Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090418\
Data File : VN051010.D
Acq On : 4 Sep 2018 11:24
Operator : MD\SY
Sample : J4763-01DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 04 12:20:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	112320	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	570572	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	470136	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	216176	30.16	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.53%			
60) 4-Bromofluorobenzene	12.40	95	151411	21.66	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 72.20%			
63) Toluene-d8	10.09	98	672843	30.69	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.30%			
Target Compounds						Qvalue
15) Acetone	3.82	58	122380	201.55	ug/l	96
30) 2-Butanone	6.84	43	3193	1.22	ug/l #	90
62) Toluene	10.16	91	1109679	42.31	ug/l	99
91) Naphthalene	15.14	128	5228	8.90	ug/l #	90

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

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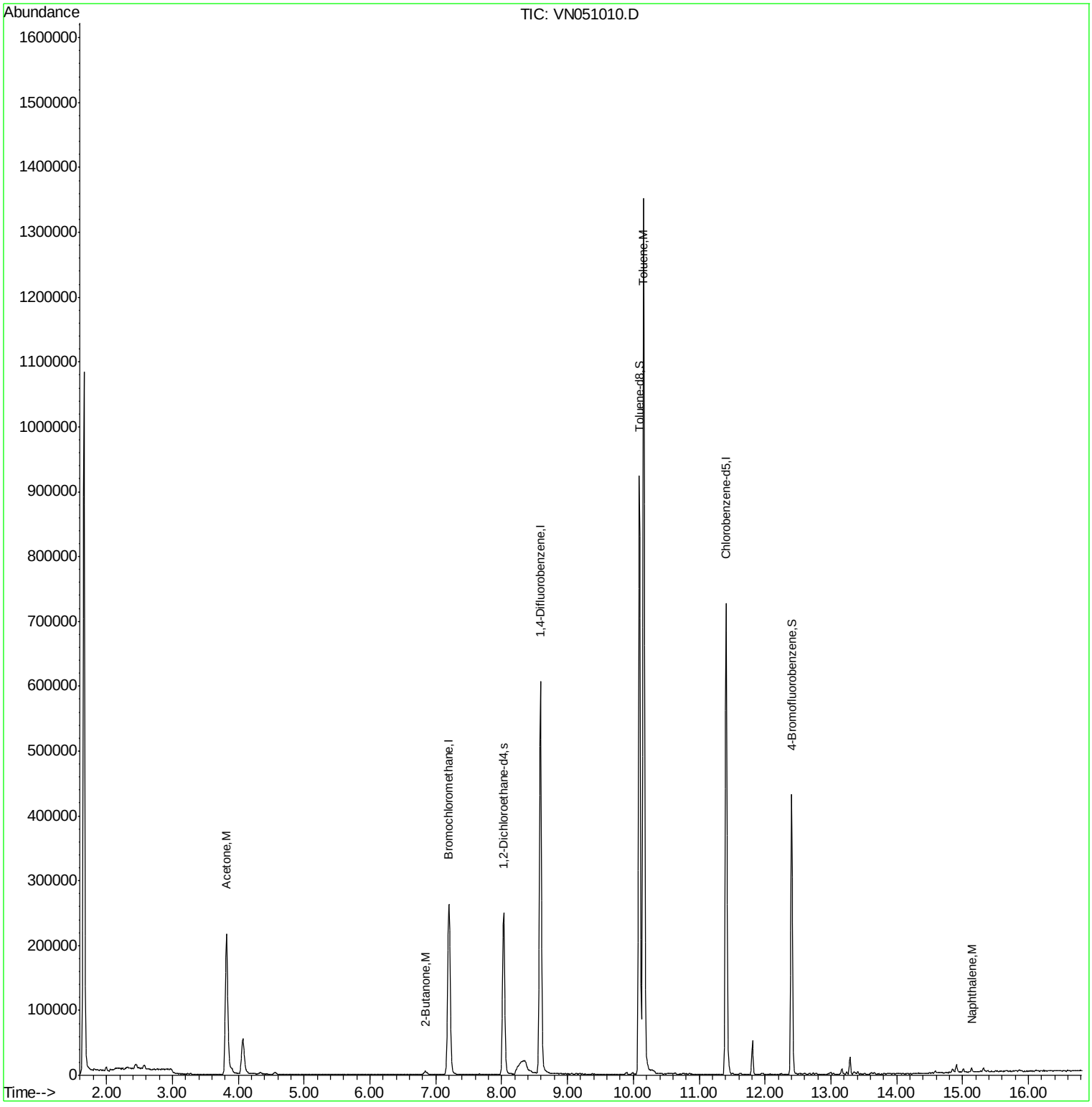
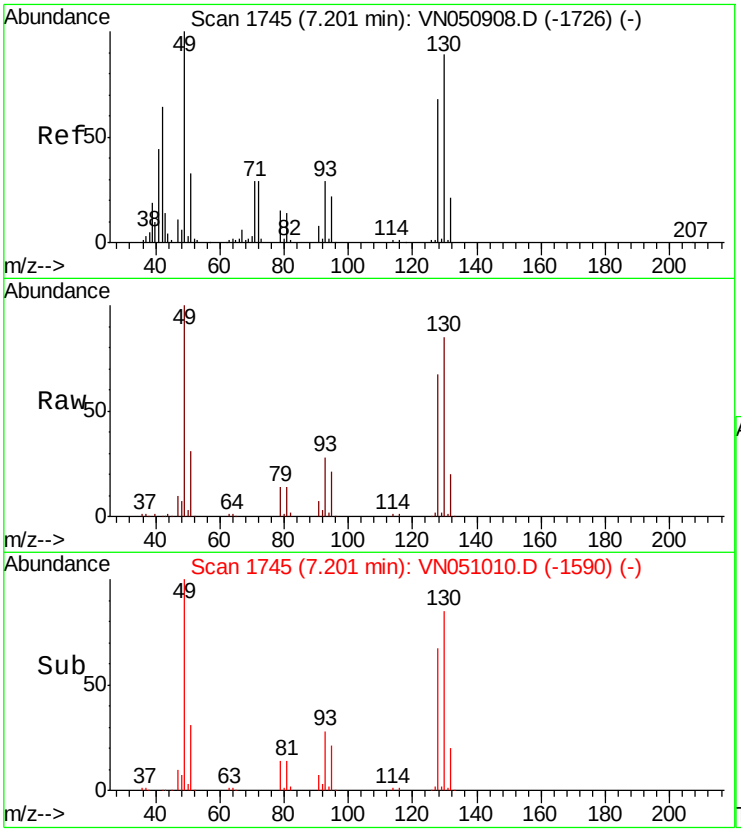


