Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019484.D
Acq On : 19 Nov 2020 22:23
Operator : JC/MD
Sample : L4834-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001

Quant Time: Nov 20 01:39:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	47265	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	254766	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	233566	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	105431	31.04	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.47%				
60) 4-Bromofluorobenzene	11.12	95	103768	27.24	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.80%				
63) Toluene-d8	8.70	98	308254	29.61	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.70%				
Target Compounds							Qvalue
15) Acetone	2.42	58	49875	112.235	ug/l		99
18) Methylene Chloride	2.83	84	1142	0.361	ug/l	#	79
23) tert-Butyl Alcohol	3.04	59	204	0.310	ug/l	#	100
25) Chloroform	5.18	83	6965	1.290	ug/l		97
30) 2-Butanone	4.64	43	879	0.445	ug/l	#	83
41) Bromodichloromethane	7.87	83	1052	0.256	ug/l		90
51) Ethyl methacrylate	8.70	69	1186	0.265	ug/l		90
56) Bromoform	11.12	173	665	0.301	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.12	75	50545	34.881	ug/l	#	11

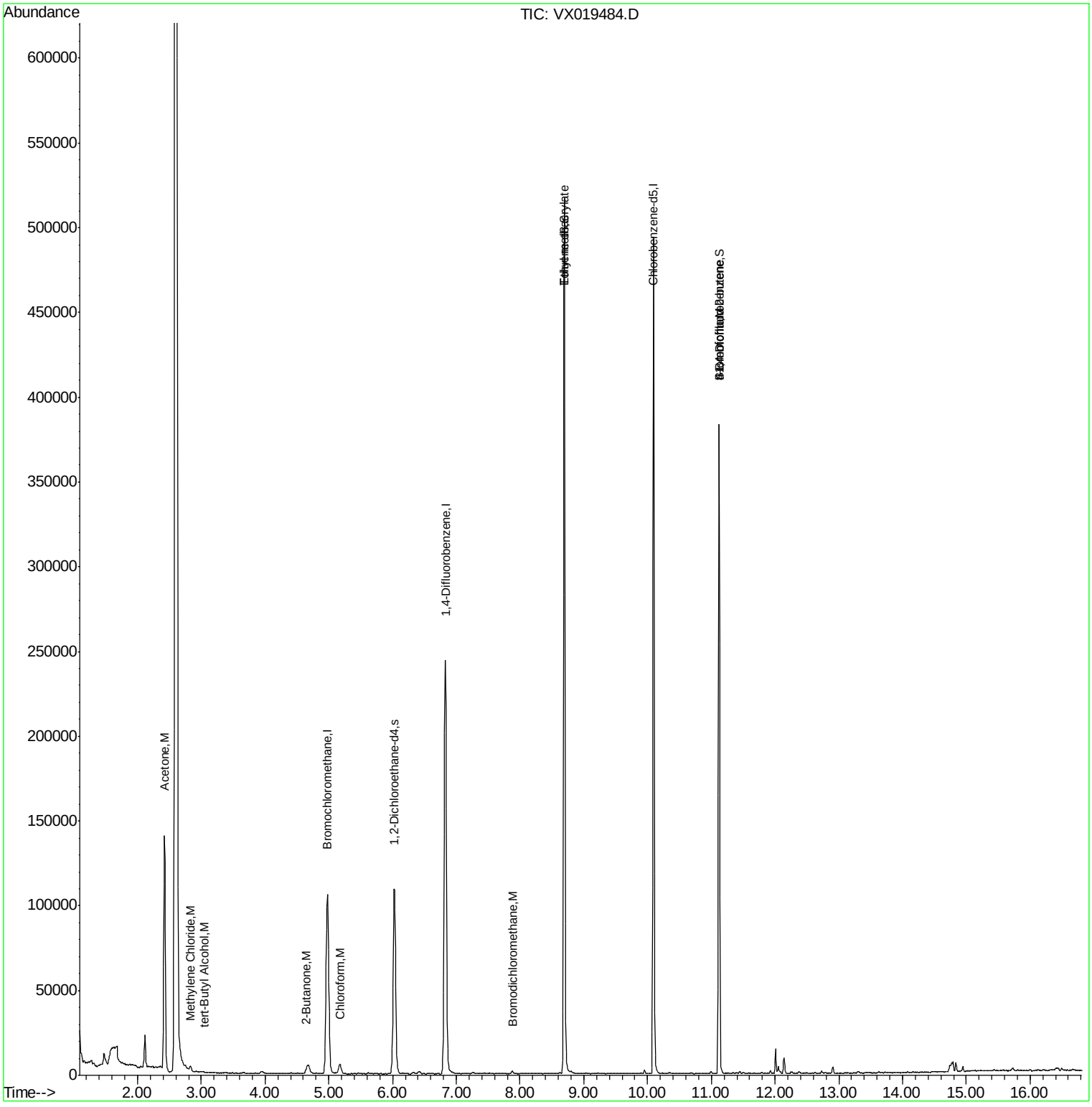
(#) = qualifier out of range (m) = manual integration (+) = signals summed

