Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051970.D
Acq On : 23 Oct 2018 18:39
Operator : MD\SY
Sample : J5643-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-(SEP)

Quant Time: Oct 24 07:44:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	153758	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	829576	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	664177	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	281319	30.07	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.23%			
60) 4-Bromofluorobenzene	12.40	95	236225	24.66	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 82.20%			
63) Toluene-d8	10.09	98	906428	31.43	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.77%			
Target Compounds						Qvalue
12) Methyl Acetate	4.33	43	13654	3.106	ug/l	92
15) Acetone	3.82	58	17442	35.913	ug/l	96
25) Chloroform	7.37	83	97800	6.303	ug/l	99
41) Bromodichloromethane	9.40	83	7791	0.682	ug/l	85

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

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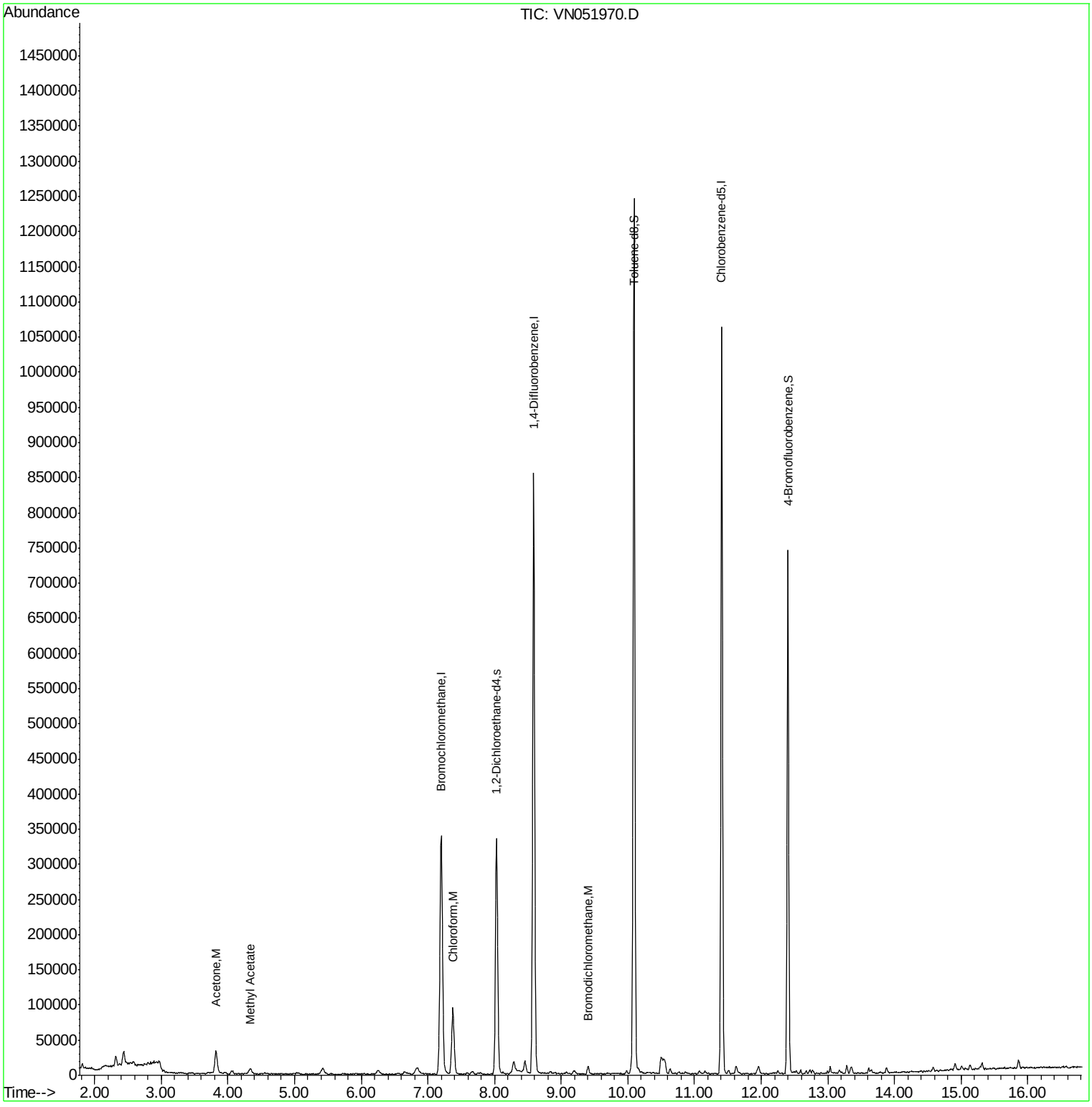
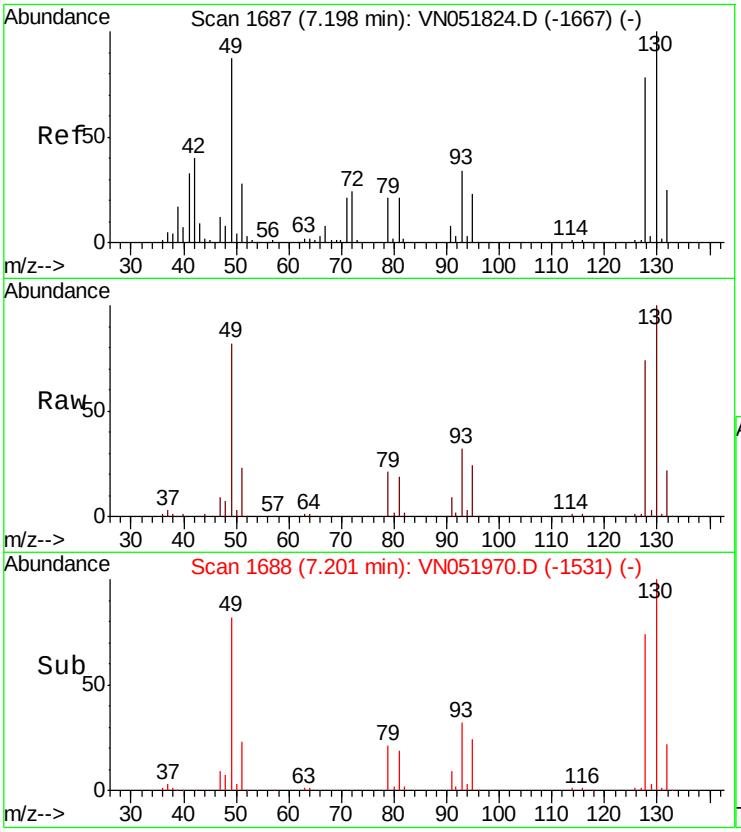


