Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
Data File : VN052104.D
Acq On : 1 Nov 2018 15:49
Operator : MD\SY
Sample : J5788-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

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

Quant Time: Nov 02 09:30:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	56650	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	344539	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	302905	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	140117	33.33	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 111.10%			
60) 4-Bromofluorobenzene	12.40	95	134241	27.70	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.33%			
63) Toluene-d8	10.09	98	432847	30.39	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.30%			
Target Compounds						Qvalue
12) Methyl Acetate	4.33	43	55067	20.883	ug/l	95
15) Acetone	3.82	58	34364	124.339	ug/l	100
25) Chloroform	7.37	83	285835	42.143	ug/l	94
30) 2-Butanone	6.85	43	25234	17.322	ug/l #	97
41) Bromodichloromethane	9.40	83	21721	4.040	ug/l	92
69) Styrene	11.96	104	11060	1.018	ug/l	92

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

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MSVOA_N
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001M-WILLETS-PT-BLVD-(OCT)

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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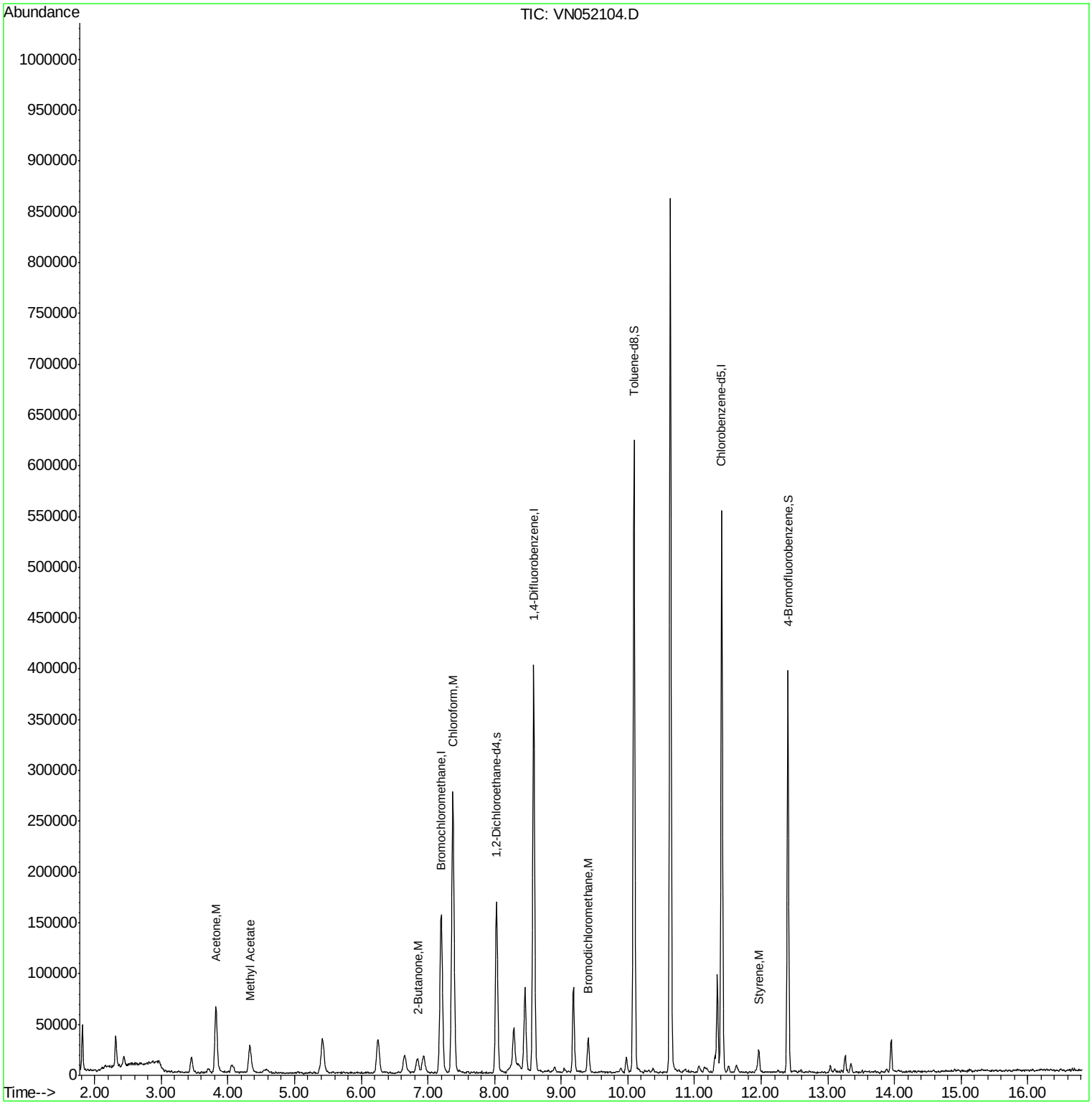
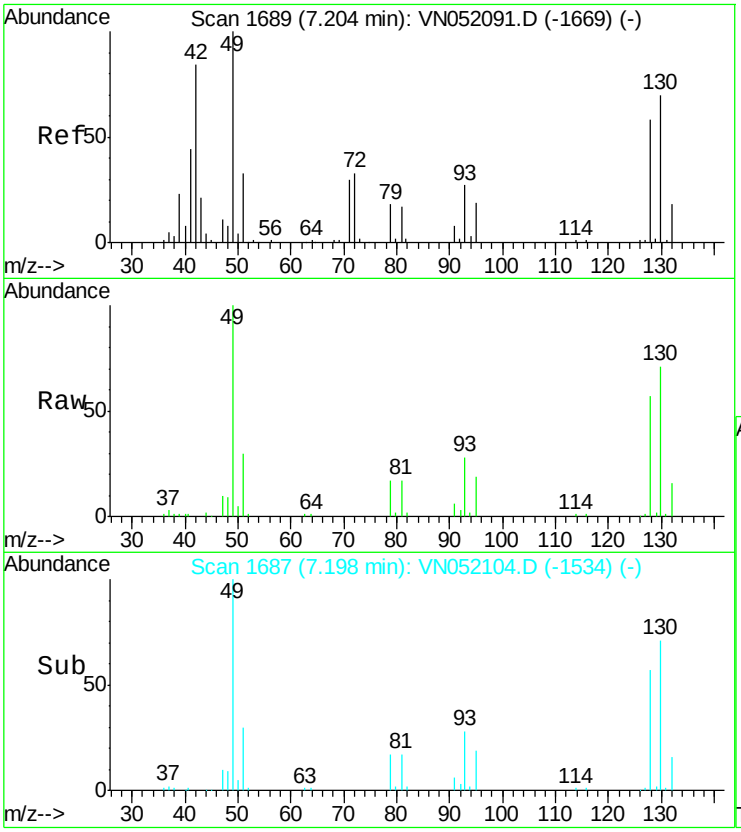