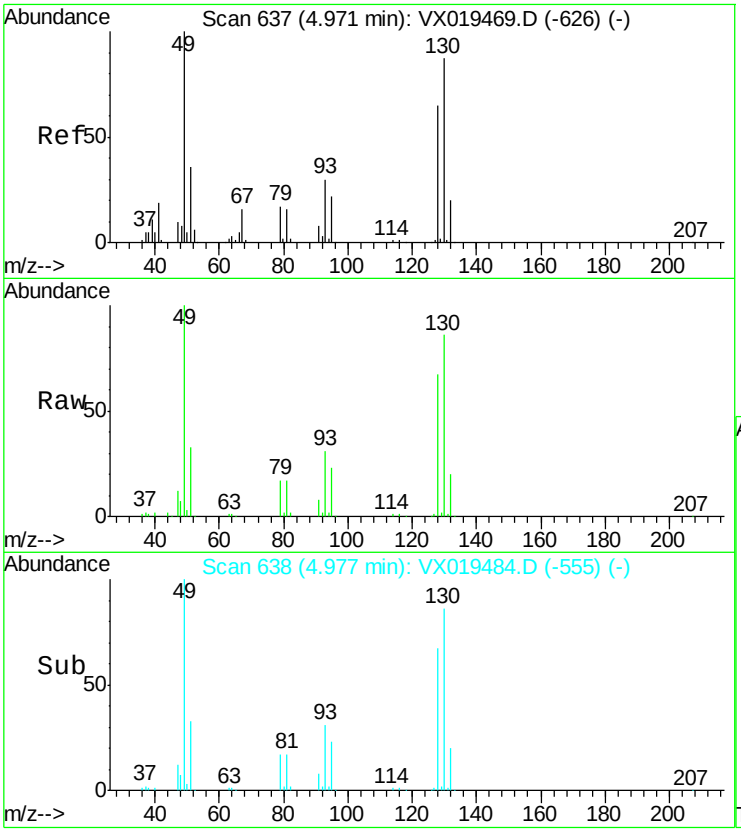
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019484.D
Acq On : 19 Nov 2020 22:23
Operator : JC/MD
Sample : L4834-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Quant Time: Nov 20 01:39:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration



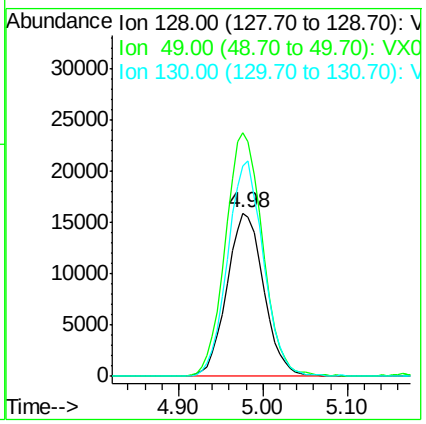


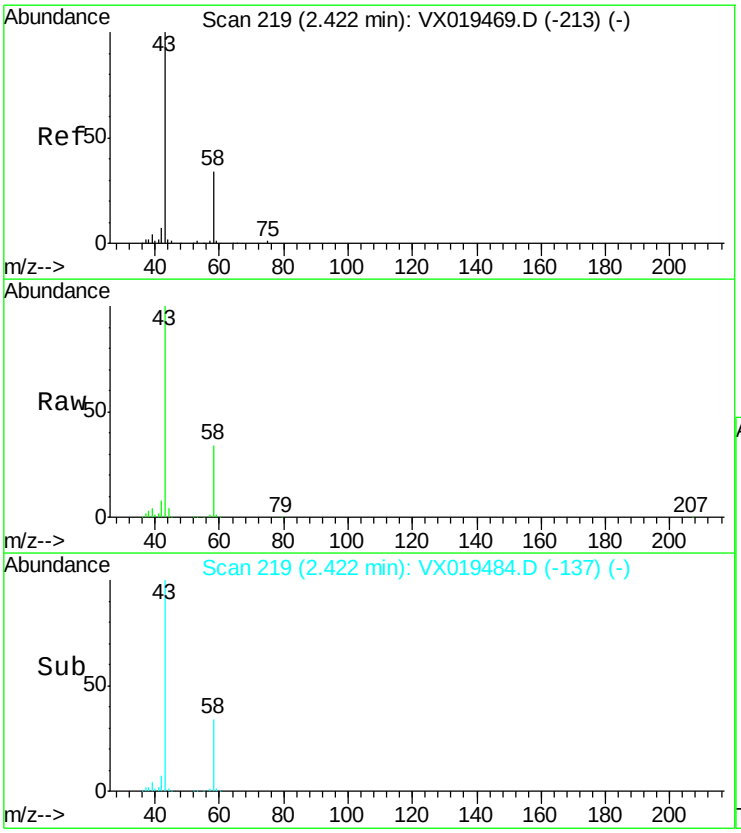
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion:128 Resp: 47265