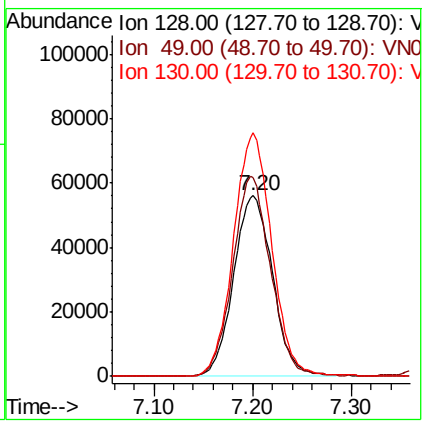


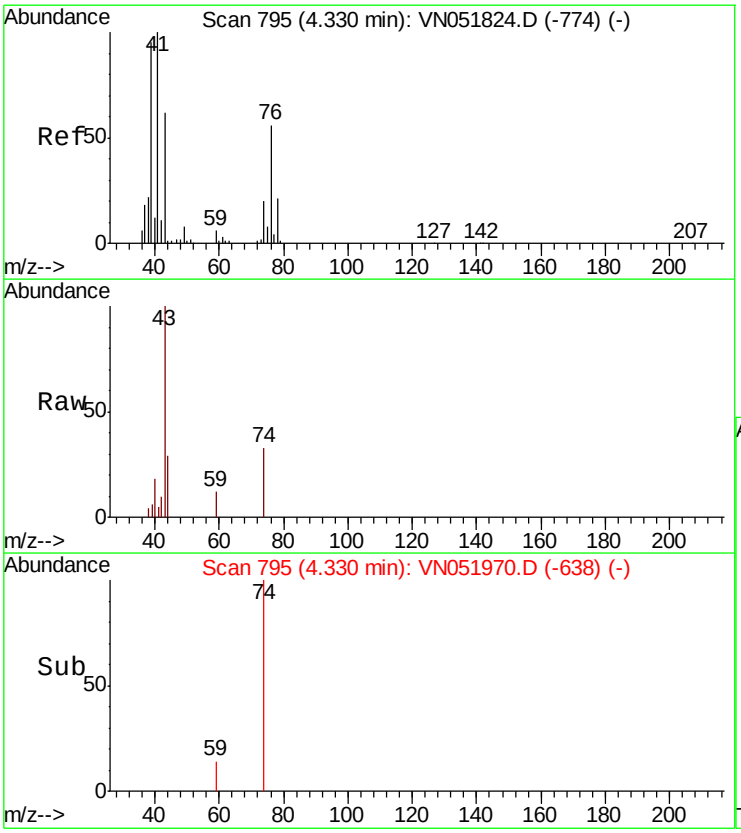
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tgt Ion:128 Resp: 153758

Ion	Ratio	Lower	Upper
128	100		
49	107.4	0.0	403.3
130	131.8	0.0	326.0

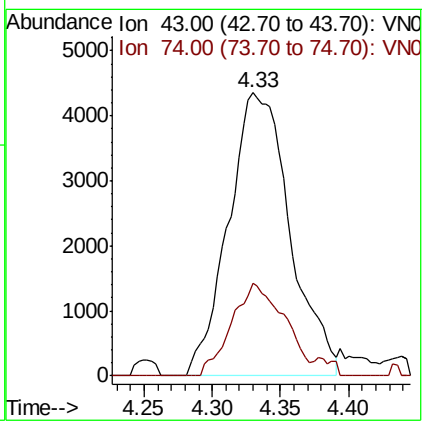


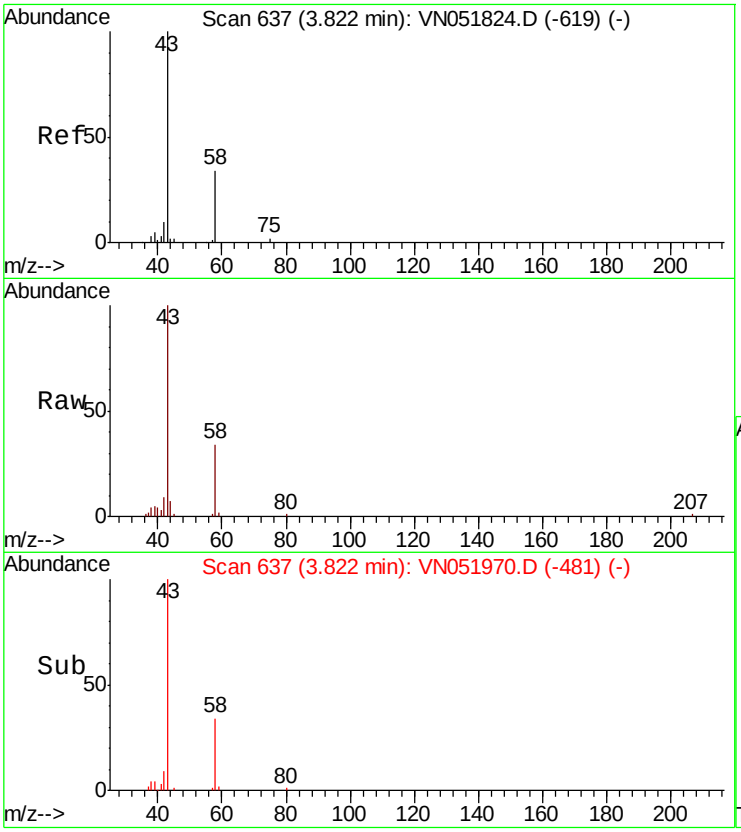


#12
Methyl Acetate
Concen: 3.106 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Tgt Ion: 43 Resp: 13654

