0.280 ug/l
RT: 9.05 min Scan# 1296
Delta R.T. -0.31 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 76 Resp: 928

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	64.2

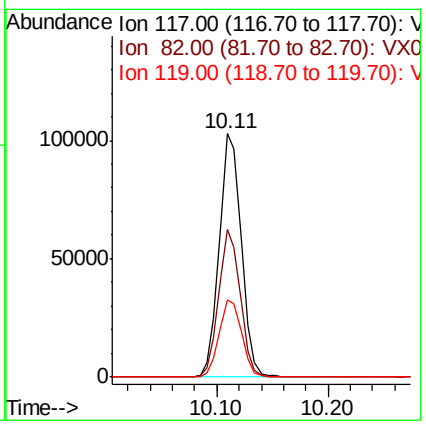


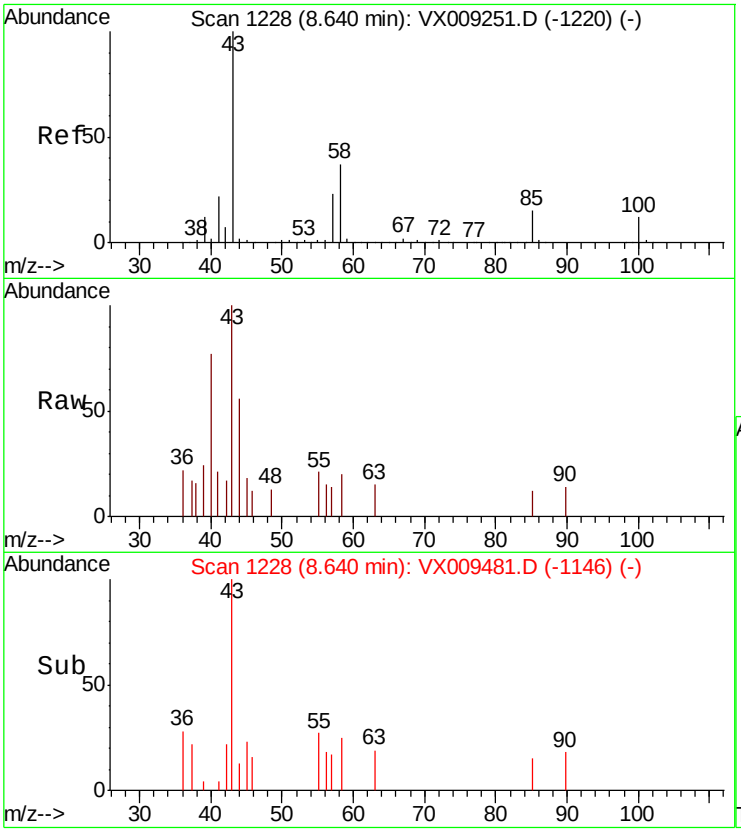


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion:117 Resp: 141573

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.8
119	31.9	25.6	38.4



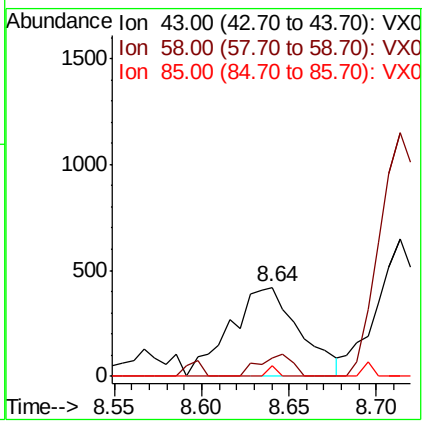


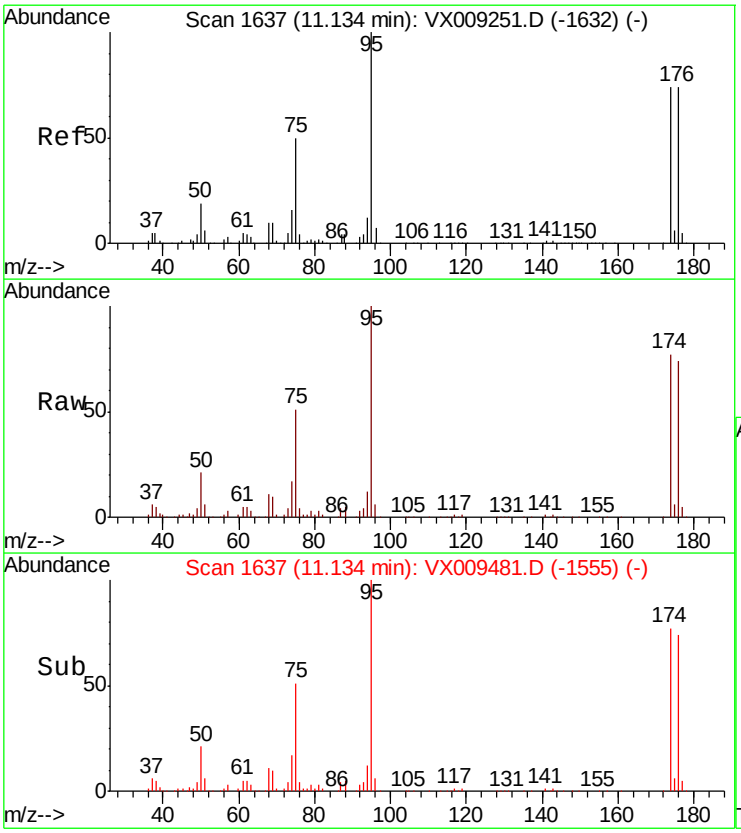
#58
4-Methyl-2-Pentanone
Concen: 0.330 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 43 Resp: 1150