Ion	Ratio	Lower	Upper
128	100		
49	151.1	0.0	377.8
130	128.8	0.0	324.0

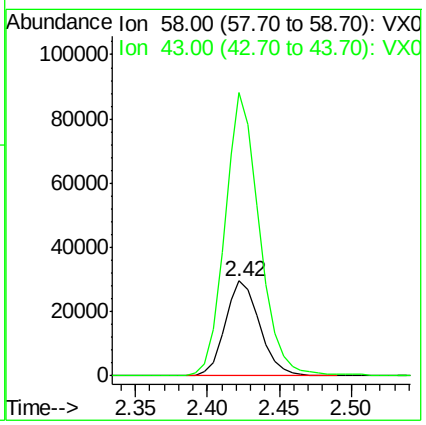


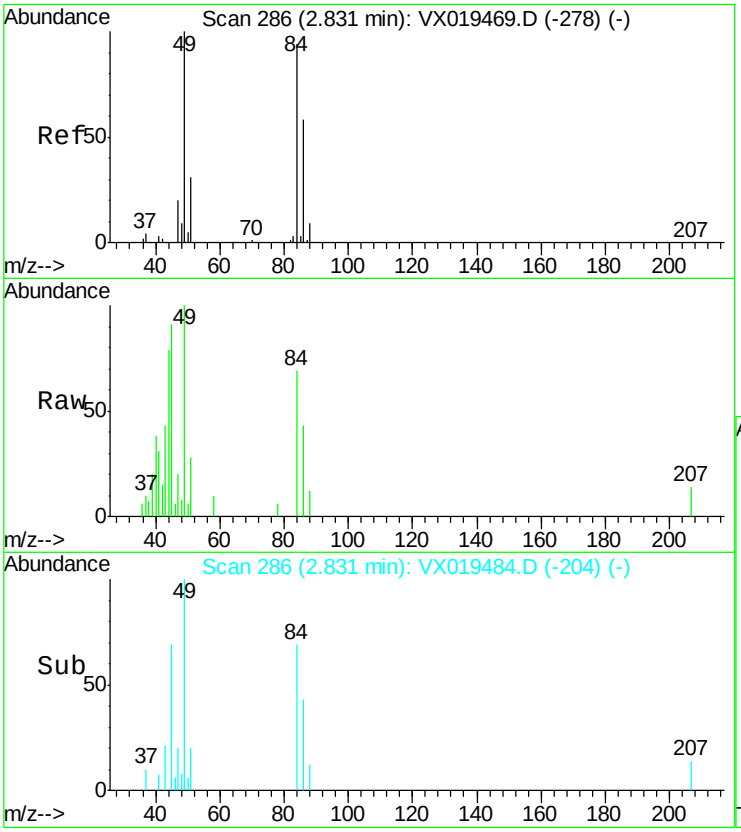


#15
Acetone
Concen: 112.235 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 58 Resp: 49875

Ion	Ratio	Lower	Upper
58	100		
43	297.7	236.3	354.5



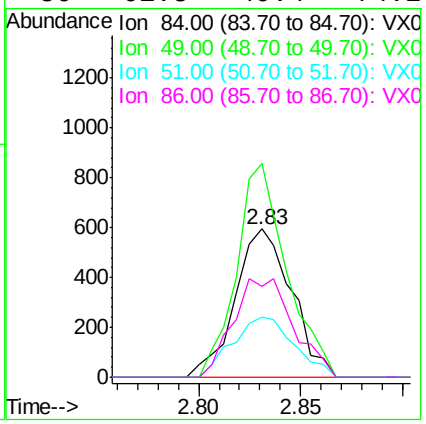


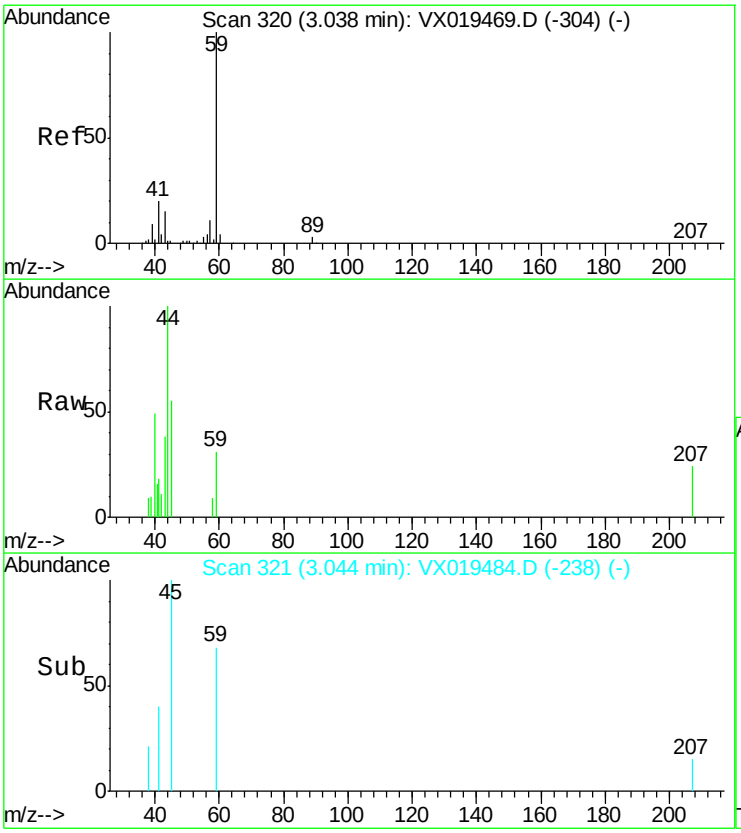
#18
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001

Tgt Ion: 84 Resp: 1142

Ion	Ratio	Lower	Upper
84	100		
49	144.3	85.4	128.0#
51	40.2	26.7	40.1#
86	61.8	49.4	74.2