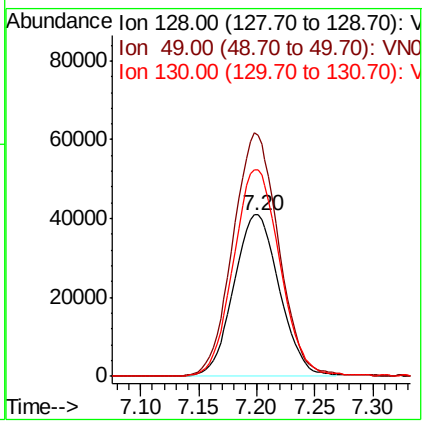


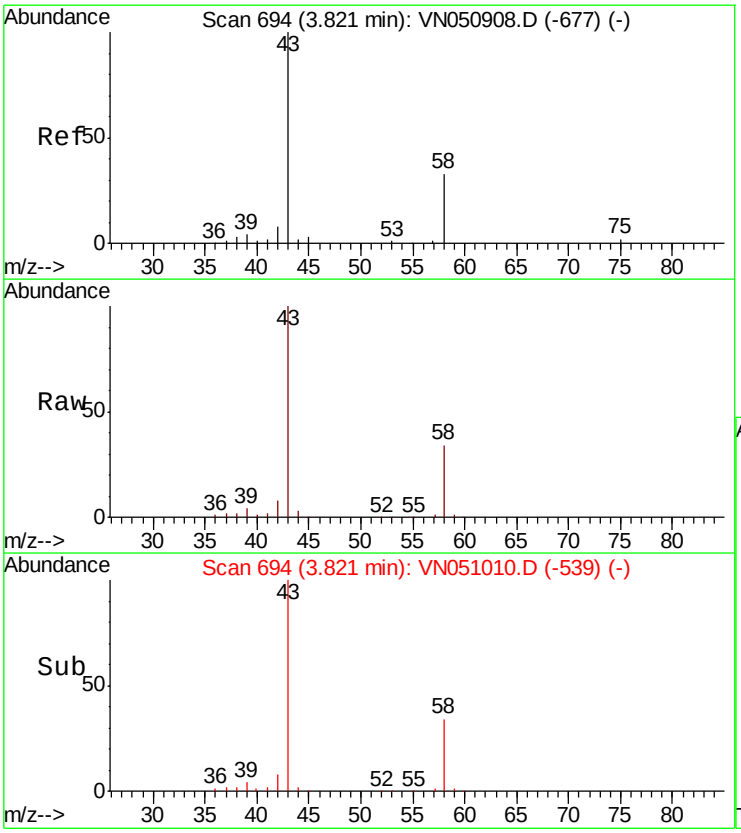
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

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

Tgt Ion:128 Resp: 112320

Ion	Ratio	Lower	Upper
128	100		
49	151.5	0.0	380.3
130	130.6	0.0	325.3

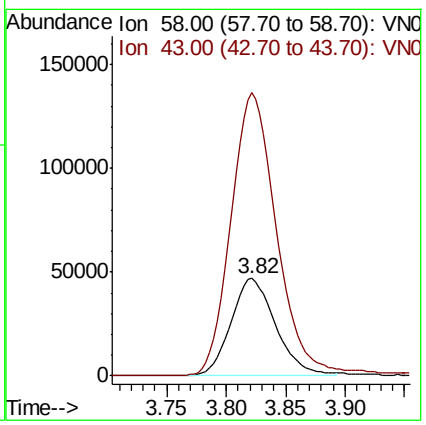


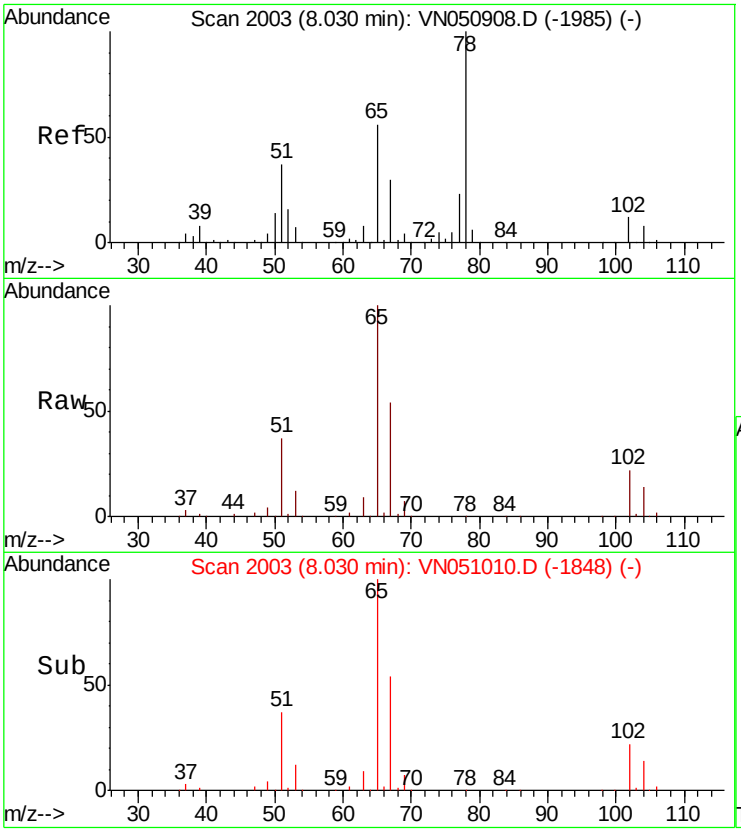


#15
Acetone
Concen: 201.55 ug/l
RT: 3.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

