Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\
Data File : VN063904.D
Acq On : 6 Oct 2020 19:31
Operator : JC/MD
Sample : L4243-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 07 04:38:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 06 16:42:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	49681	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	256549	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	240408	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	137030	30.71	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.37%			
60) 4-Bromofluorobenzene	12.38	95	110266	26.82	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 89.40%			
63) Toluene-d8	10.06	98	320497	29.42	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.07%			
Target Compounds						Qvalue
15) Acetone	3.77	58	1767917	4527.468	ug/l	74
30) 2-Butanone	6.79	43	32013	14.528	ug/l #	92
58) 4-Methyl-2-Pentanone	9.95	43	22897	4.908	ug/l #	93
62) Toluene	10.13	91	82143	5.949	ug/l	98

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

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

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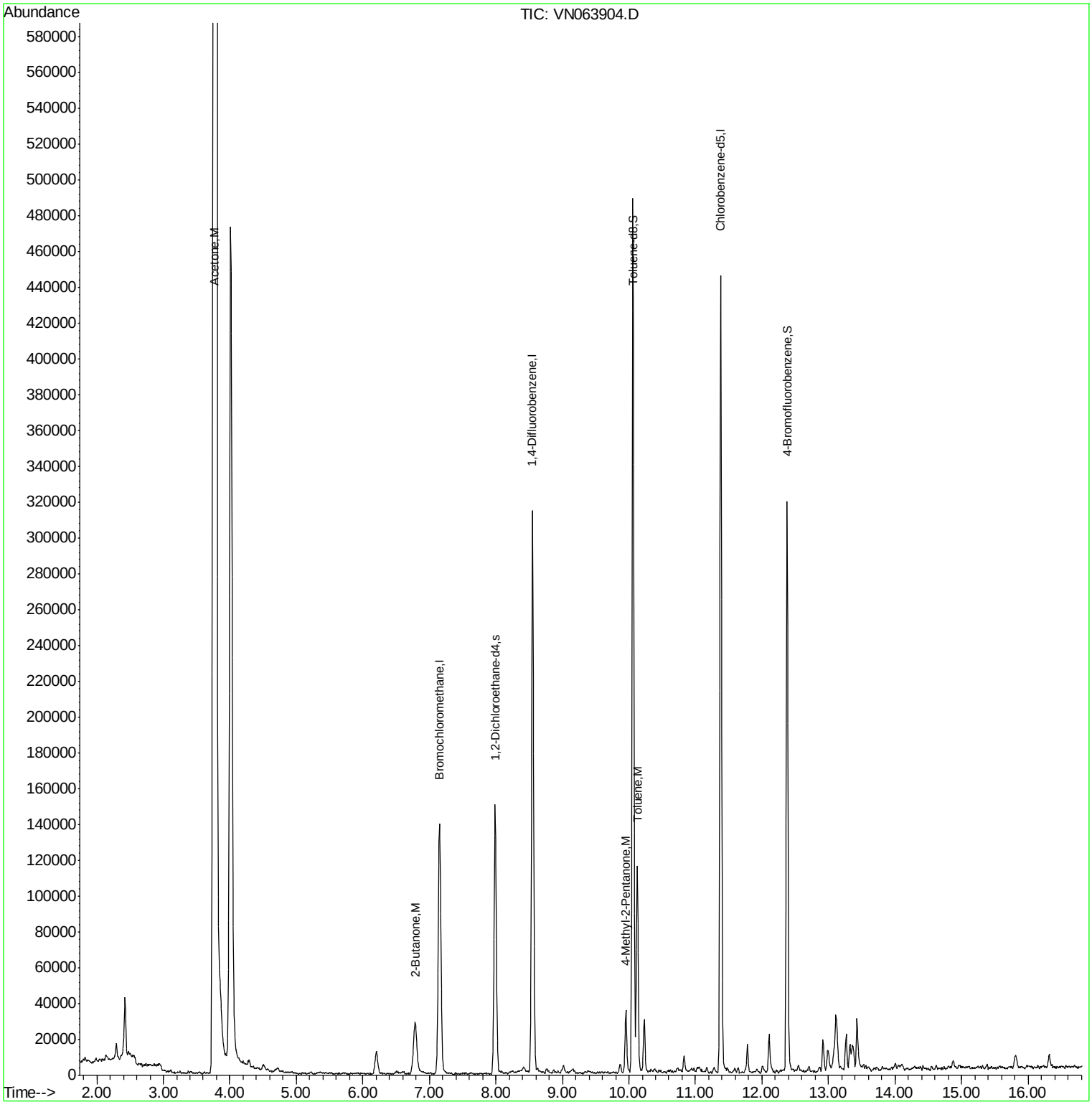
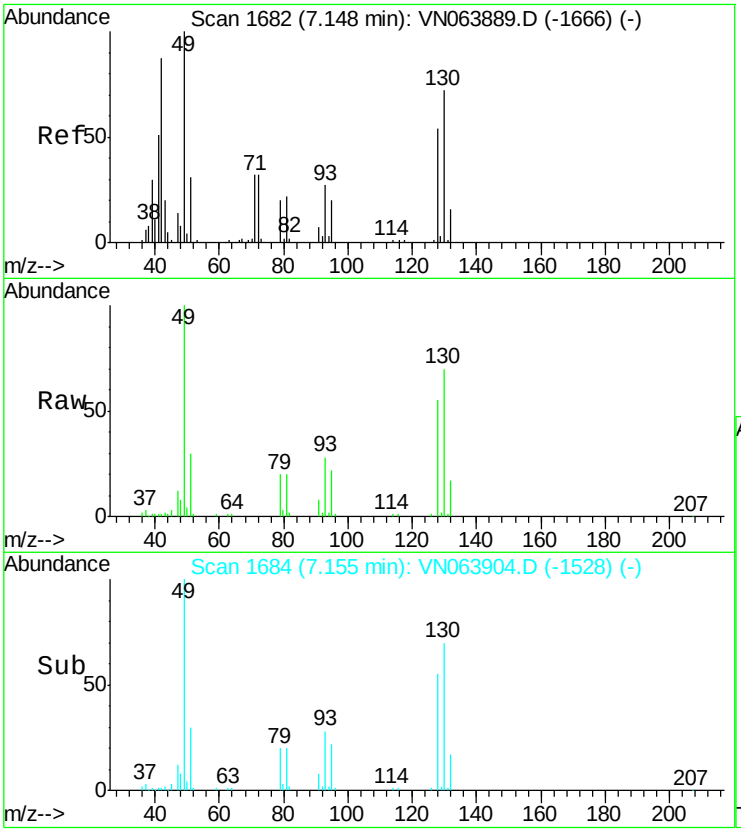


