Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121418\
Data File : VN052882.D
Acq On : 14 Dec 2018 12:09
Operator : MD\SY
Sample : J6401-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002-1211-SEWER-OUTFALL-002

Quant Time: Dec 17 15:12:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	156308	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	905169	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	763479	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	311586	29.26	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.53%			
60) 4-Bromofluorobenzene	12.40	95	329855	28.26	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.20%			
63) Toluene-d8	10.09	98	1034602	29.23	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.43%			
Target Compounds						Qvalue
15) Acetone	3.82	58	128337	156.163	ug/l	97
25) Chloroform	7.37	83	60615	3.432	ug/l	95
41) Bromodichloromethane	9.40	83	13987	1.052	ug/l	100
53) Dibromochloromethane	10.90	129	3325	0.354	ug/l	93

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

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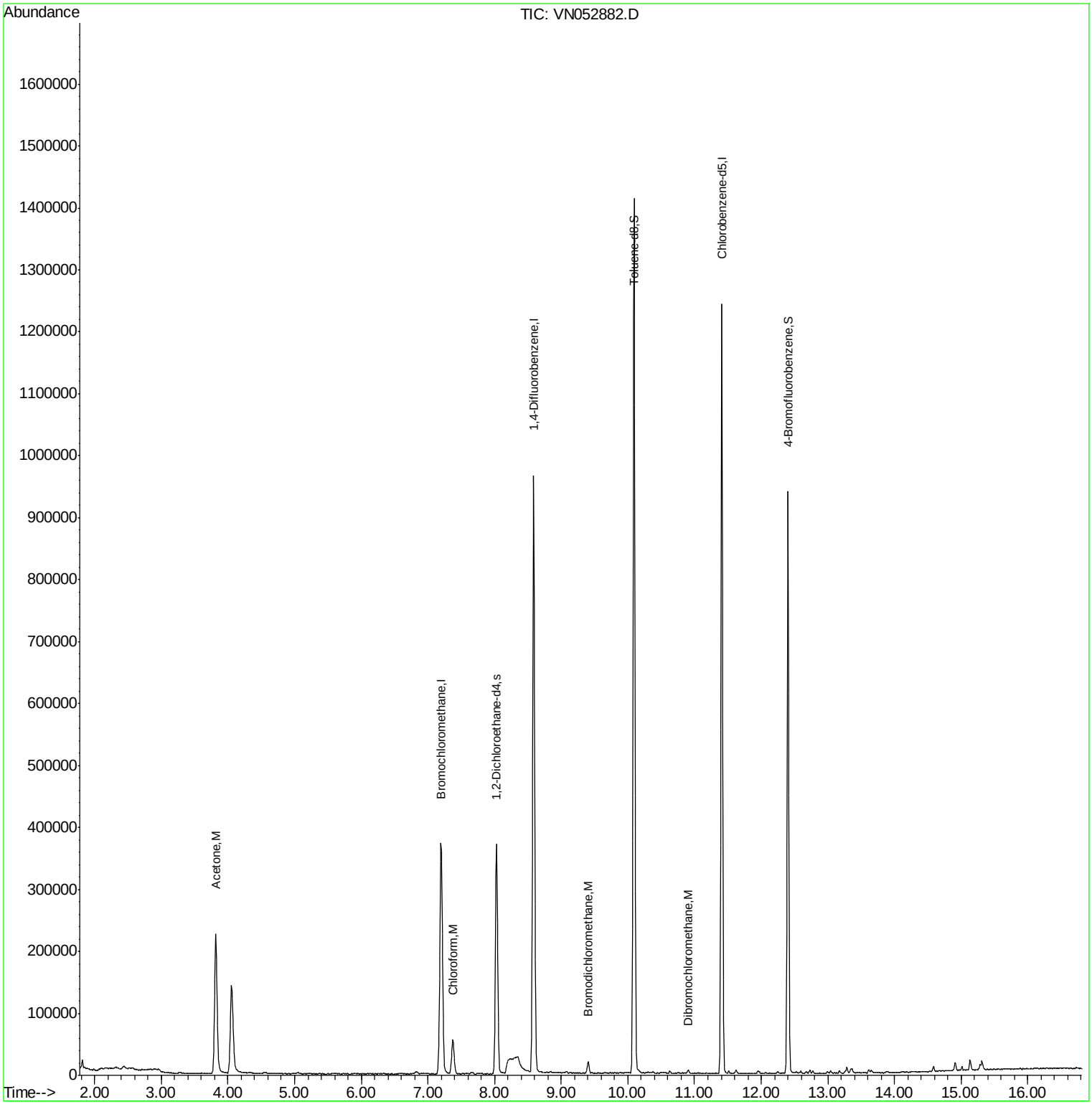
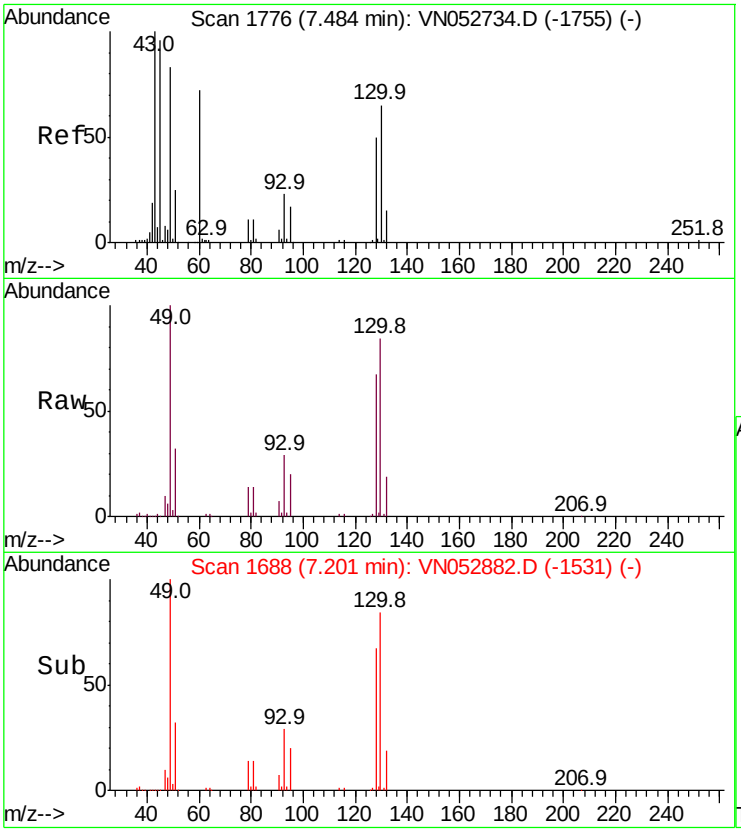