Tgt Ion: 58 Resp: 122380

Ion	Ratio	Lower	Upper
58	100		
43	290.6	239.4	359.0



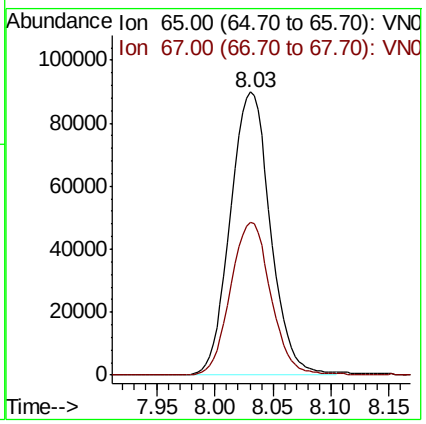


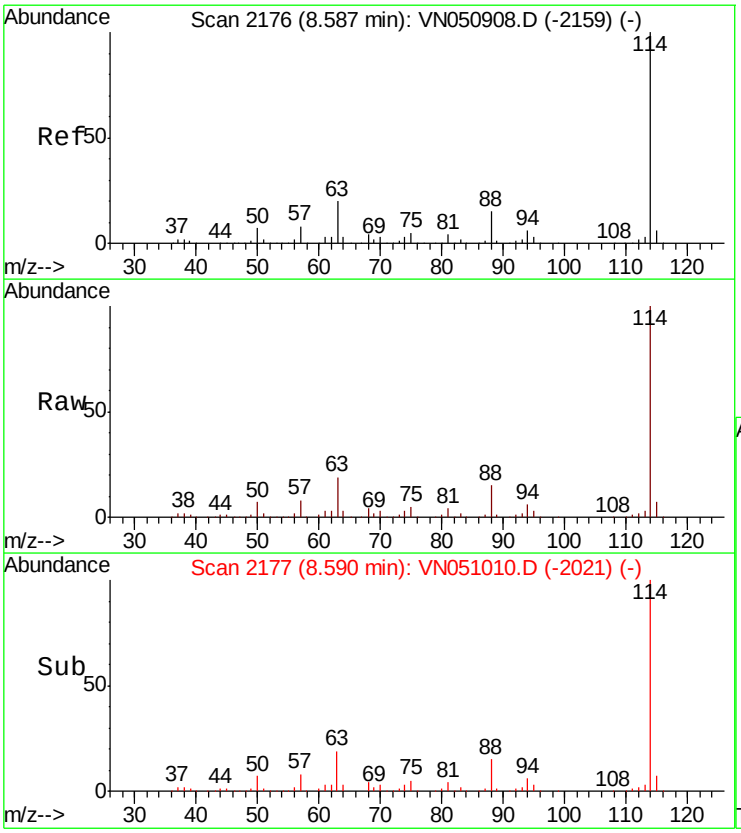
#27
1,2-Dichloroethane-d4
Concen: 30.16 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