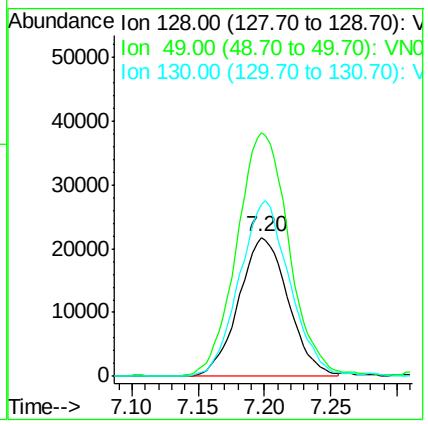


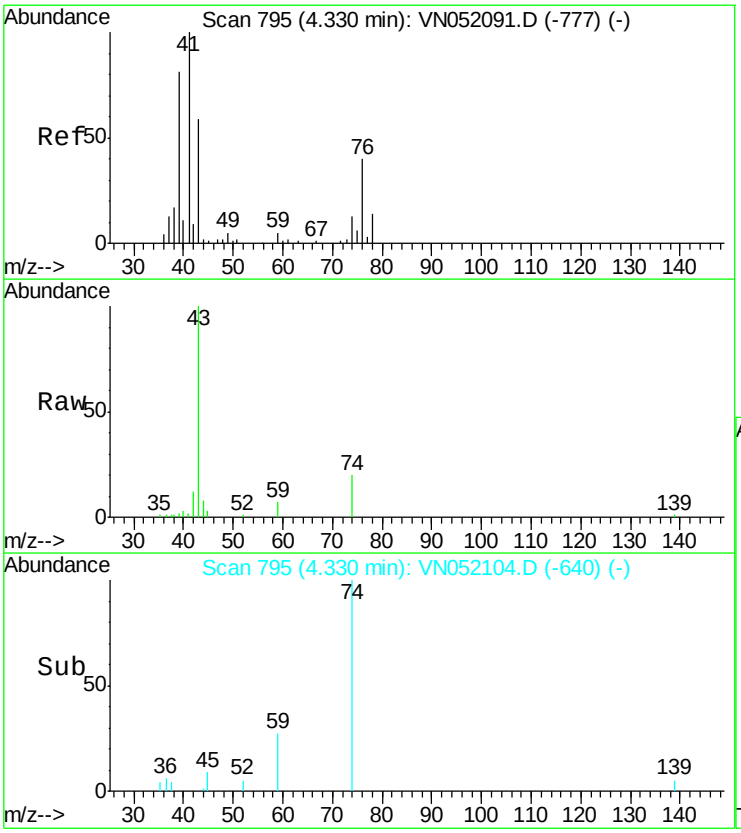
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion:128 Resp: 56650