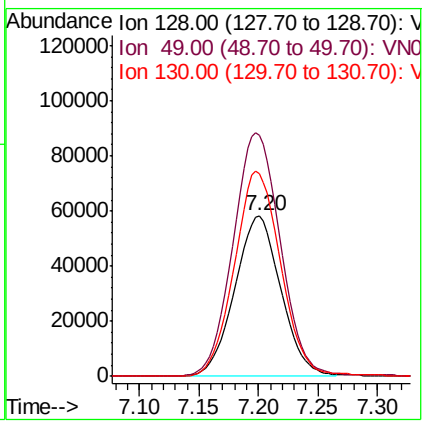


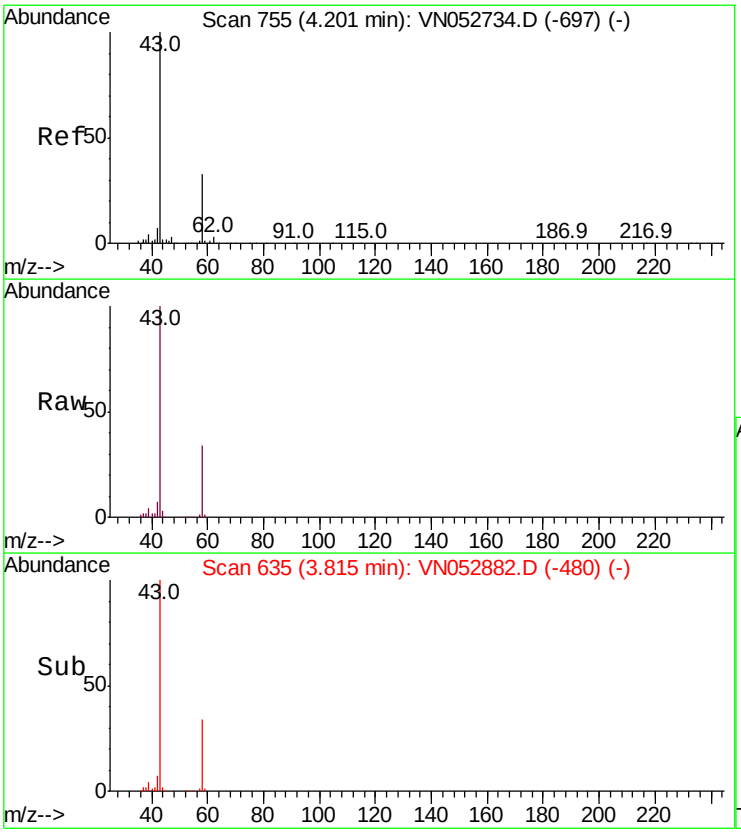
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Instrument :
MSVOA_N
ClientSampleId :
002-1211-SEWER-OUTFALL-002

Tgt Ion:128 Resp: 156308

Ion	Ratio	Lower	Upper
128	100		
49	156.0	0.0	431.8
130	128.9	0.0	317.0

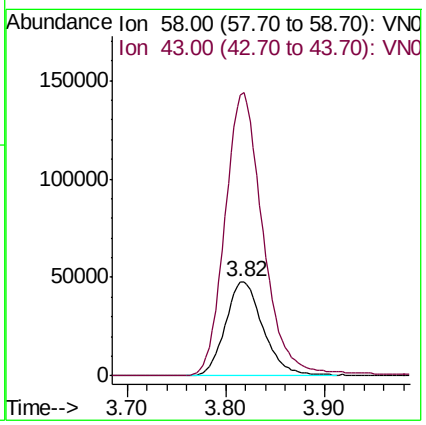


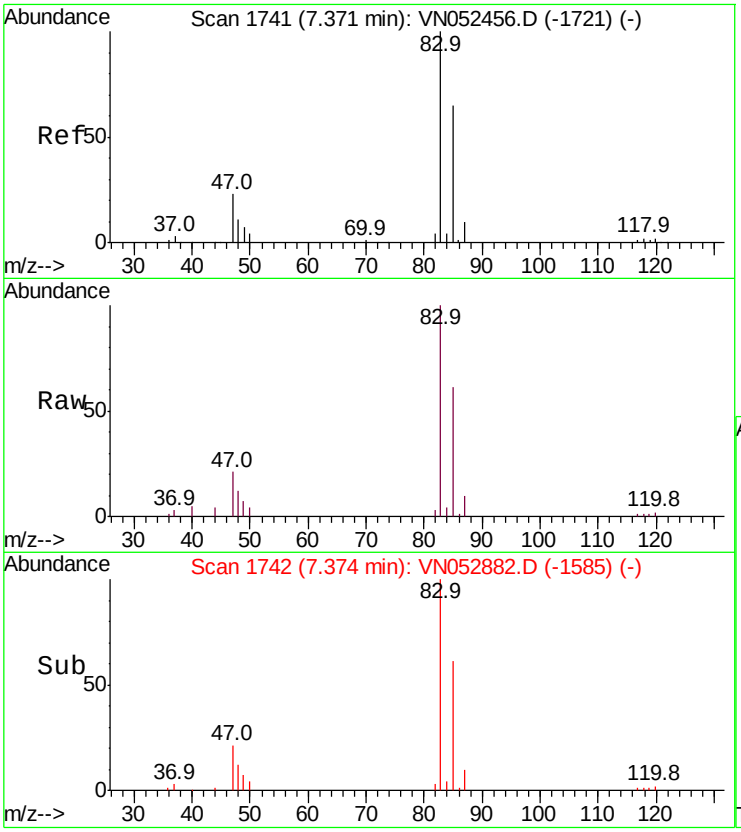


#15
Acetone
Concen: 156.163 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Tgt Ion: 58 Resp: 128337