Ion	Ratio	Lower	Upper
43	100		
58	11.7	29.4	44.0#
85	0.0	11.8	17.8#

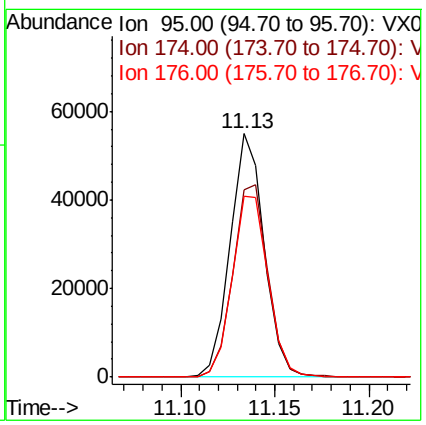


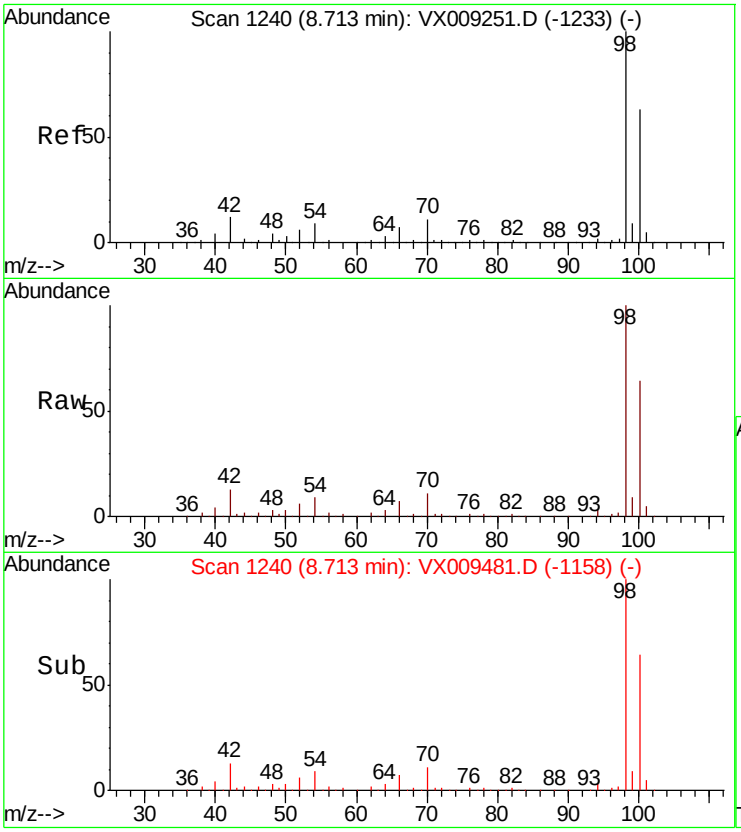


#60
4-Bromofluorobenzene
Concen: 28.597 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 95 Resp: 68796