Ion	Ratio	Lower	Upper
43	100		
74	31.2	21.8	32.6



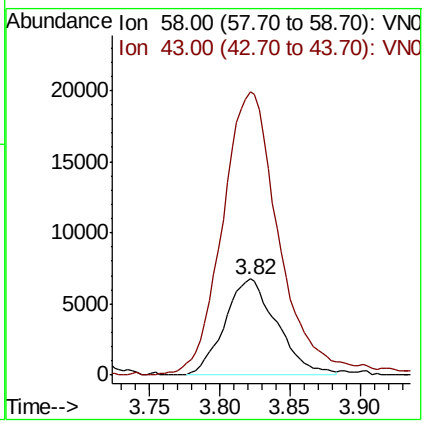


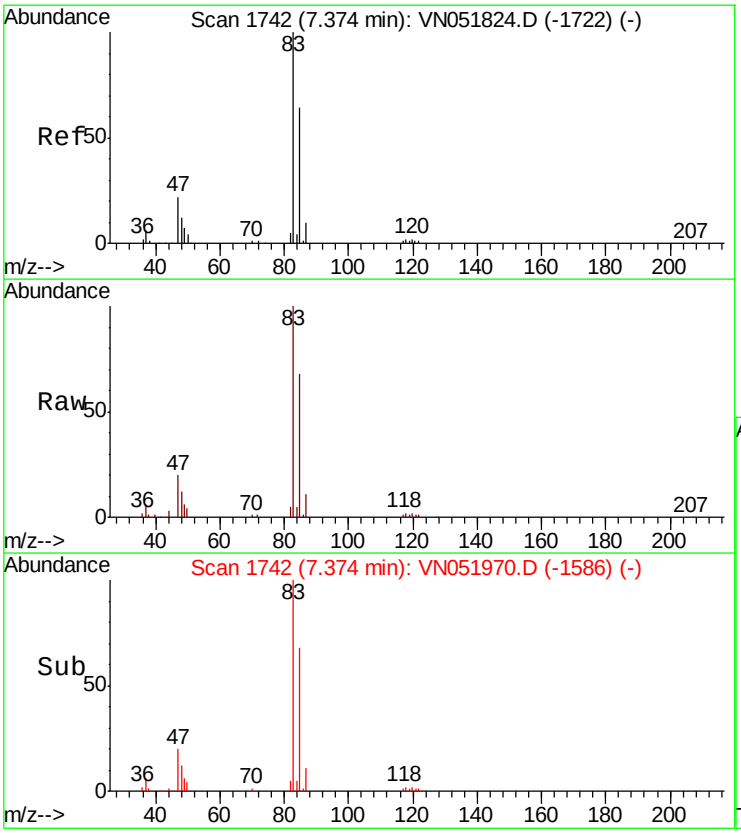
#15
Acetone
Concen: 35.913 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tgt Ion: 58 Resp: 17442