Ion	Ratio	Lower	Upper
58	100		
43	297.6	243.6	365.4



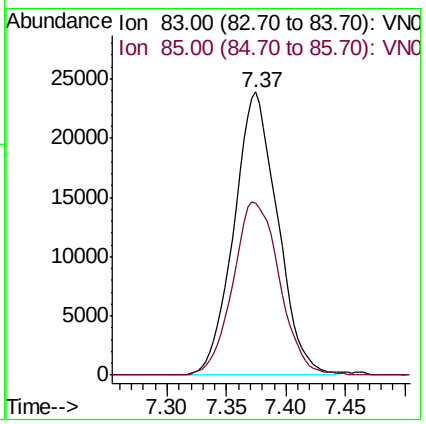


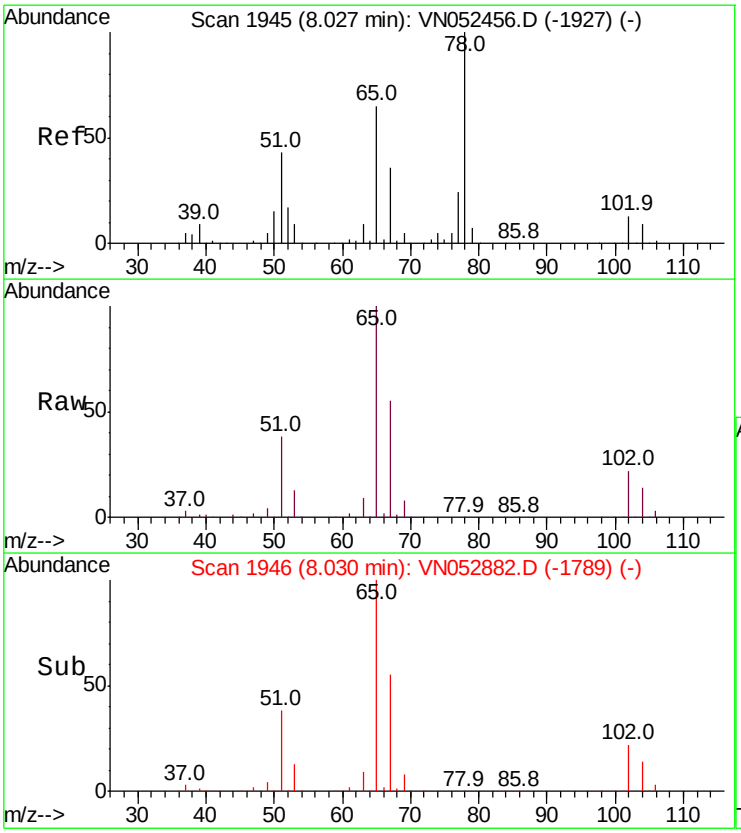
#25
Chloroform
Concen: 3.432 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Instrument :
MSVOA_N
ClientSampleId :
002-1211-SEWER-OUTFALL-002