Ion	Ratio	Lower	Upper
128	100		
49	185.3	0.0	453.7
130	129.2	0.0	308.8

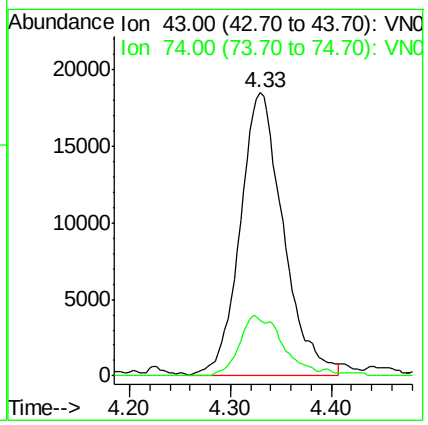


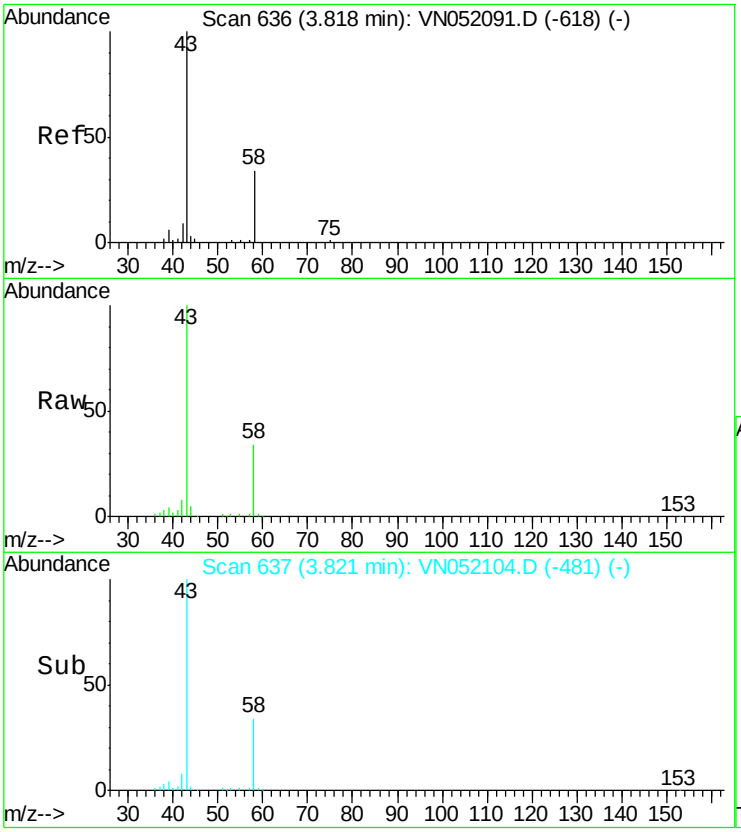


#12
Methyl Acetate
Concen: 20.883 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion: 43 Resp: 55067

Ion	Ratio	Lower	Upper
43	100		
74	19.6	17.4	26.2



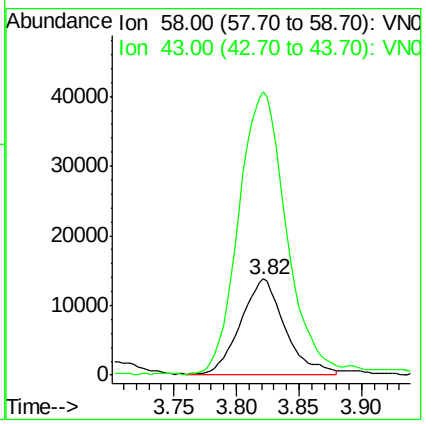


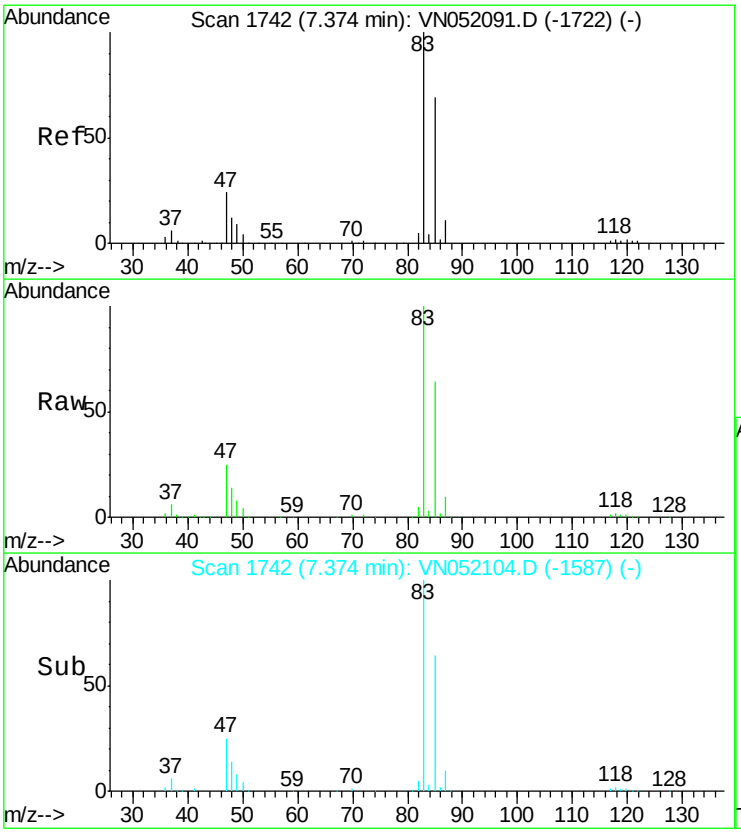
#15
Acetone
Concen: 124.339 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion: 58 Resp: 34364