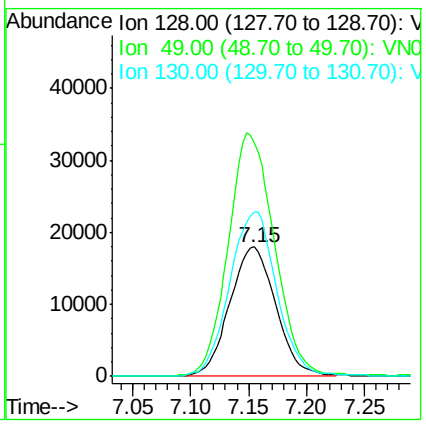


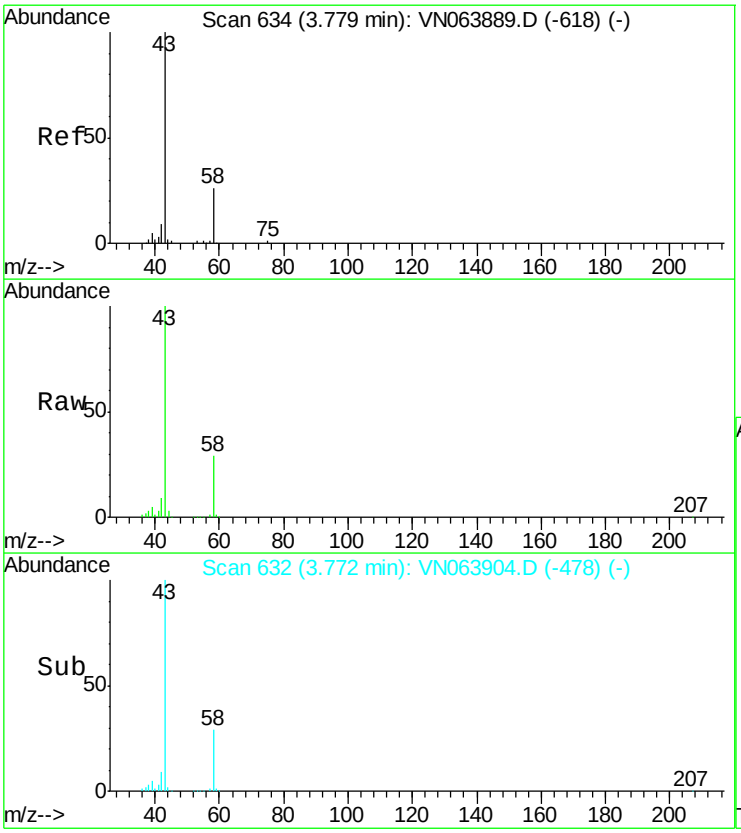
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

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

Tgt Ion:128 Resp: 49681

Ion	Ratio	Lower	Upper
128	100		
49	188.0	0.0	437.5
130	130.0	0.0	327.3

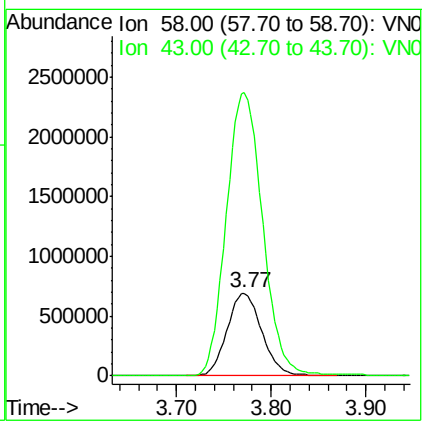


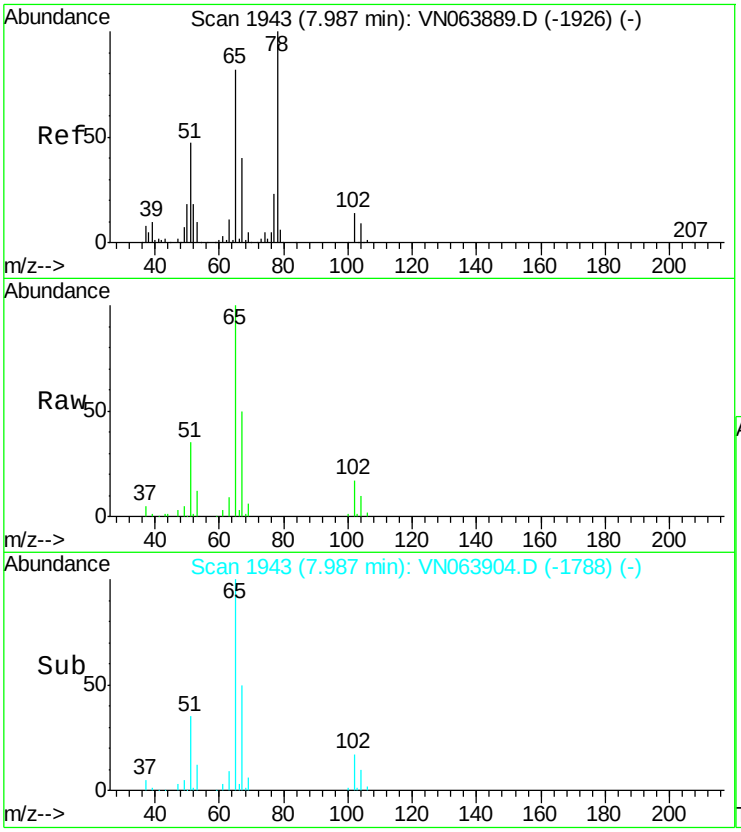


#15
Acetone
Concen: 4527.468 ug/l
RT: 3.77 min Scan# 632
Delta R.T. -0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