Tgt Ion: 83 Resp: 60615

Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.7	77.5

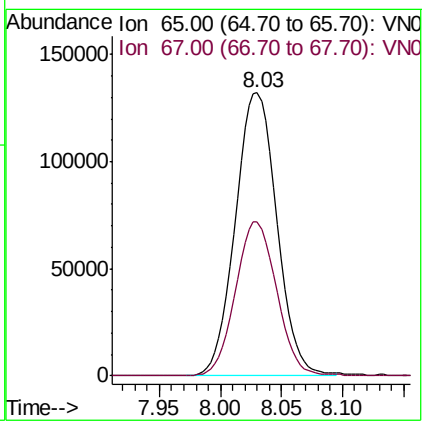


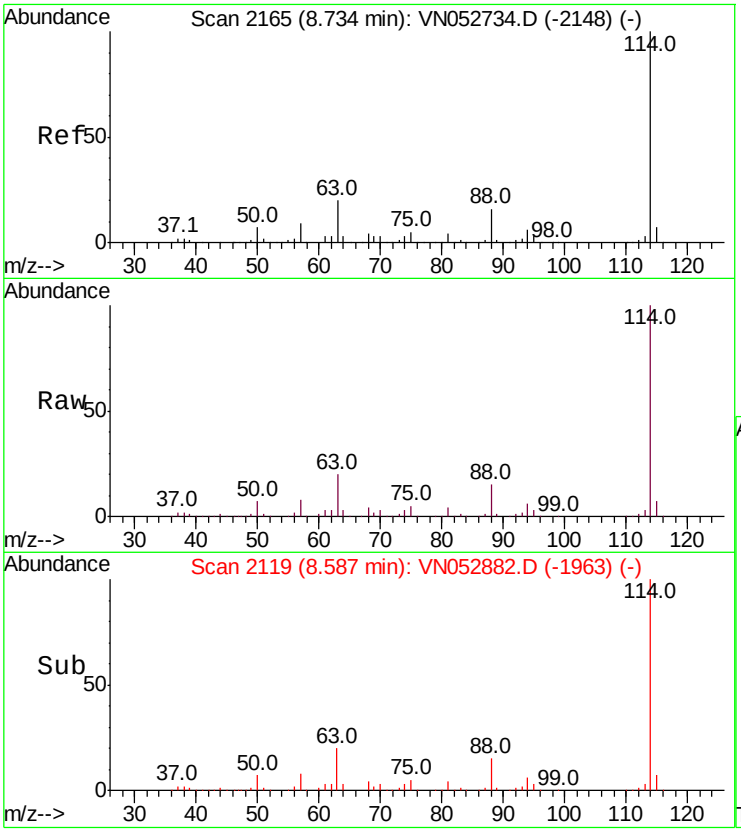


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Tgt Ion: 65 Resp: 311586

Ion	Ratio	Lower	Upper
65	100		
67	54.2	44.6	66.8



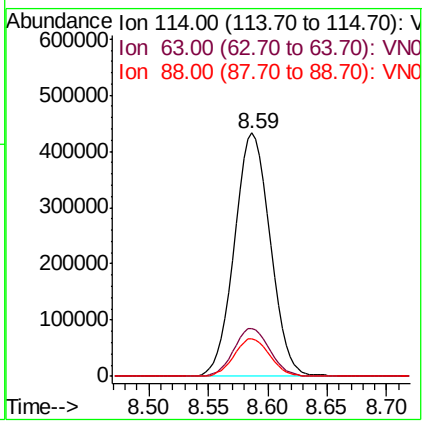


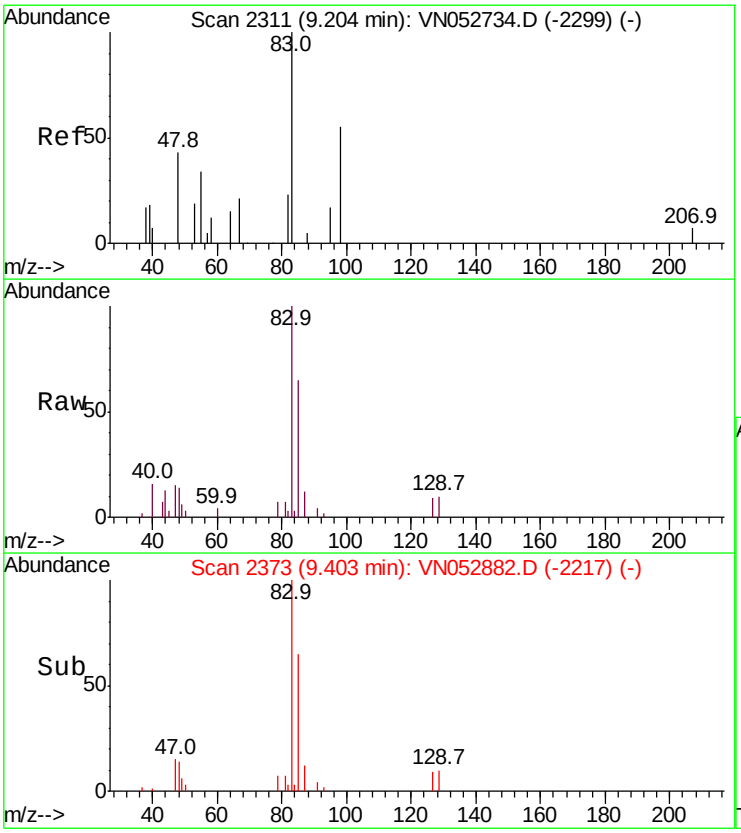
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Instrument :
MSVOA_N
ClientSampleId :
002-1211-SEWER-OUTFALL-002