Ion	Ratio	Lower	Upper
58	100		
43	293.4	234.7	352.1

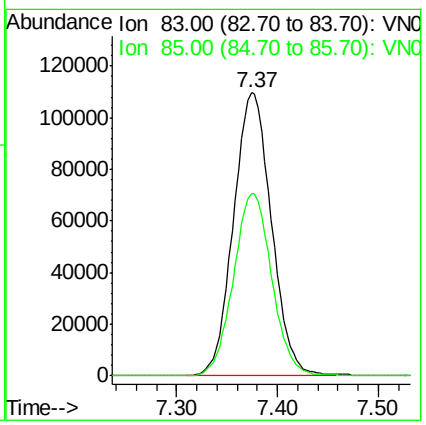


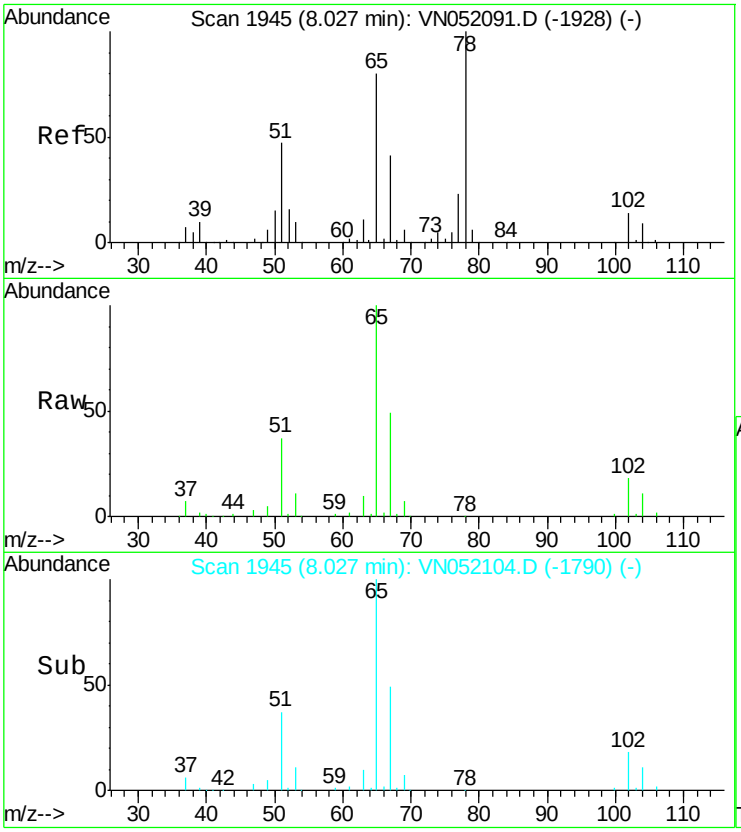


#25
Chloroform
Concen: 42.143 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion: 83 Resp: 285835