Tgt Ion: 58 Resp: 1767917

Ion	Ratio	Lower	Upper
58	100		
43	342.5	233.2	349.8



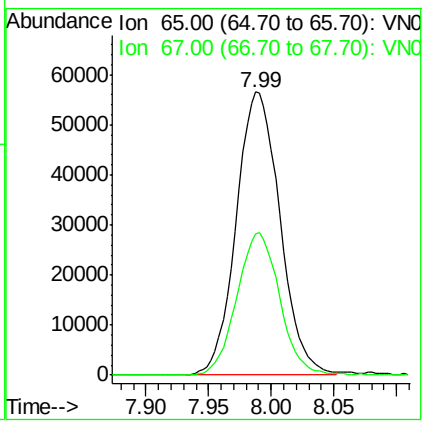


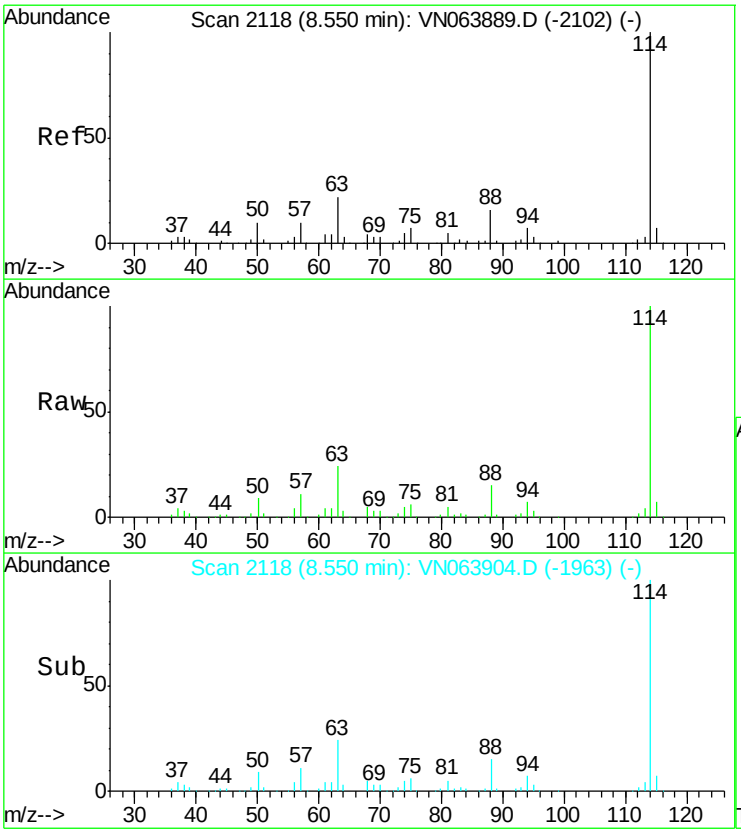
#27
1,2-Dichloroethane-d4
Concen: 30.711 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