Ion	Ratio	Lower	Upper
95	100		
174	81.9	63.6	95.4
176	78.7	62.4	93.6



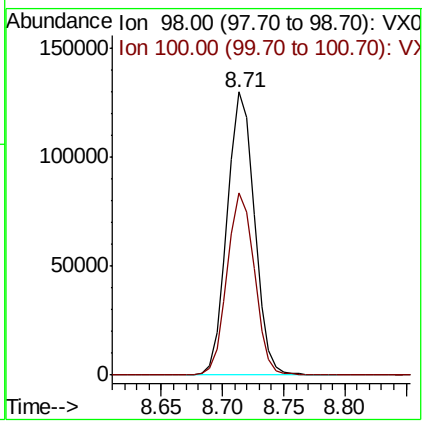


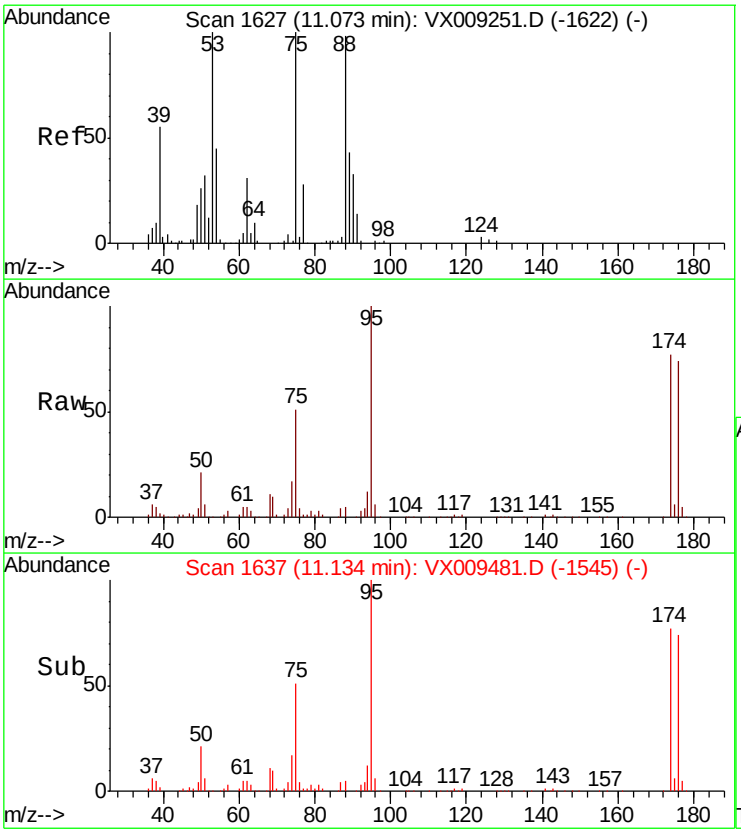
#63
Toluene-d8
Concen: 29.966 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion: 98 Resp: 201132

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

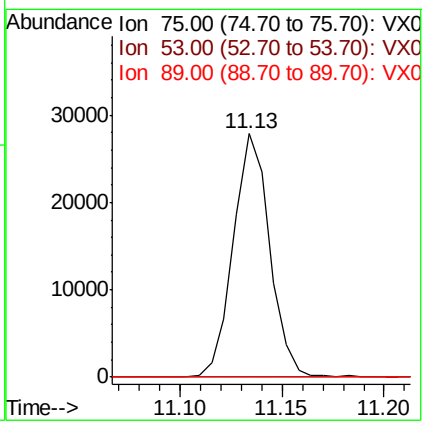


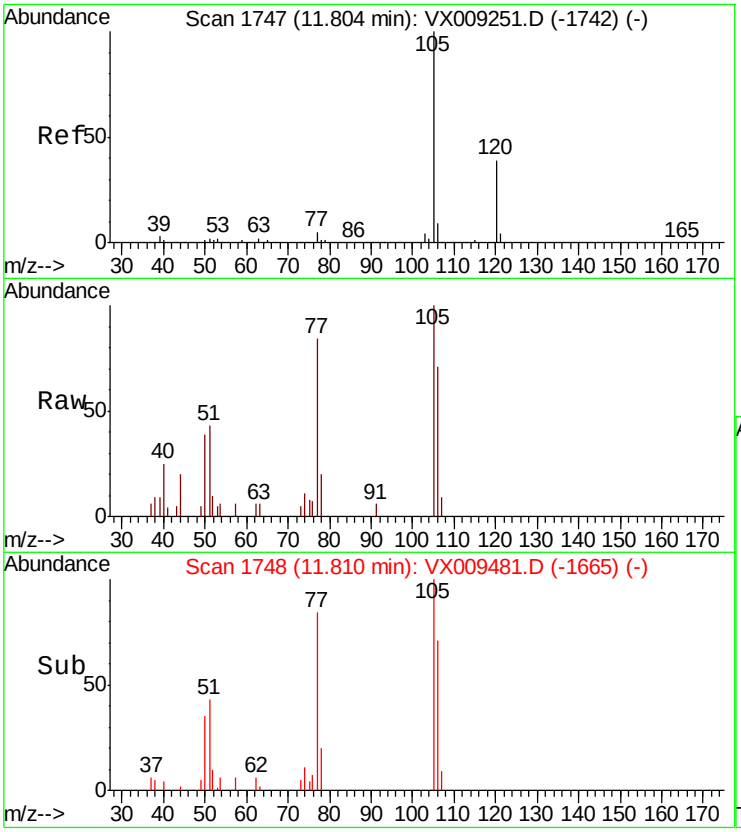


#77
t-1,4-Dichloro-2-butene
Concen: 33.125 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 75 Resp: 34312

Ion	Ratio	Lower	Upper
75	100		
53	0.2	50.0	149.8#
89	0.0	21.6	65.0#





#80
1,2,4-Trimethylbenzene
Concen: 0.309 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tgt Ion:105 Resp: 2135

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	89.6