Ion	Ratio	Lower	Upper
58	100		
43	283.1	232.2	348.2

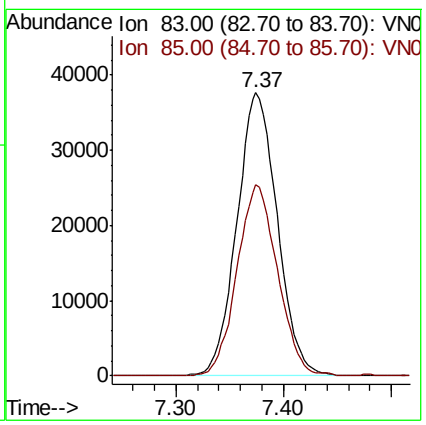


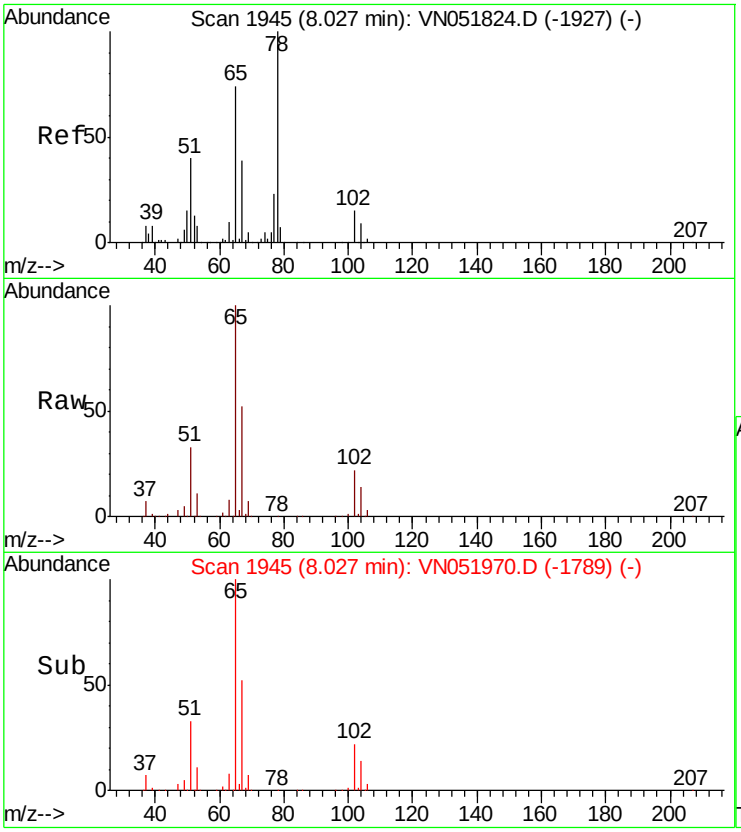


#25
Chloroform
Concen: 6.303 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Tgt Ion: 83 Resp: 97800

Ion	Ratio	Lower	Upper
83	100		
85	67.7	54.6	82.0



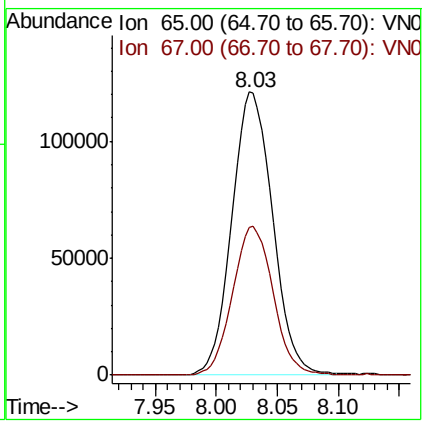


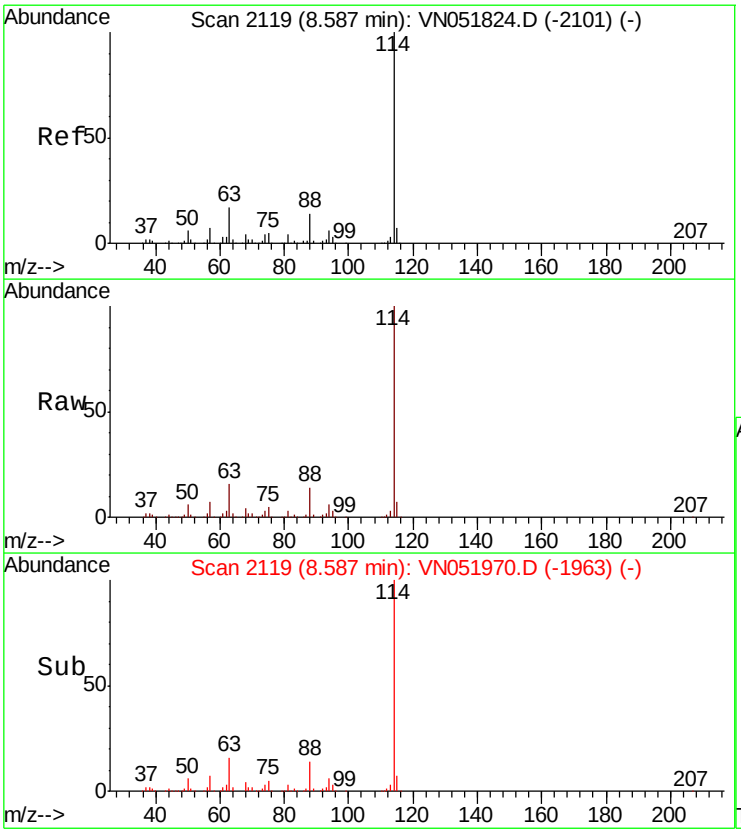
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tgt Ion: 65 Resp: 281319