Tgt Ion:114 Resp: 905169

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.9	25.3
88	15.4	12.8	19.2

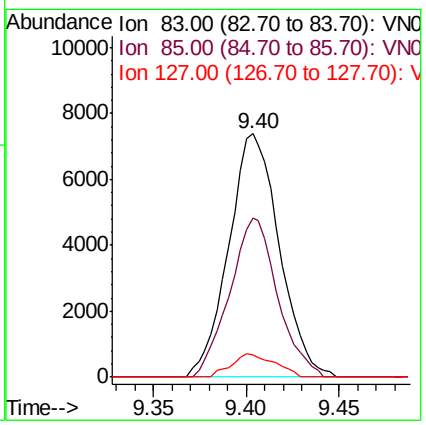


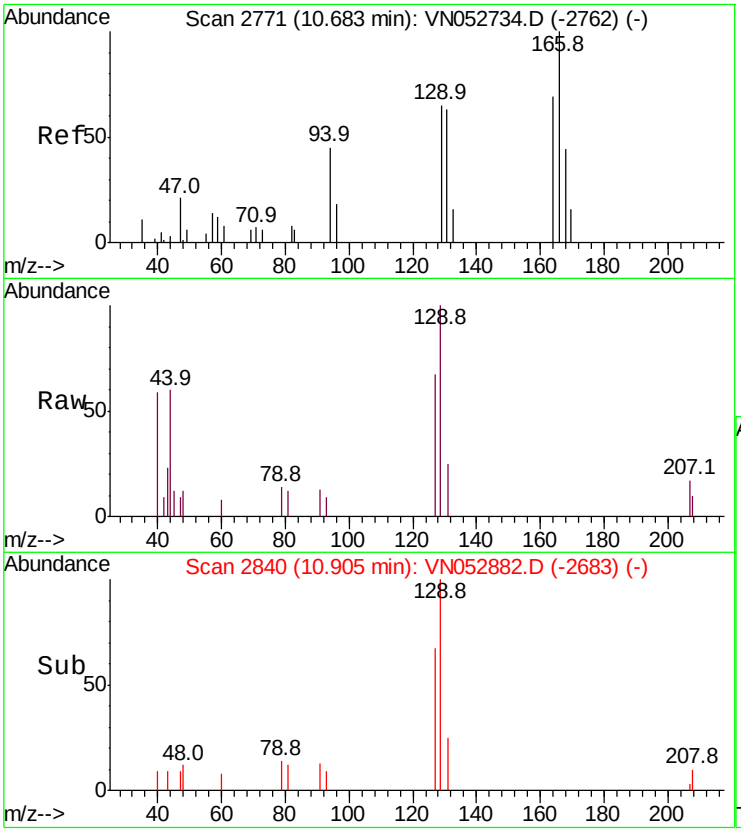


#41
Bromodichloromethane
Concen: 1.052 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Tgt Ion: 83 Resp: 13987