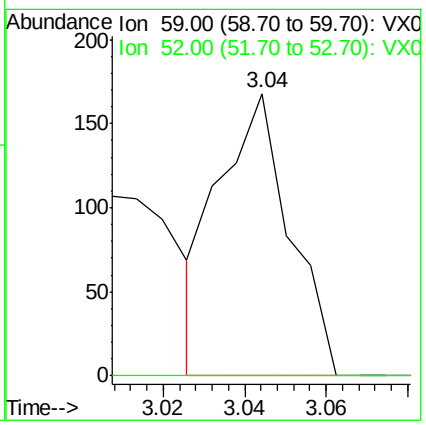


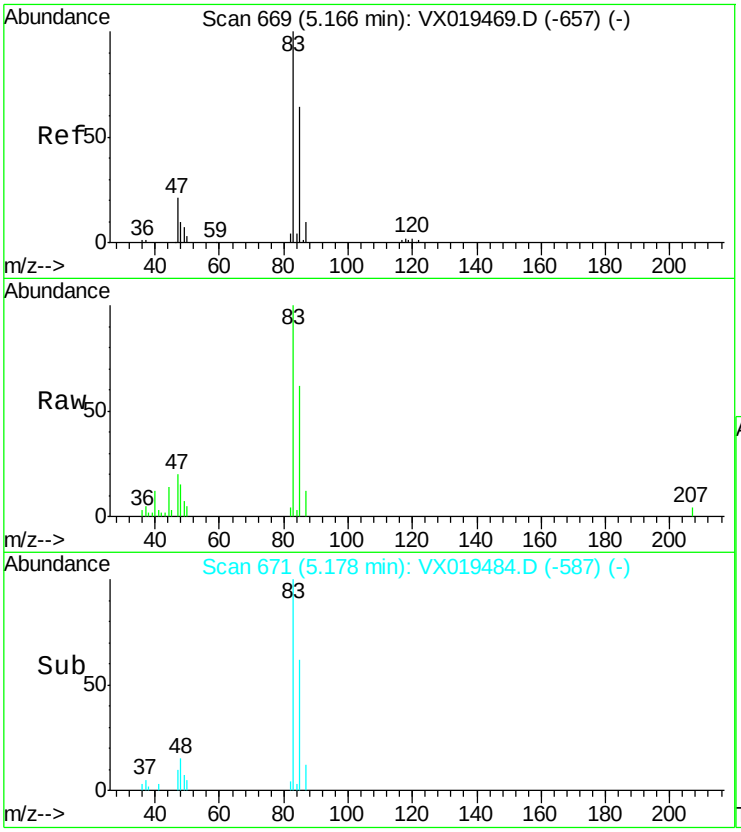


#23
tert-Butyl Alcohol
Concen: 0.310 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 59 Resp: 204

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#



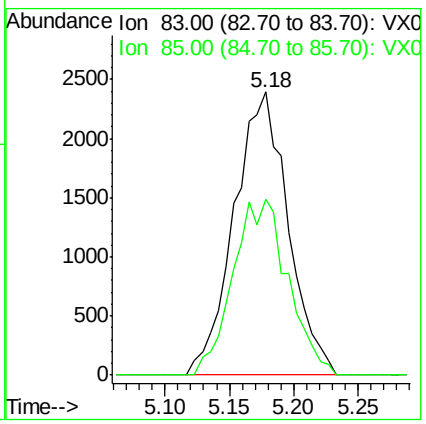


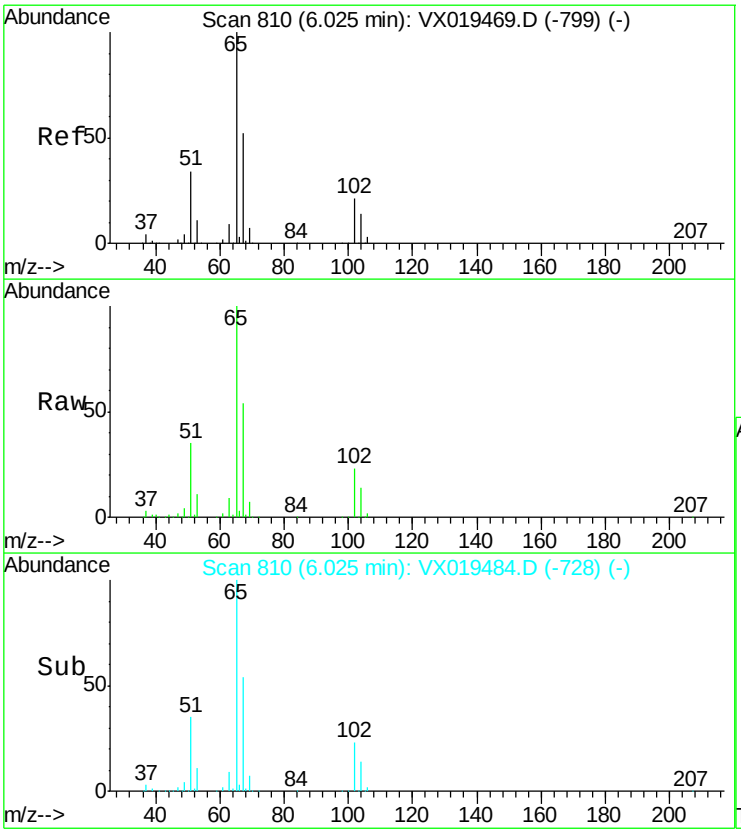
#25
Chloroform
Concen: 1.290 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion: 83 Resp: 6965

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.0

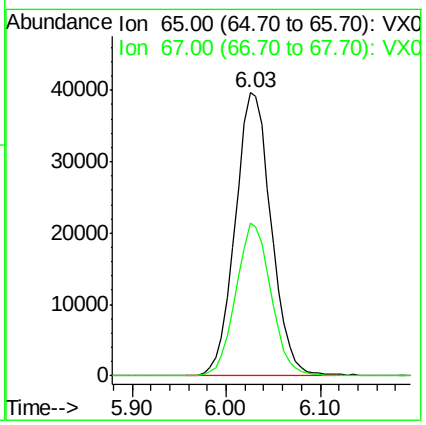


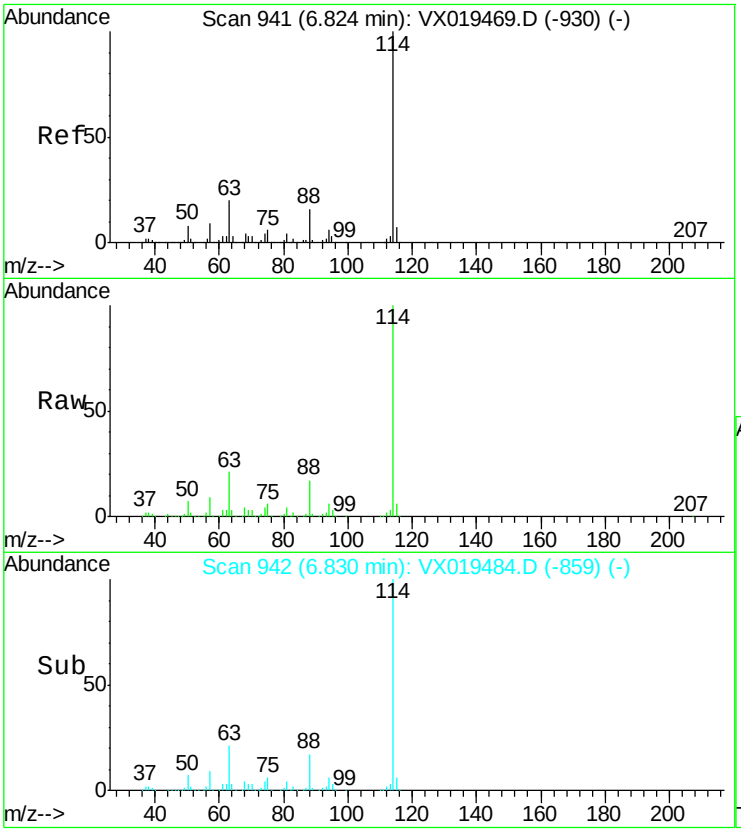


#27
1,2-Dichloroethane-d4
Concen: 31.036 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 65 Resp: 105431