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.8	62.8

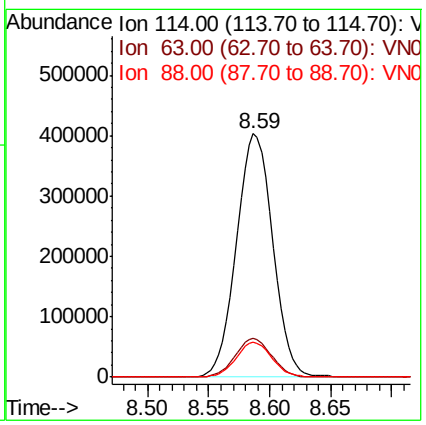


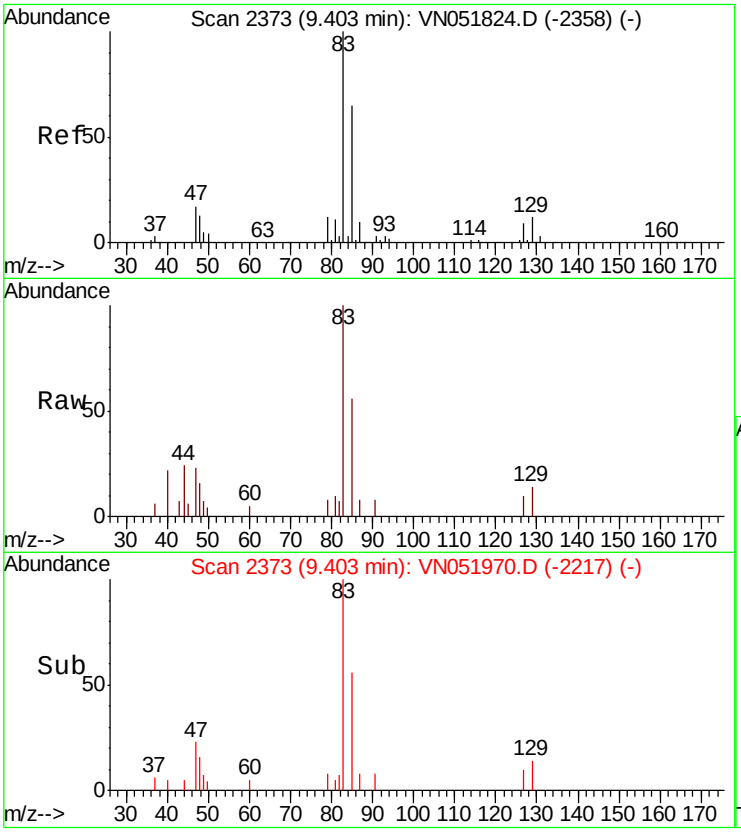


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Tgt Ion:114 Resp: 829576

Ion	Ratio	Lower	Upper
114	100		
63	15.9	16.2	24.2#
88	14.2	12.2	18.4



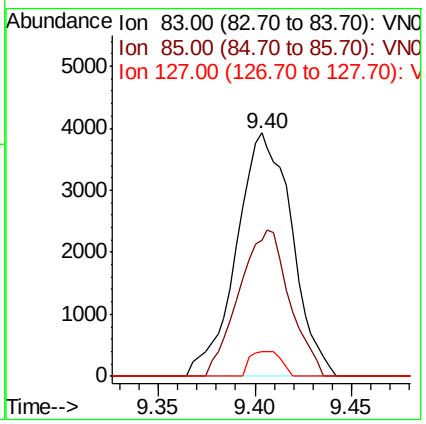


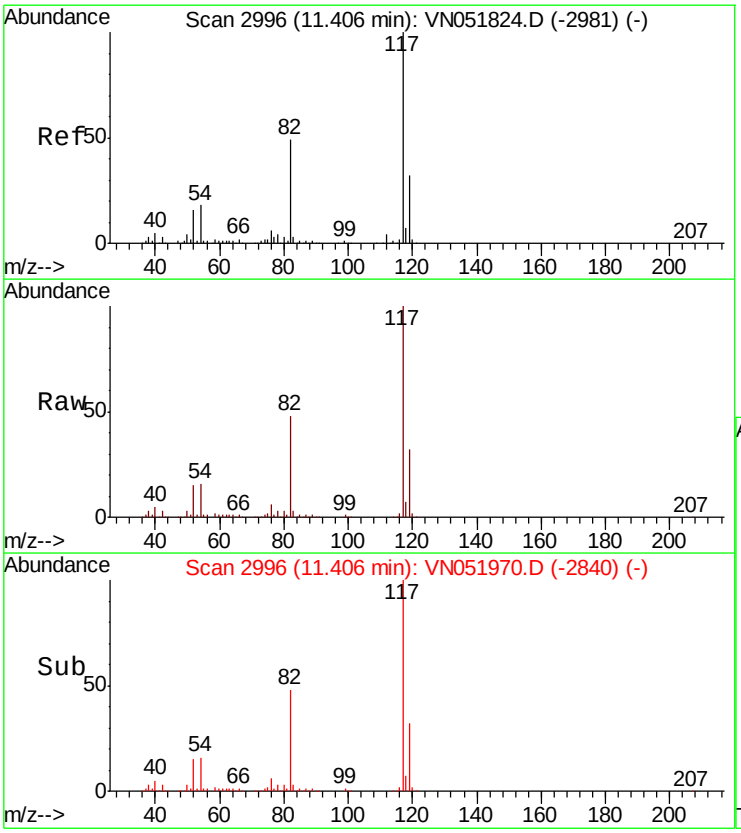
#41
Bromodichloromethane
Concen: 0.682 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tgt Ion: 83 Resp: 7791