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

Tgt Ion: 65 Resp: 216176

Ion	Ratio	Lower	Upper
65	100		
67	54.2	43.7	65.5

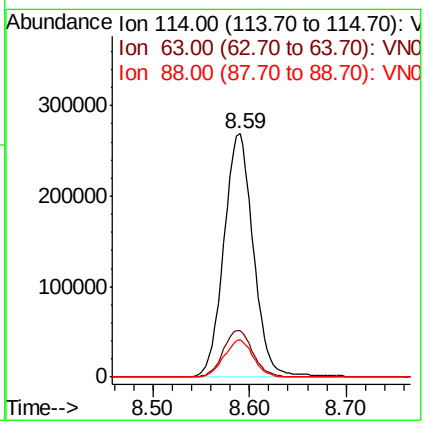


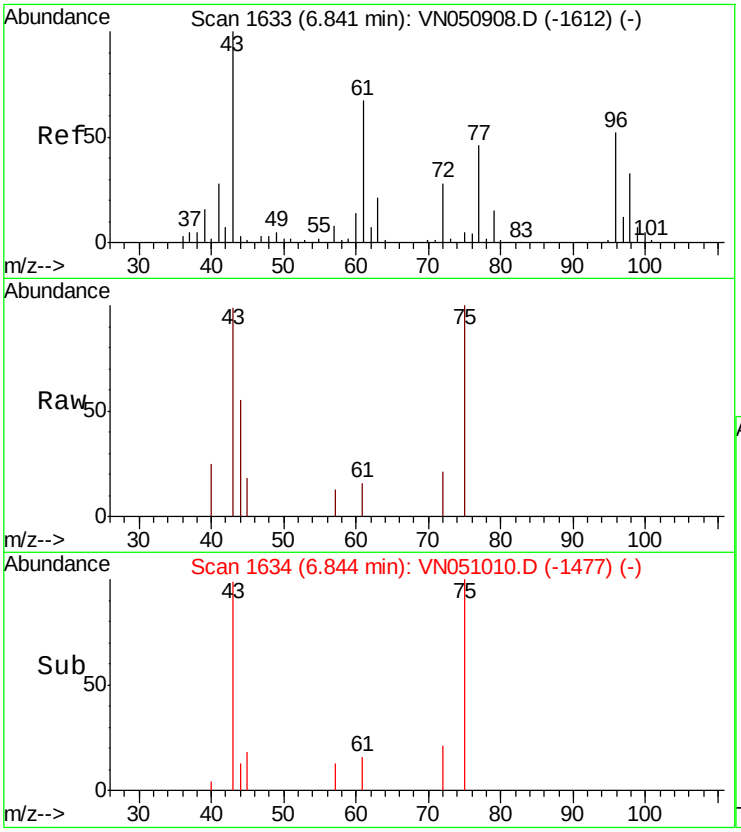


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

Tgt Ion:114 Resp: 570572

Ion	Ratio	Lower	Upper
114	100		
63	19.3	15.6	23.4
88	15.0	12.2	18.4



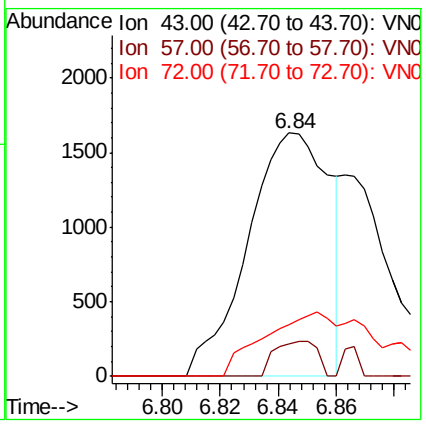


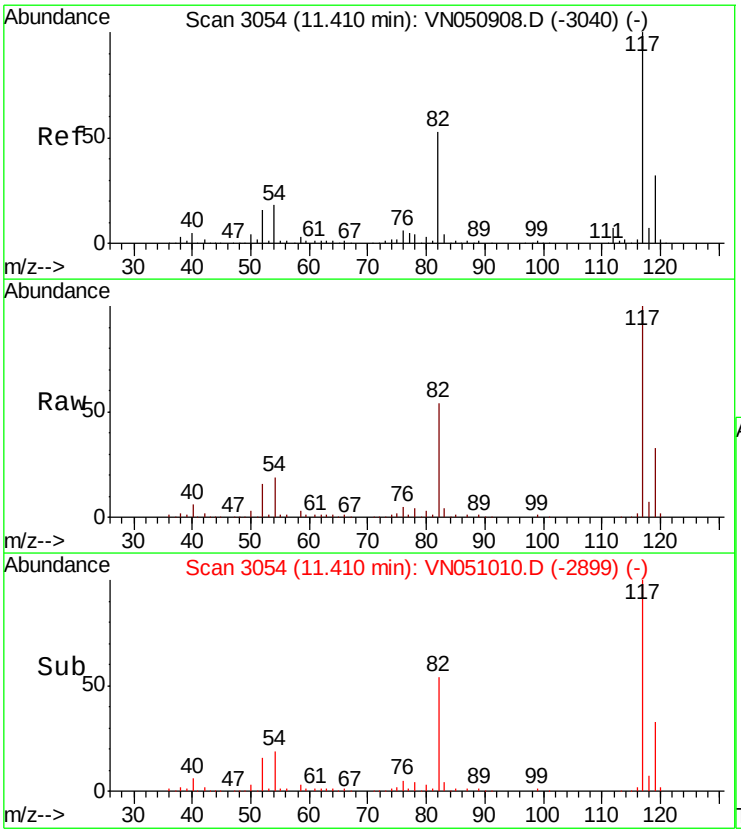
#30
2-Butanone
Concen: 1.22 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