Ion	Ratio	Lower	Upper
65	100		
67	52.6	42.2	63.2



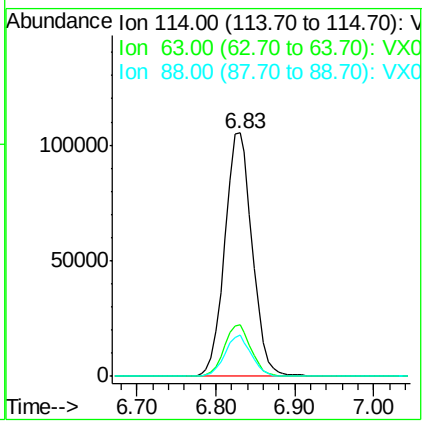


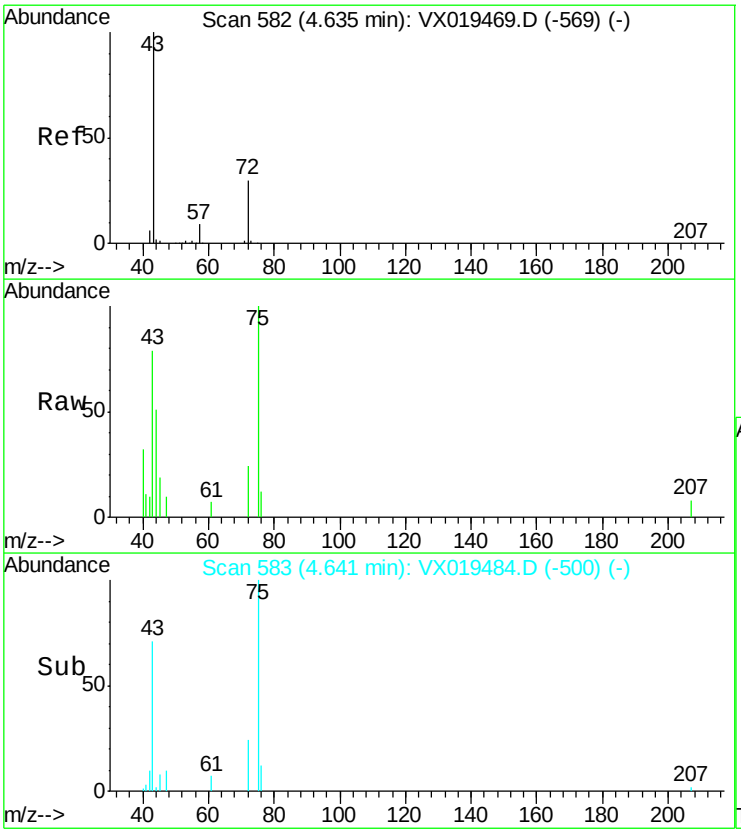
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion:114 Resp: 254766

Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.2	24.2
88	16.2	12.9	19.3

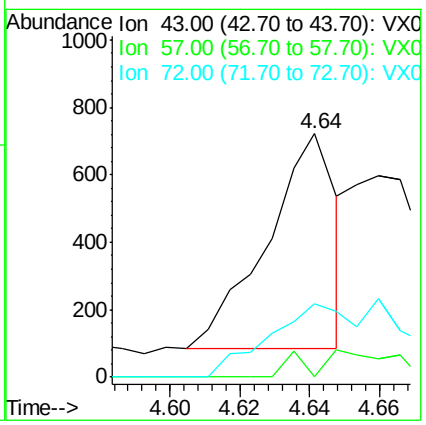


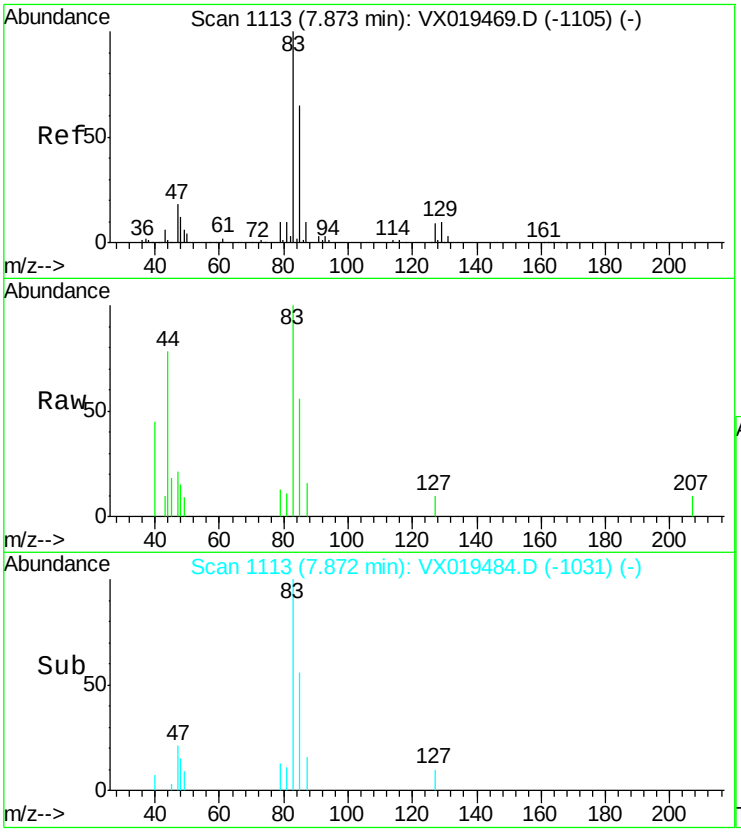


#30
2-Butanone
Concen: 0.445 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.4	11.0
72	41.8	24.2	36.2#