Ion	Ratio	Lower	Upper
83	100		
85	56.0	55.7	83.5
127	10.1	8.2	12.4

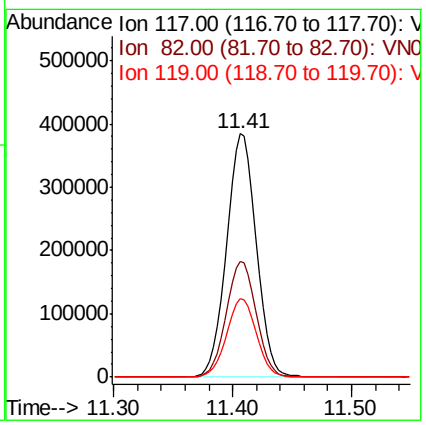


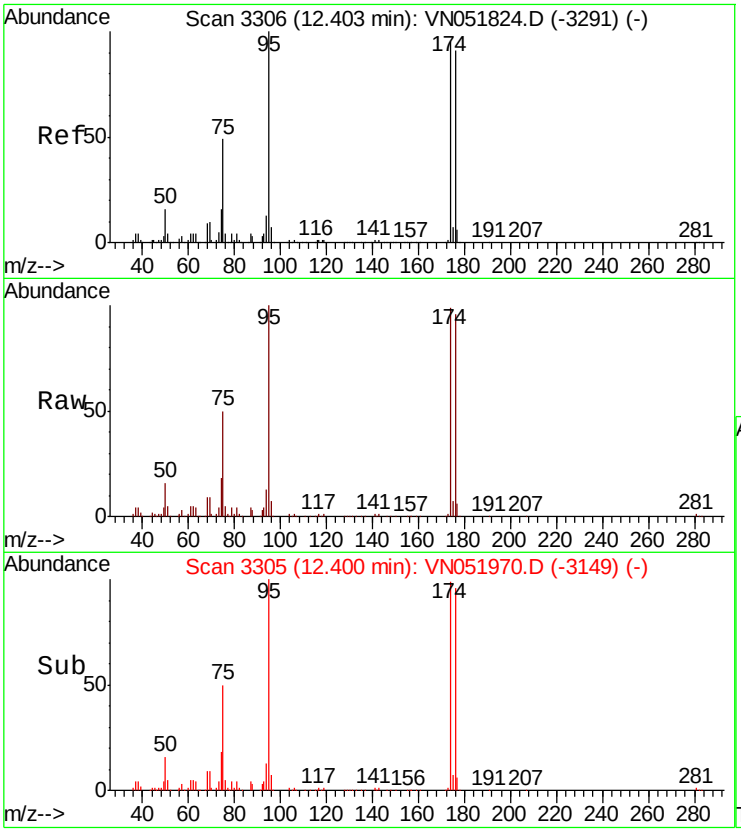


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Tgt Ion:117 Resp: 664177

Ion	Ratio	Lower	Upper
117	100		
82	48.0	44.1	66.1
119	32.3	25.8	38.8



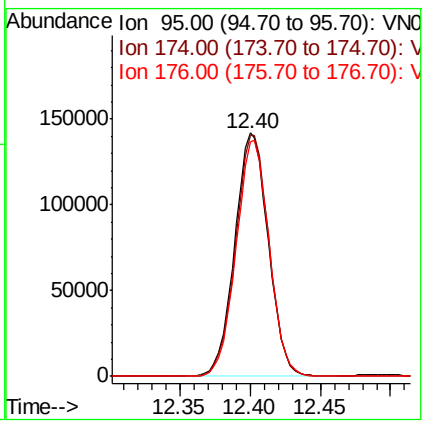