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

Tgt Ion: 65 Resp: 137030

Ion	Ratio	Lower	Upper
65	100		
67	49.2	43.8	65.6

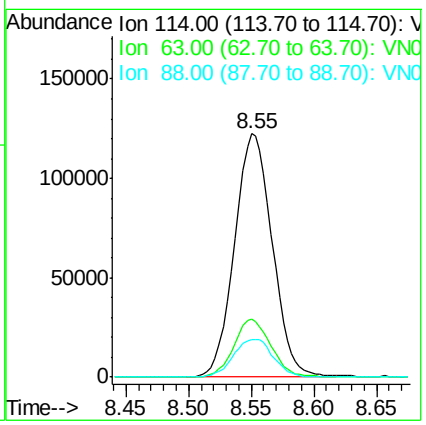


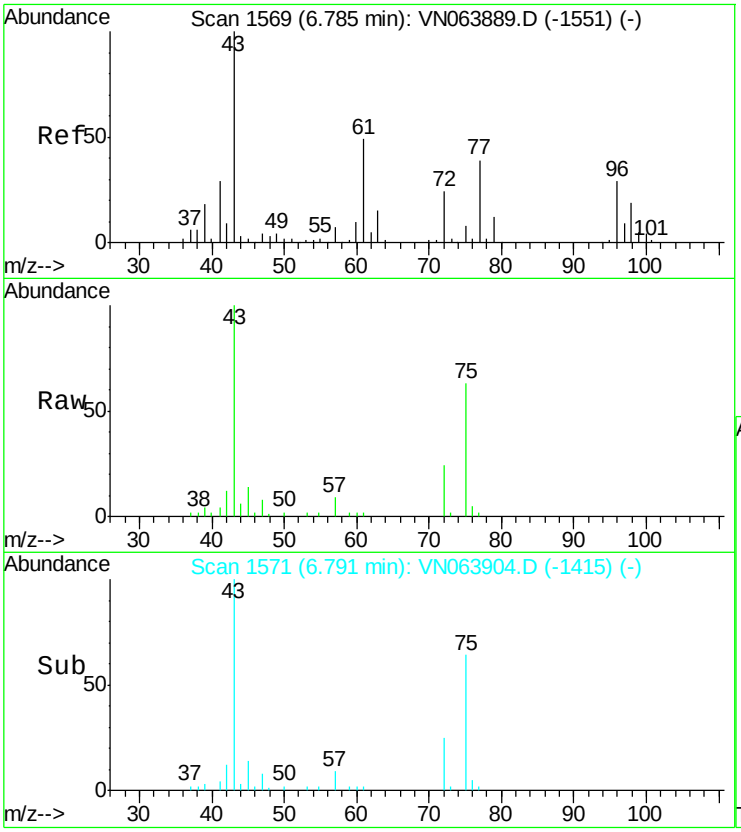


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

Tgt Ion:114 Resp: 256549

Ion	Ratio	Lower	Upper
114	100		
63	23.2	17.0	25.6
88	16.5	12.6	18.8



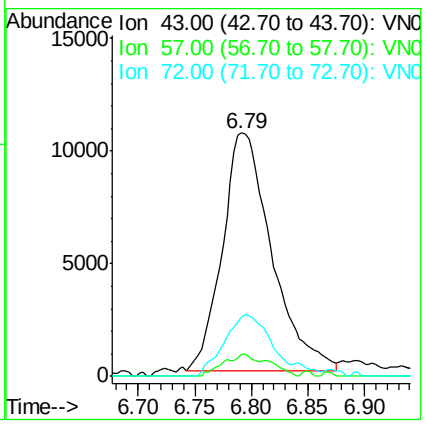


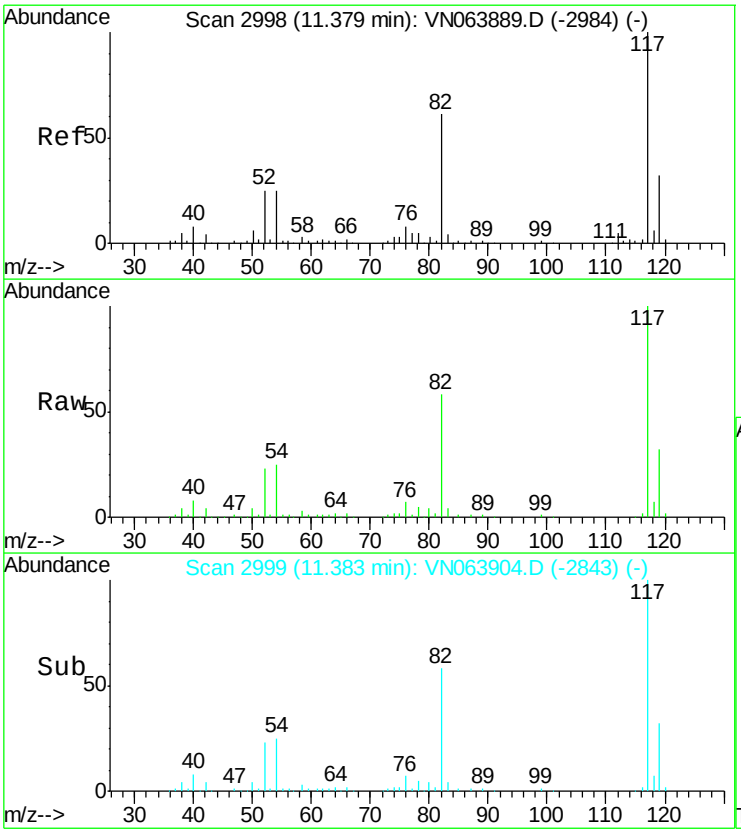
#30
2-Butanone
Concen: 14.528 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