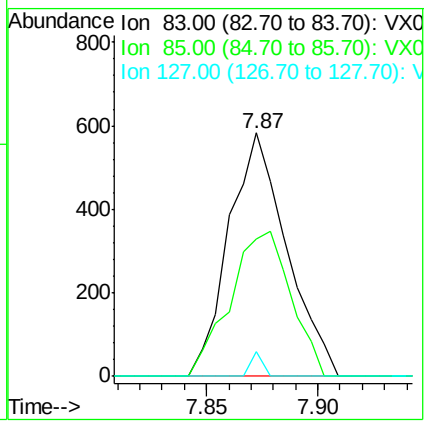


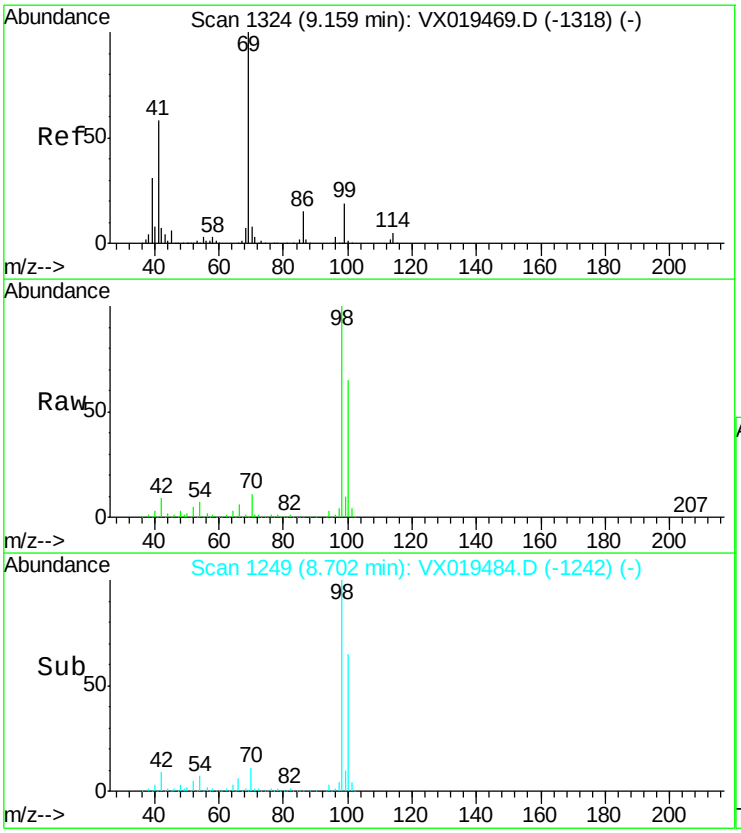
#41
Bromodichloromethane
Concen: 0.256 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion: 83 Resp: 1052

Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.7	77.5
127	10.5	7.0	10.6

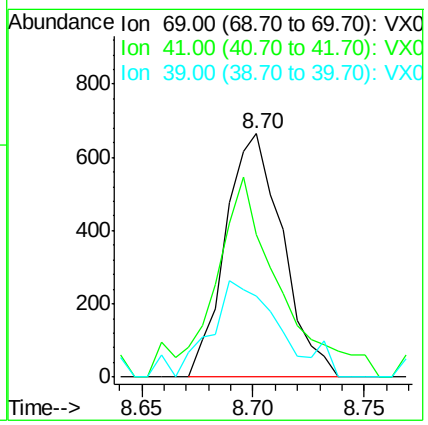


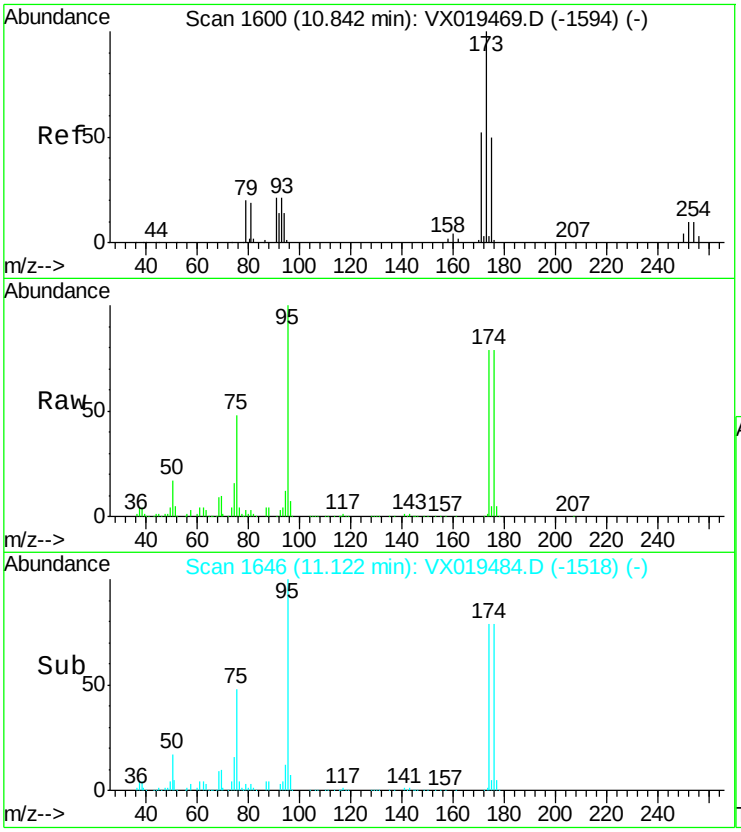


#51
Ethyl methacrylate
Concen: 0.265 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. -0.46 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 69 Resp: 1186