Ion	Ratio	Lower	Upper
83	100		
85	64.1	54.9	82.3



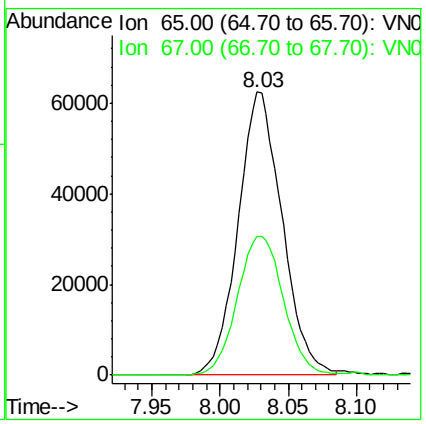


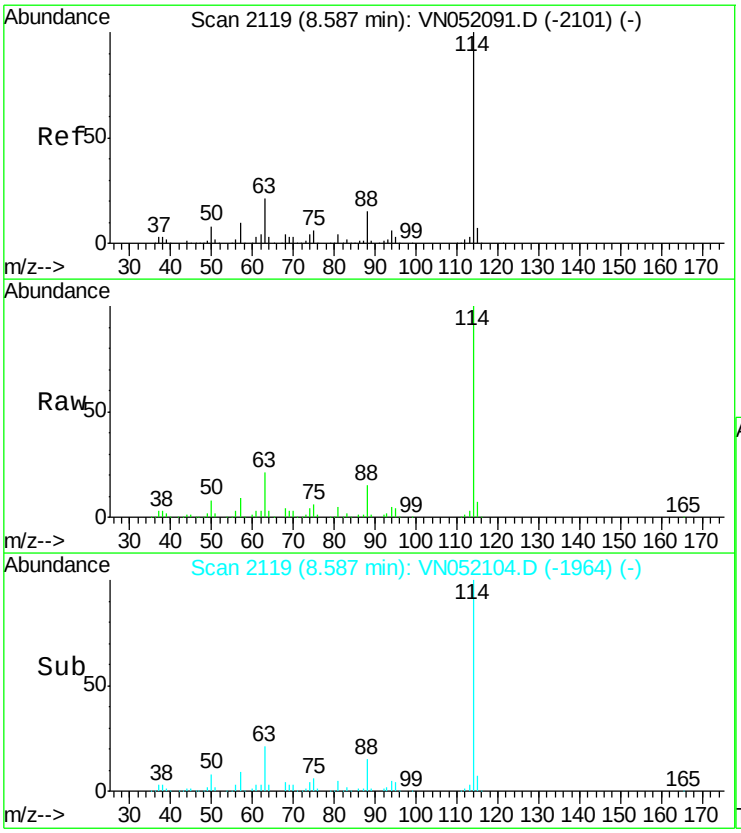
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion: 65 Resp: 140117