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

Tgt Ion: 43 Resp: 32013

Ion	Ratio	Lower	Upper
43	100		
57	1.3	6.6	9.8#
72	24.1	21.3	31.9

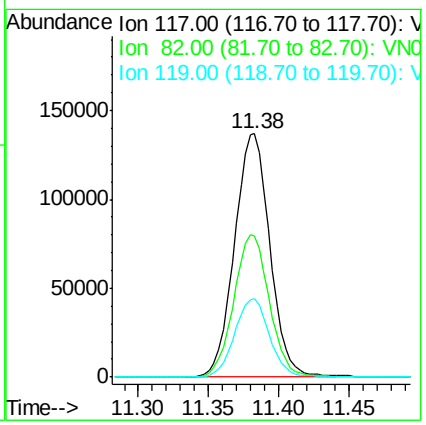


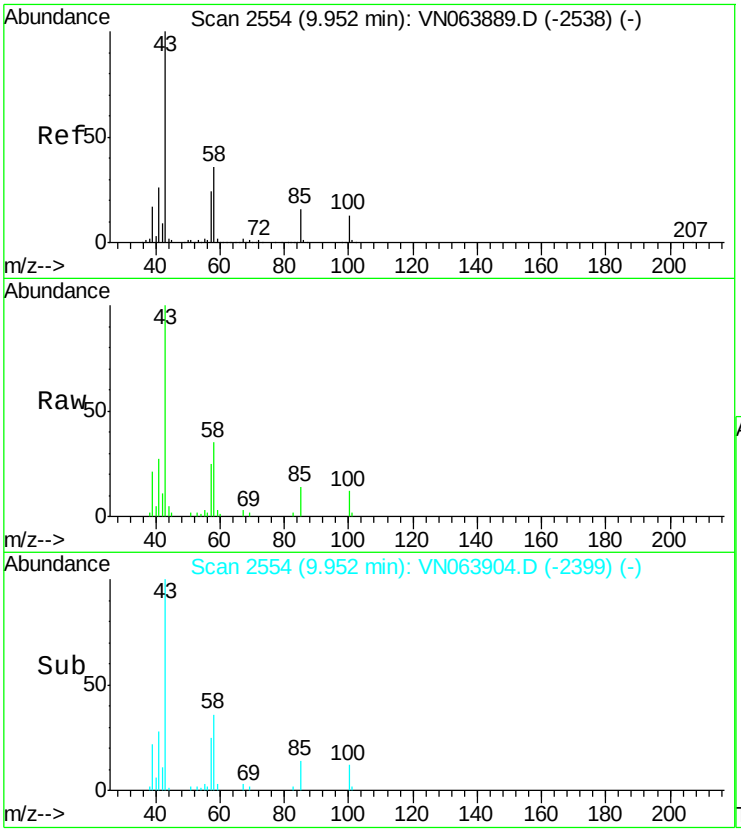


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

Tgt Ion:117 Resp: 240408

Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.9	67.3
119	31.6	26.0	39.0



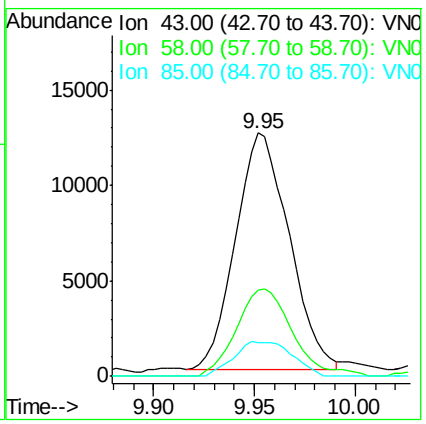


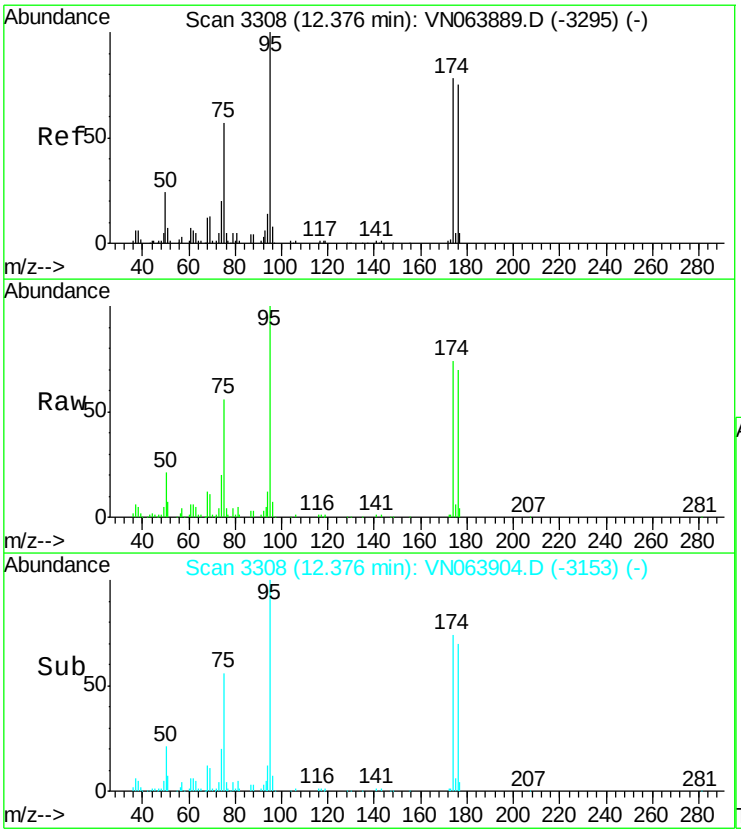
#58
4-Methyl-2-Pentanone
Concen: 4.908 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