Ion	Ratio	Lower	Upper
69	100		
41	47.8	29.0	87.1
39	33.1	15.4	46.4



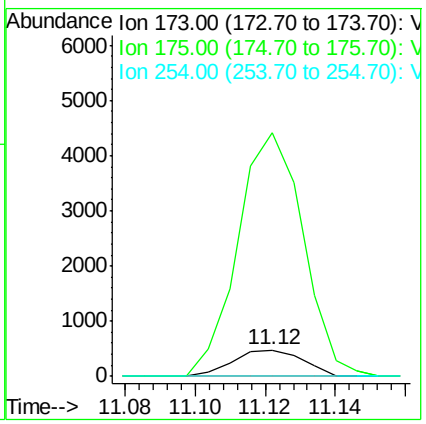


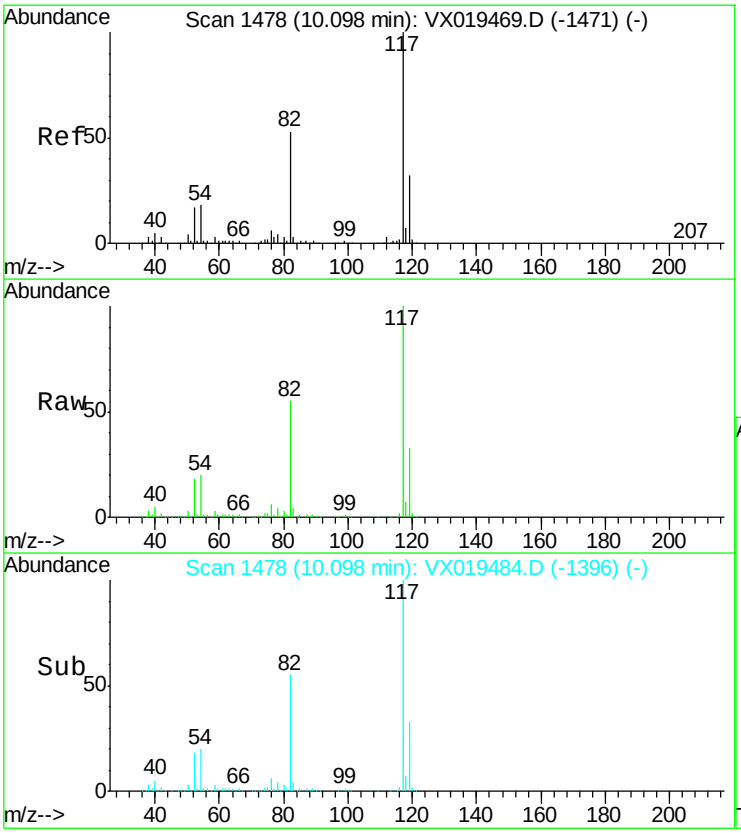
#56
Bromoform
Concen: 0.301 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.28 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion:173 Resp: 665