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

Tgt Ion: 43 Resp: 3193

Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.9	10.3
72	22.4	22.8	34.2#

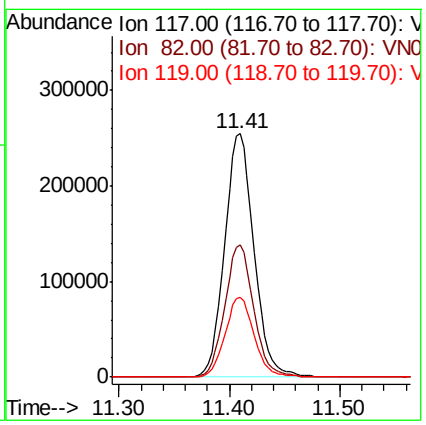


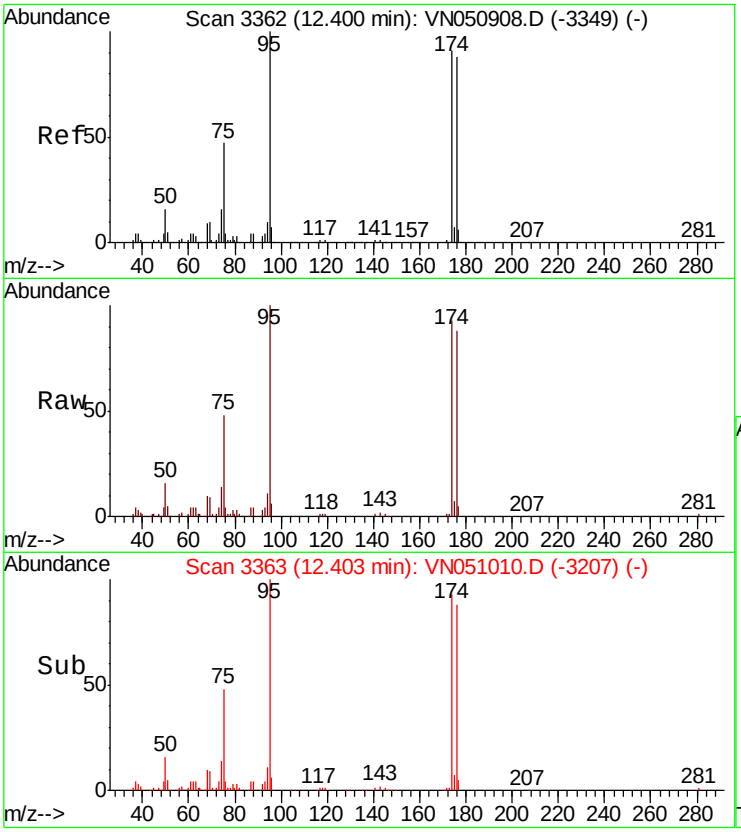


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

Tgt Ion:117 Resp: 470136

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	32.5	25.7	38.5



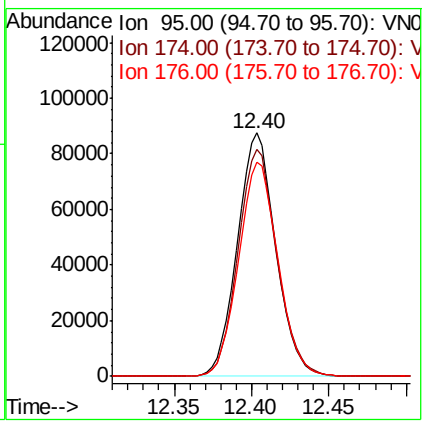


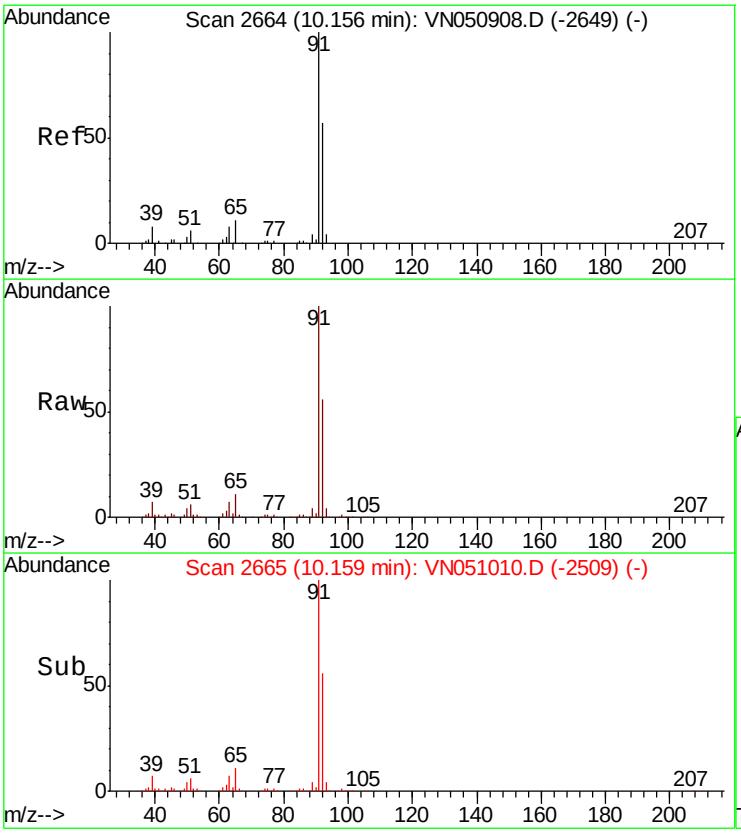
#60
4-Bromofluorobenzene
Concen: 21.66 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