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

Tgt Ion: 43 Resp: 22897

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.4	47.0
85	9.0	13.4	20.2#

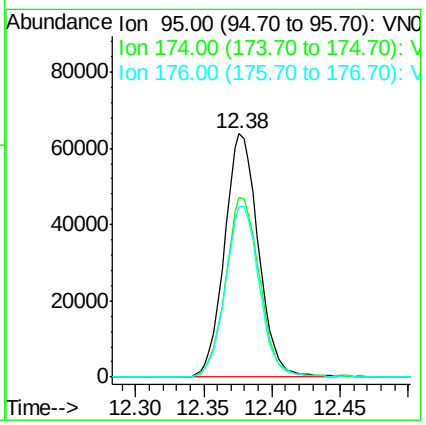


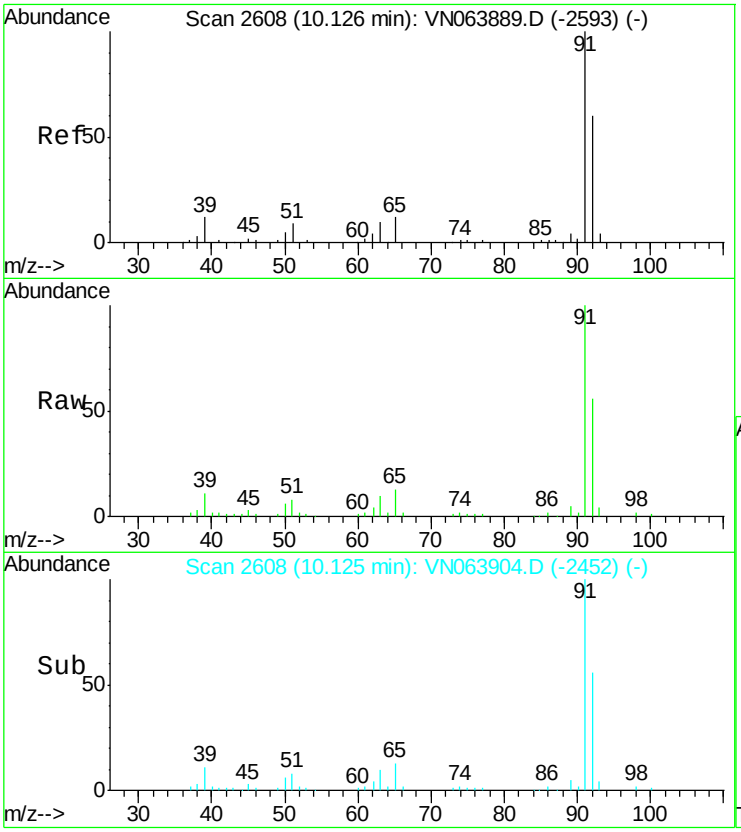


#60
4-Bromofluorobenzene
Concen: 26.821 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

Tgt Ion: 95 Resp: 110266

Ion	Ratio	Lower	Upper
95	100		
174	74.2	70.1	105.1
176	70.3	66.8	100.2



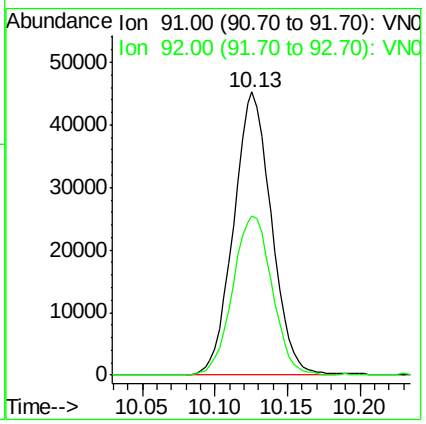