Ion	Ratio	Lower	Upper
173	100		
175	861.7	39.7	59.5#
254	0.0	8.0	12.0#

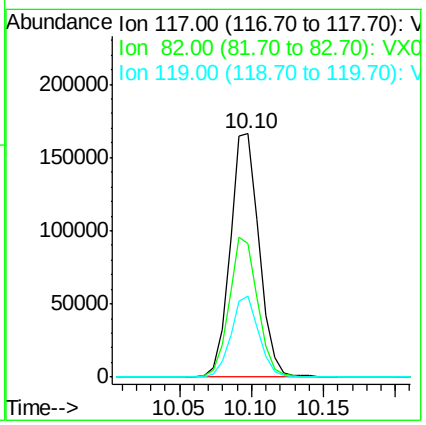


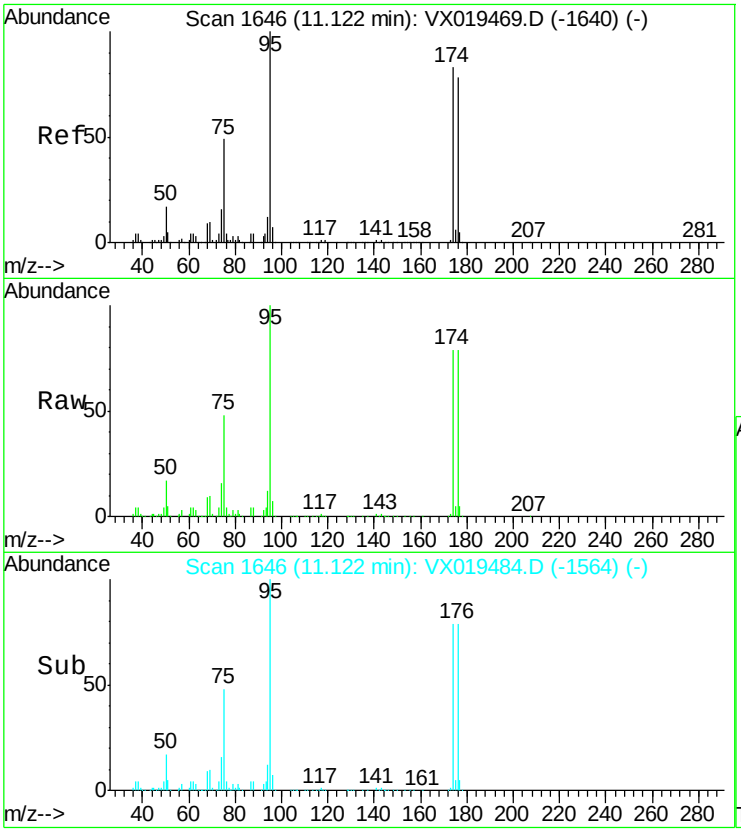


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion:117 Resp: 233566

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.1	25.9	38.9



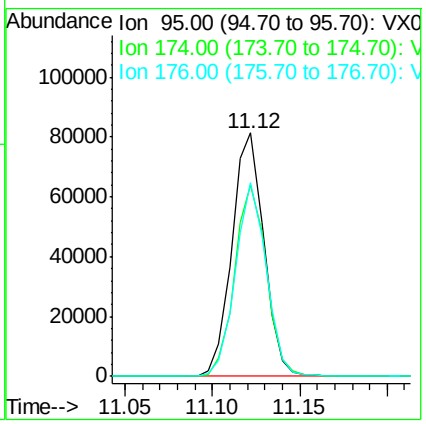


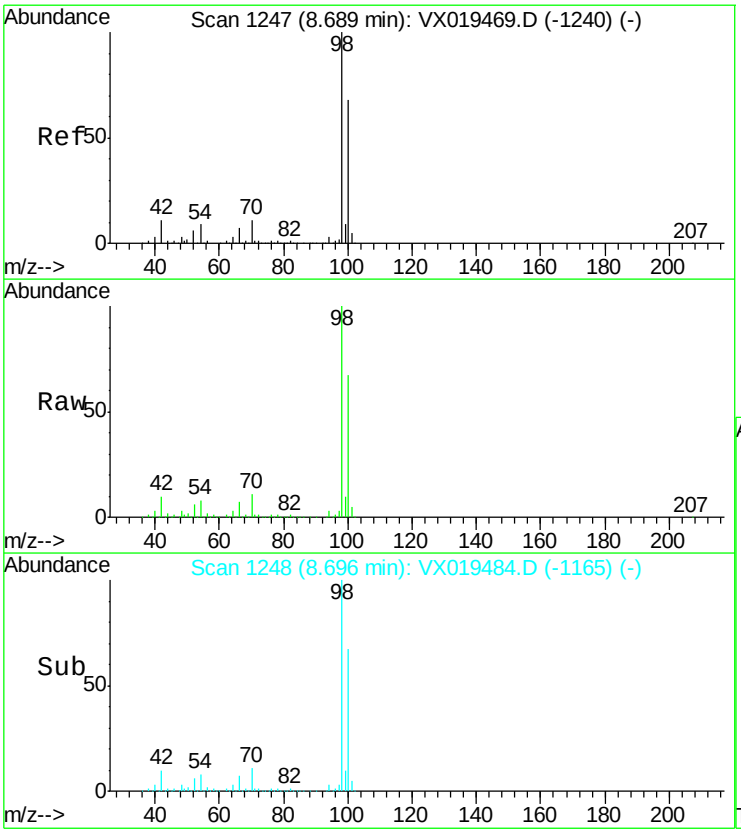
#60
4-Bromofluorobenzene
Concen: 27.242 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion: 95 Resp: 103768

Ion	Ratio	Lower	Upper
95	100		
174	77.8	63.5	95.3
176	76.8	59.8	89.6

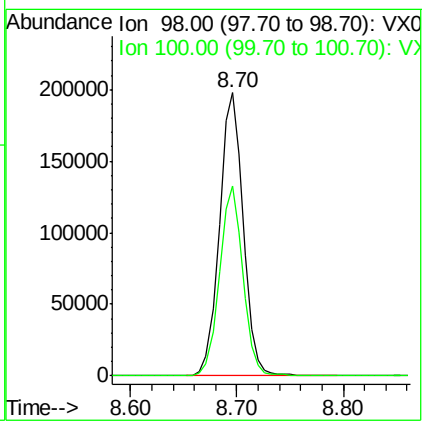


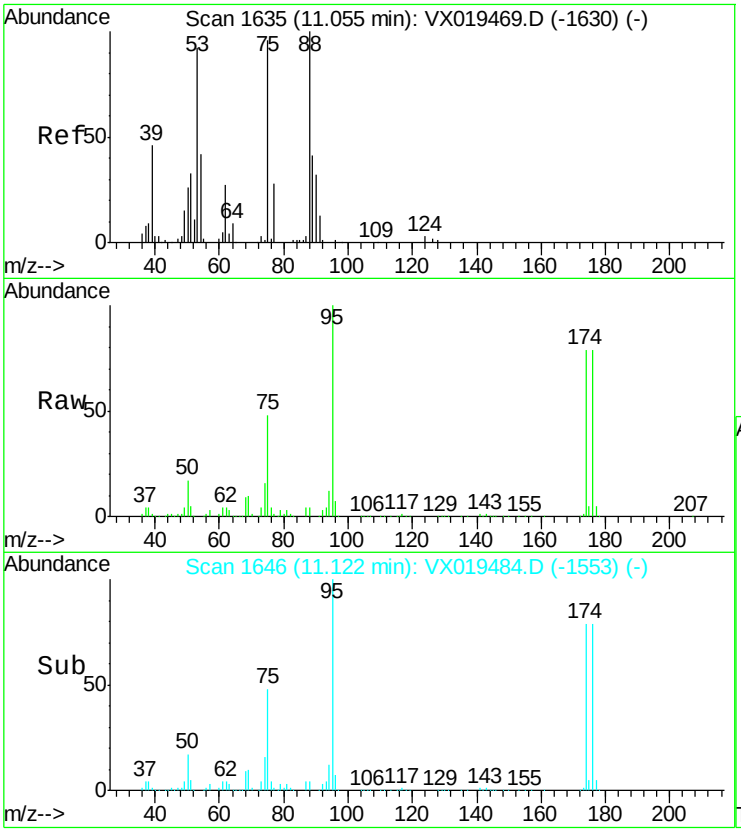


#63
Toluene-d8
Concen: 29.608 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 98 Resp: 308254

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.6	80.4





#77
t-1,4-Dichloro-2-butene
Concen: 34.881 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion: 75 Resp: 50545

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.9	143.6#
89	0.0	21.4	64.2#