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

Tgt Ion: 95 Resp: 151411

Ion	Ratio	Lower	Upper
95	100		
174	94.2	74.6	112.0
176	90.0	71.5	107.3

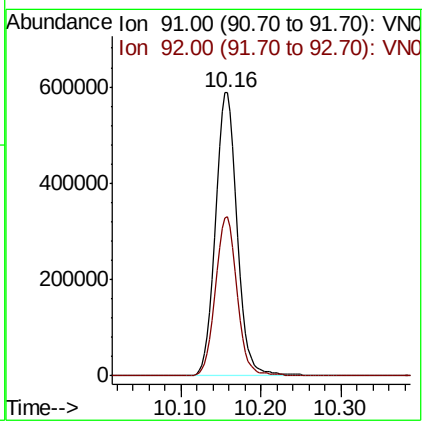


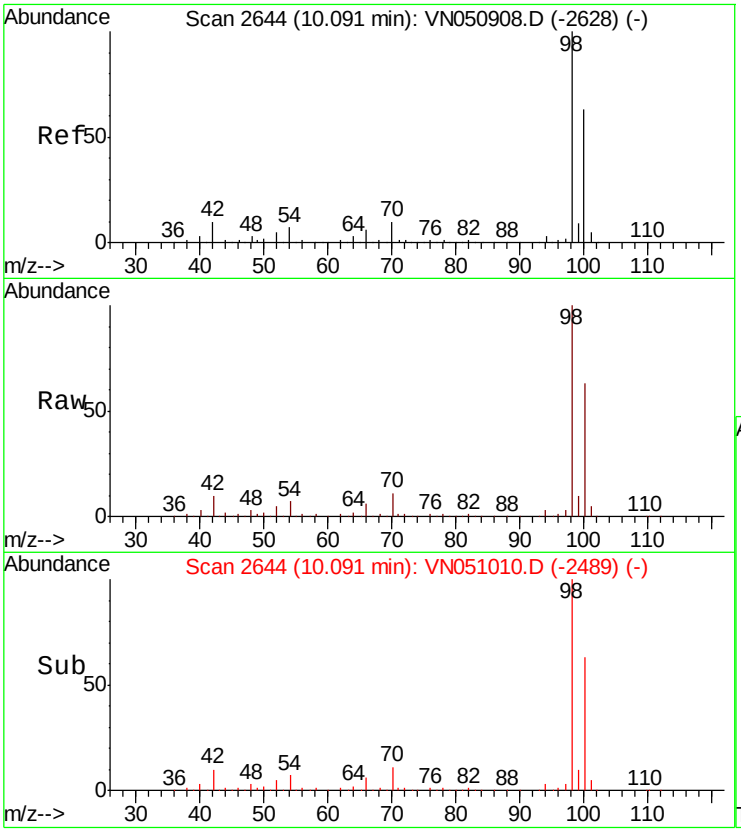


#62
Toluene
Concen: 42.31 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

Tgt Ion: 91 Resp: 1109679

Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.8	68.8



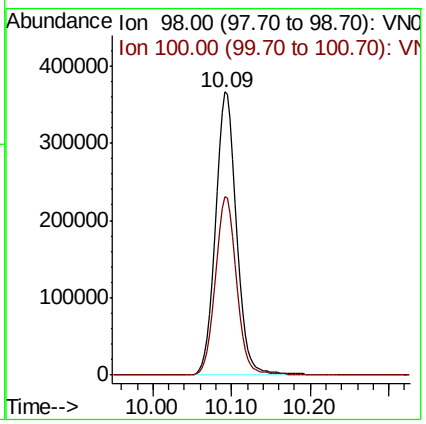