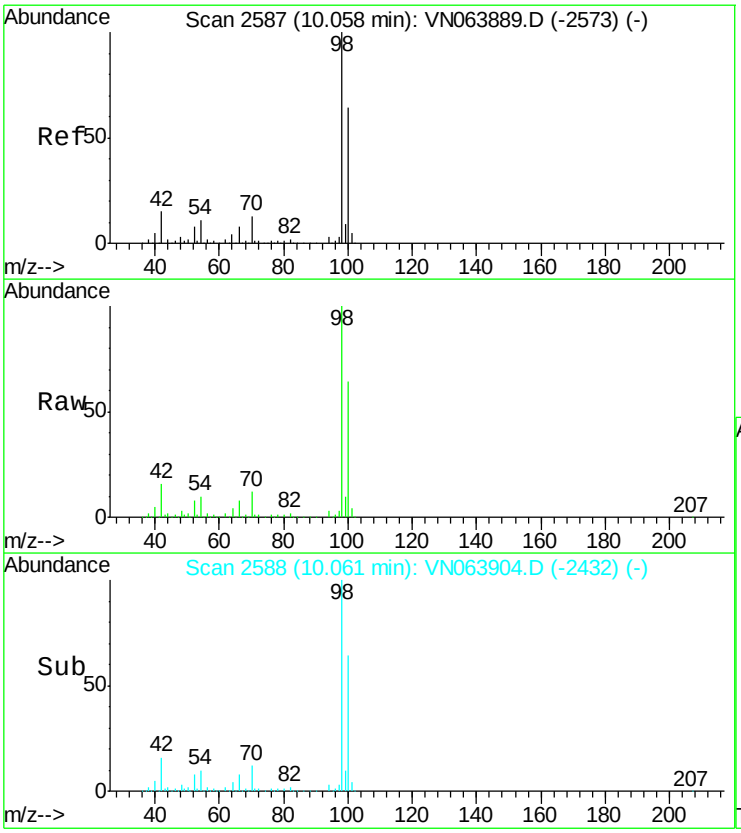
#62
Toluene
Concen: 5.949 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

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

Tgt Ion: 91 Resp: 82143

Ion	Ratio	Lower	Upper
91	100		
92	58.3	45.5	68.3





#63
Toluene-d8
Concen: 29.417 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063904.D
Acq: 6 Oct 2020 19:31

Tgt Ion: 98 Resp: 320497

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2