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6
127	9.2	6.6	9.8



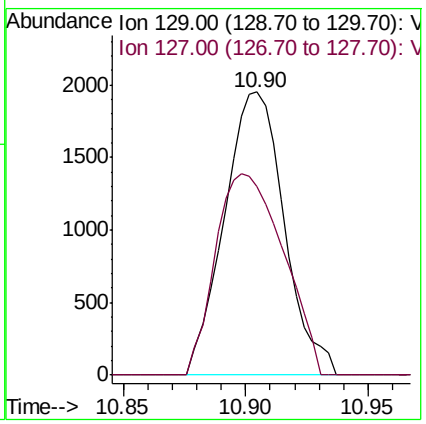


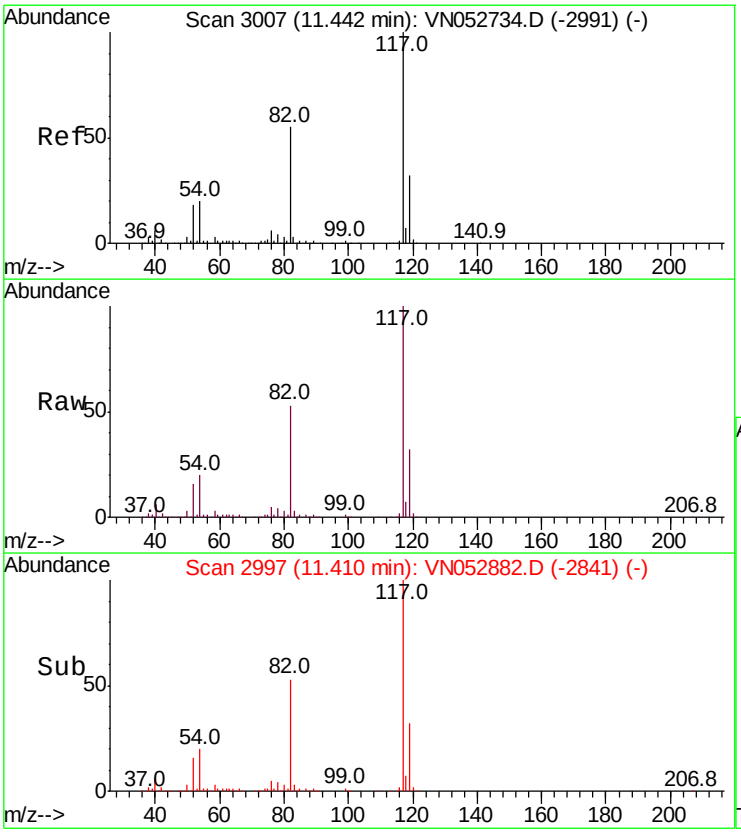
#53
Dibromochloromethane
Concen: 0.354 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Instrument :
MSVOA_N
ClientSampleId :
002-1211-SEWER-OUTFALL-002