Ion	Ratio	Lower	Upper
65	100		
67	51.5	42.6	64.0

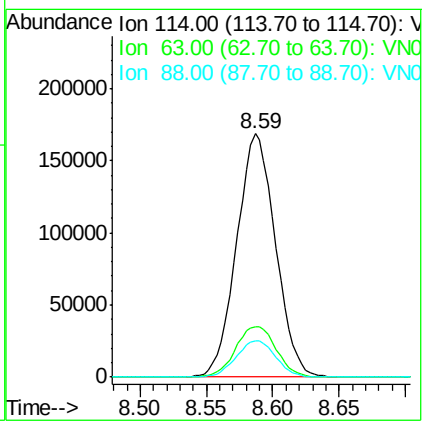


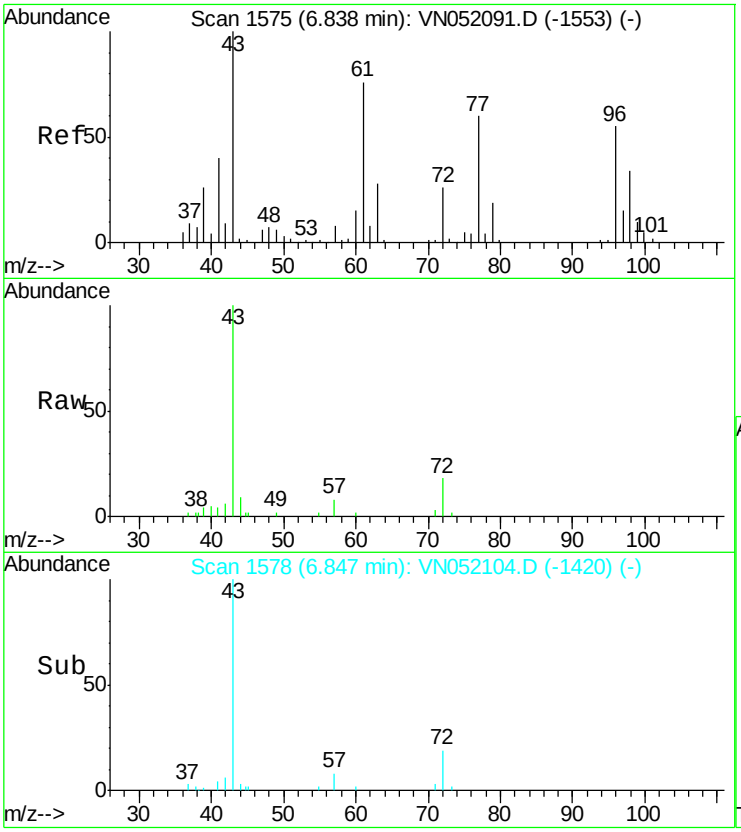


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion:114 Resp: 344539

Ion	Ratio	Lower	Upper
114	100		
63	21.8	17.5	26.3
88	15.2	12.6	18.8



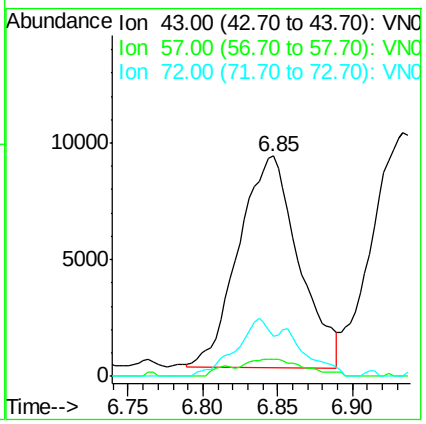


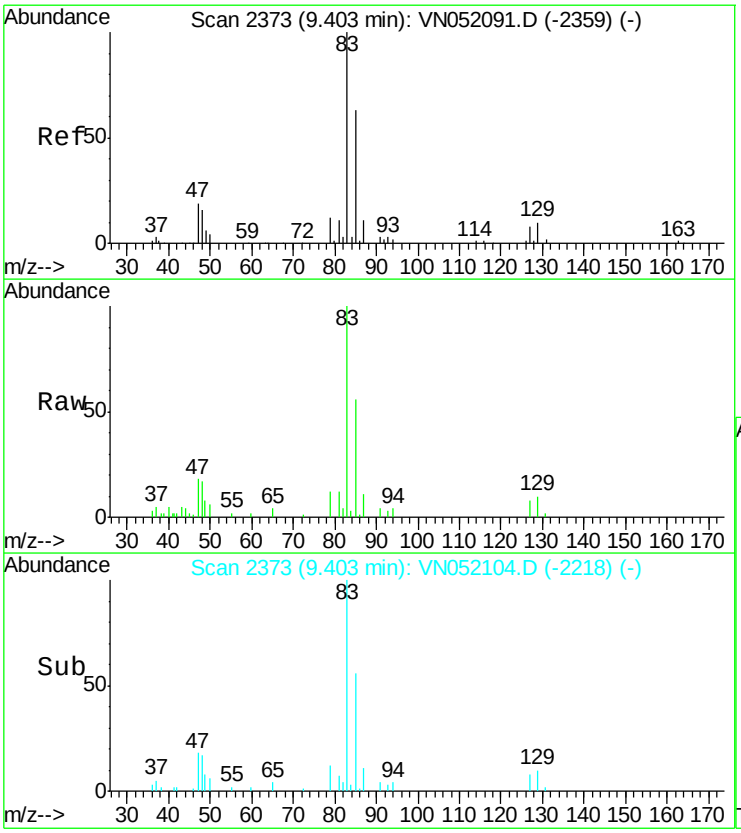
#30
2-Butanone
Concen: 17.322 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion: 43 Resp: 25234