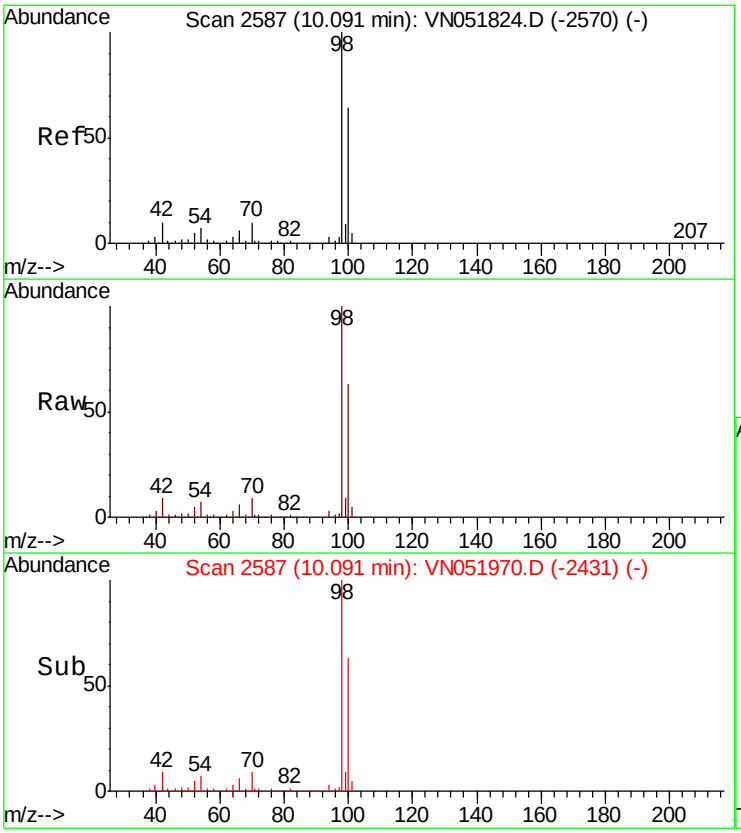
#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tgt Ion: 95 Resp: 236225

Ion	Ratio	Lower	Upper
95	100		
174	98.6	73.5	110.3
176	95.6	70.2	105.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051970.D
Acq: 23 Oct 2018 18:39

Tgt Ion: 98 Resp: 906428

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2