Tgt Ion:129 Resp: 3325

Ion	Ratio	Lower	Upper
129	100		
127	80.9	37.6	112.8

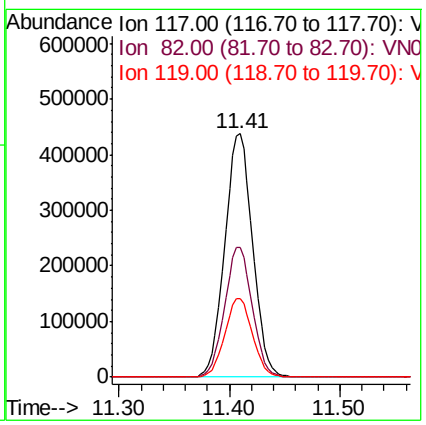


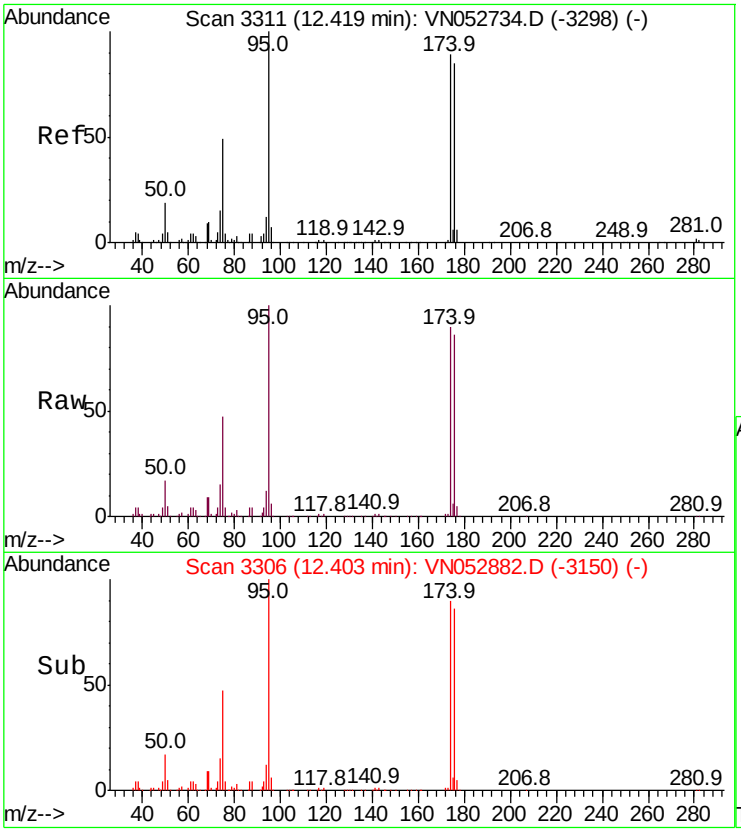


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Tgt Ion:117 Resp: 763479

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.2	66.2
119	32.2	25.4	38.2



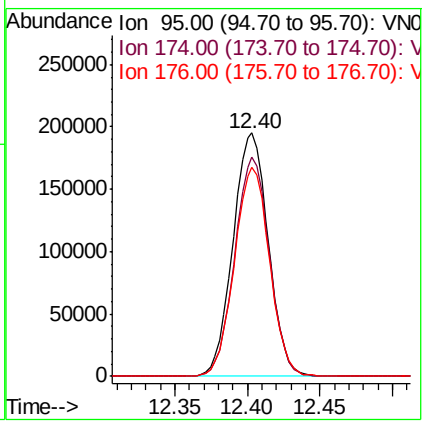


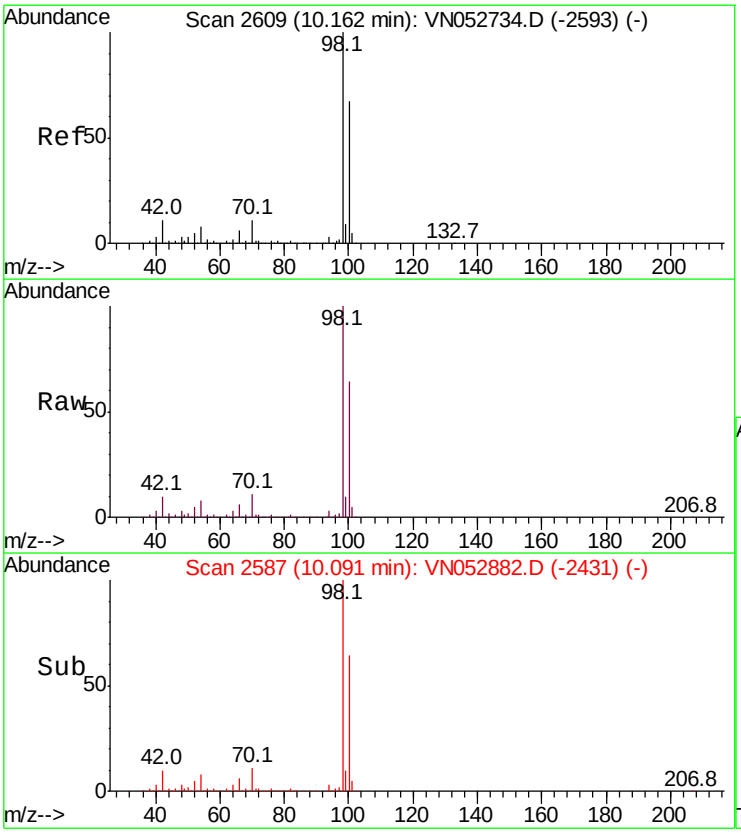
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Instrument :
MSVOA_N
ClientSampleId :
002-1211-SEWER-OUTFALL-002

Tgt Ion: 95 Resp: 329855

Ion	Ratio	Lower	Upper
95	100		
174	88.6	67.9	101.9
176	85.5	66.4	99.6





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052882.D
Acq: 14 Dec 2018 12:09

Tgt Ion: 98 Resp: 1034602

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7