Ion	Ratio	Lower	Upper
43	100		
57	6.1	6.6	9.8#
72	11.1	9.2	13.8

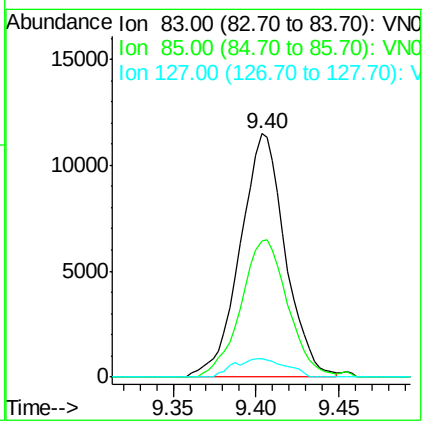


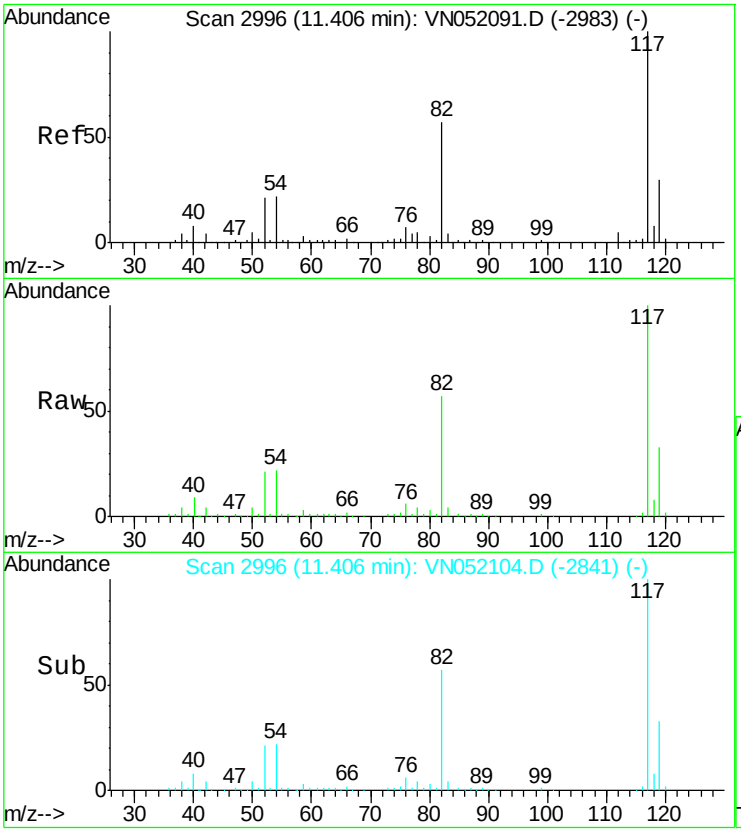


#41
Bromodichloromethane
Concen: 4.040 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion: 83 Resp: 21721

Ion	Ratio	Lower	Upper
83	100		
85	55.9	50.2	75.2
127	7.5	6.6	10.0



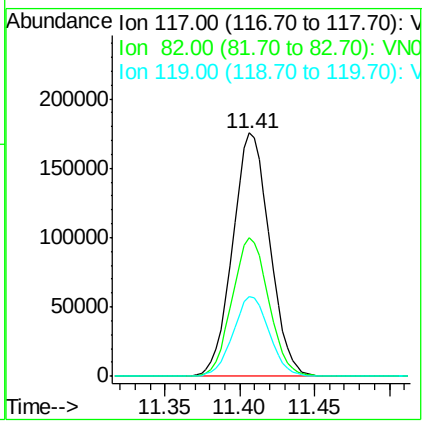


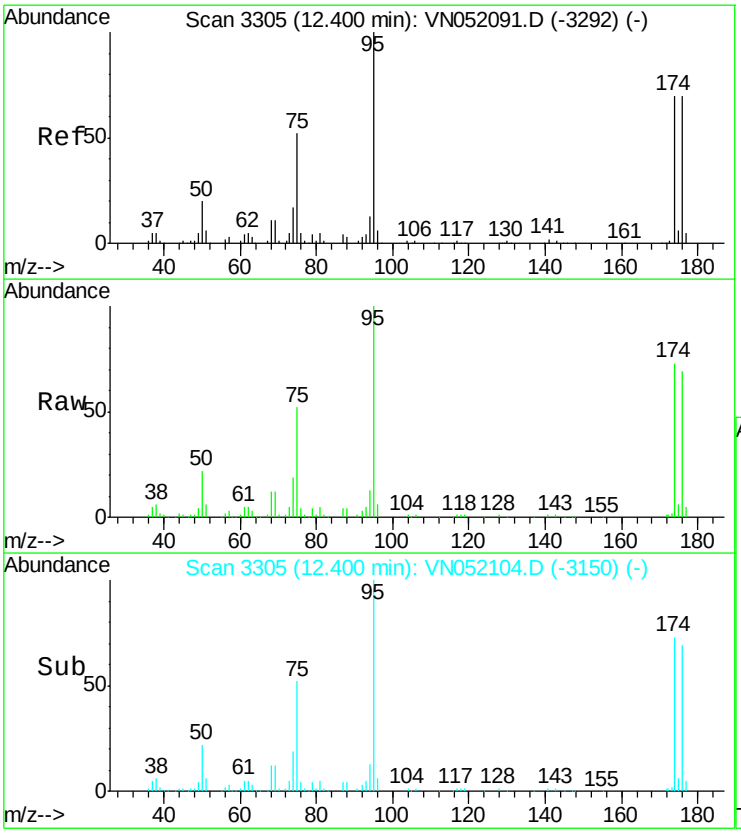
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion:117 Resp: 302905