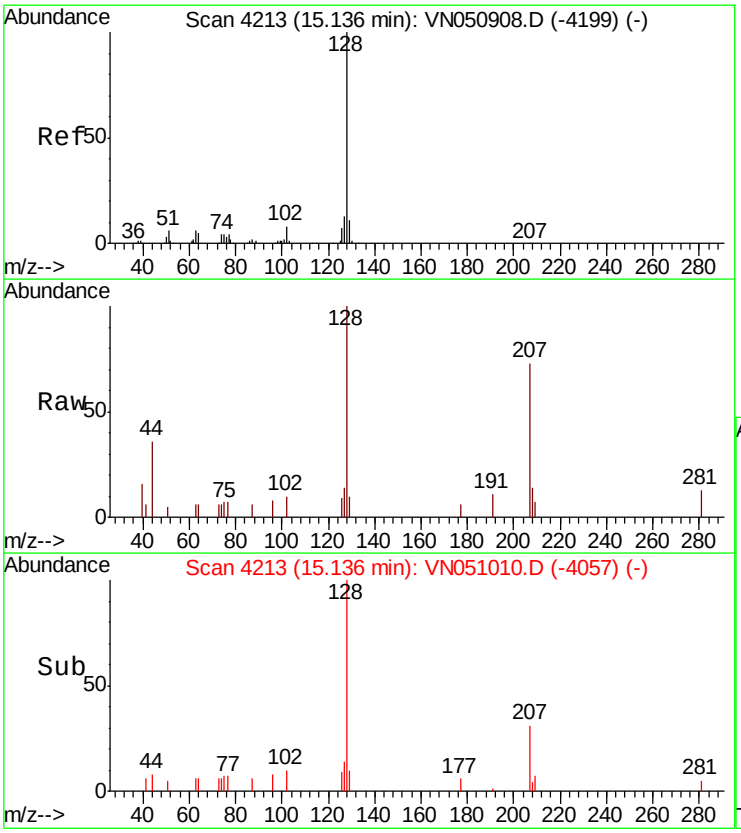
#63
Toluene-d8
Concen: 30.69 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

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

Tgt Ion: 98 Resp: 672843

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.6	75.8





#91
Naphthalene
Concen: 8.90 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN051010.D
Acq: 4 Sep 2018 11:24

Tgt Ion:128 Resp: 5228

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	3.4	8.7	13.1#