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	32.1	24.2	36.4

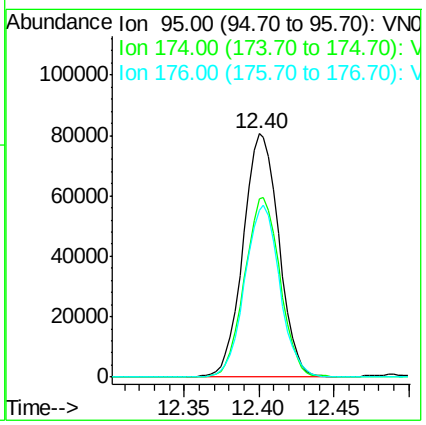


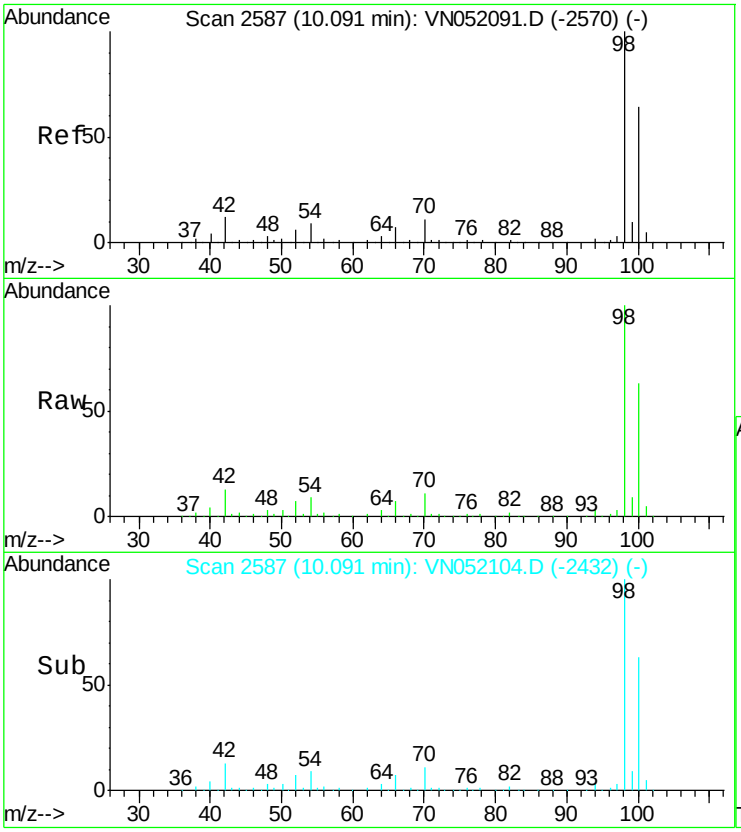


#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion: 95 Resp: 134241

Ion	Ratio	Lower	Upper
95	100		
174	73.0	55.0	82.6
176	68.9	54.2	81.4



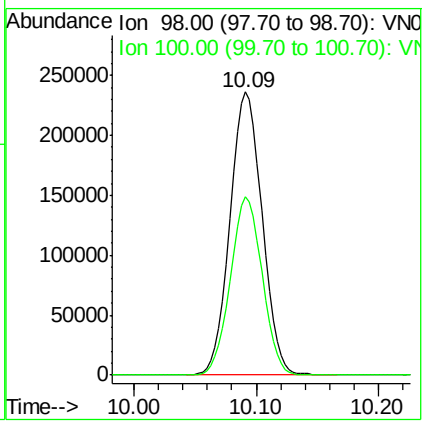


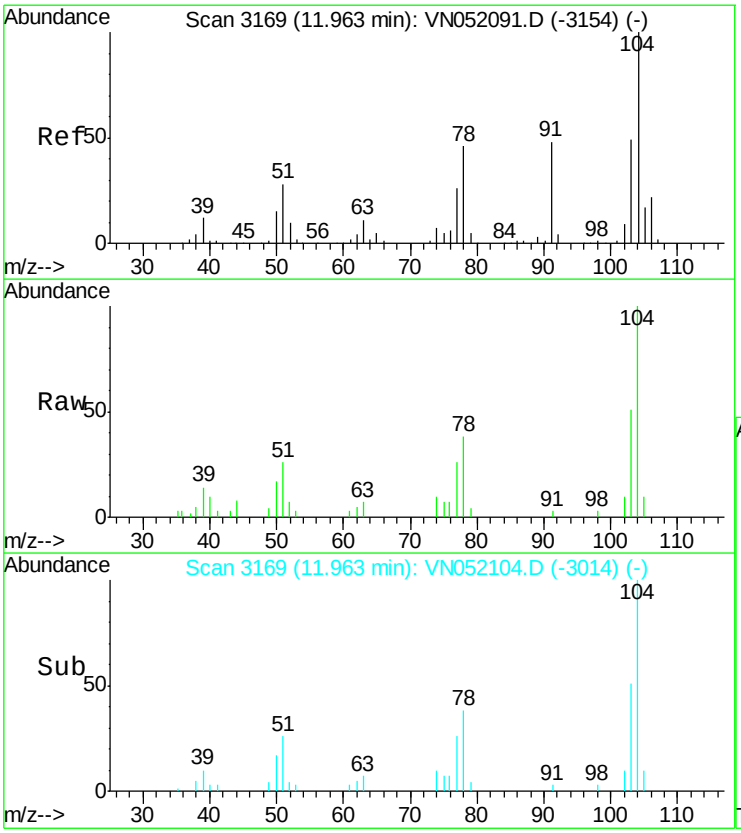
#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

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

Tgt Ion: 98 Resp: 432847

Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.7	76.1





#69
Styrene
Concen: 1.018 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052104.D
Acq: 1 Nov 2018 15:49

Tgt Ion:104 Resp: 11060

Ion	Ratio	Lower	Upper
104	100		
78	44.6	41.3	61.9
103	49.8	43.3	64.9