Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
Data File : VN065803.D
Acq On : 10 Feb 2021 18:26
Operator : JC/MD
Sample : M1321-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
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Quant Time: Feb 11 01:34:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 03 14:50:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.151	128	23528	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.547	114	131679	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.376	117	113073	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.984	65	48692	29.84	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.47%				
60) 4-Bromofluorobenzene	12.373	95	46452	25.25	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.17%				
63) Toluene-d8	10.055	98	162440	29.88	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.60%				
Target Compounds							Qvalue
15) Acetone	3.779	58	388076	1712.71	ug/l		89
25) Chloroform	7.319	83	3475	1.32	ug/l		85
30) 2-Butanone	6.804	43	6281m	6.60	ug/l		
58) 4-Methyl-2-Pentanone	9.952	43	8347	4.44	ug/l		96
62) Toluene	10.122	91	20866	3.16	ug/l		100
66) Ethyl Benzene	11.482	91	2314	0.33	ug/l		98
67) m/p-Xylenes	11.589	106	3249	1.23	ug/l		92
68) o-Xylene	11.913	106	1469	0.57	ug/l		98
69) Styrene	11.936	104	1276	0.31	ug/l	#	85
80) 1,2,4-Trimethylbenzene	13.010	105	2250	0.41	ug/l		86

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
Data File : VN065803.D
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Sample : M1321-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 11 01:34:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 03 14:50:04 2021
Response via : Initial Calibration

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

Manual Integrations APPROVED
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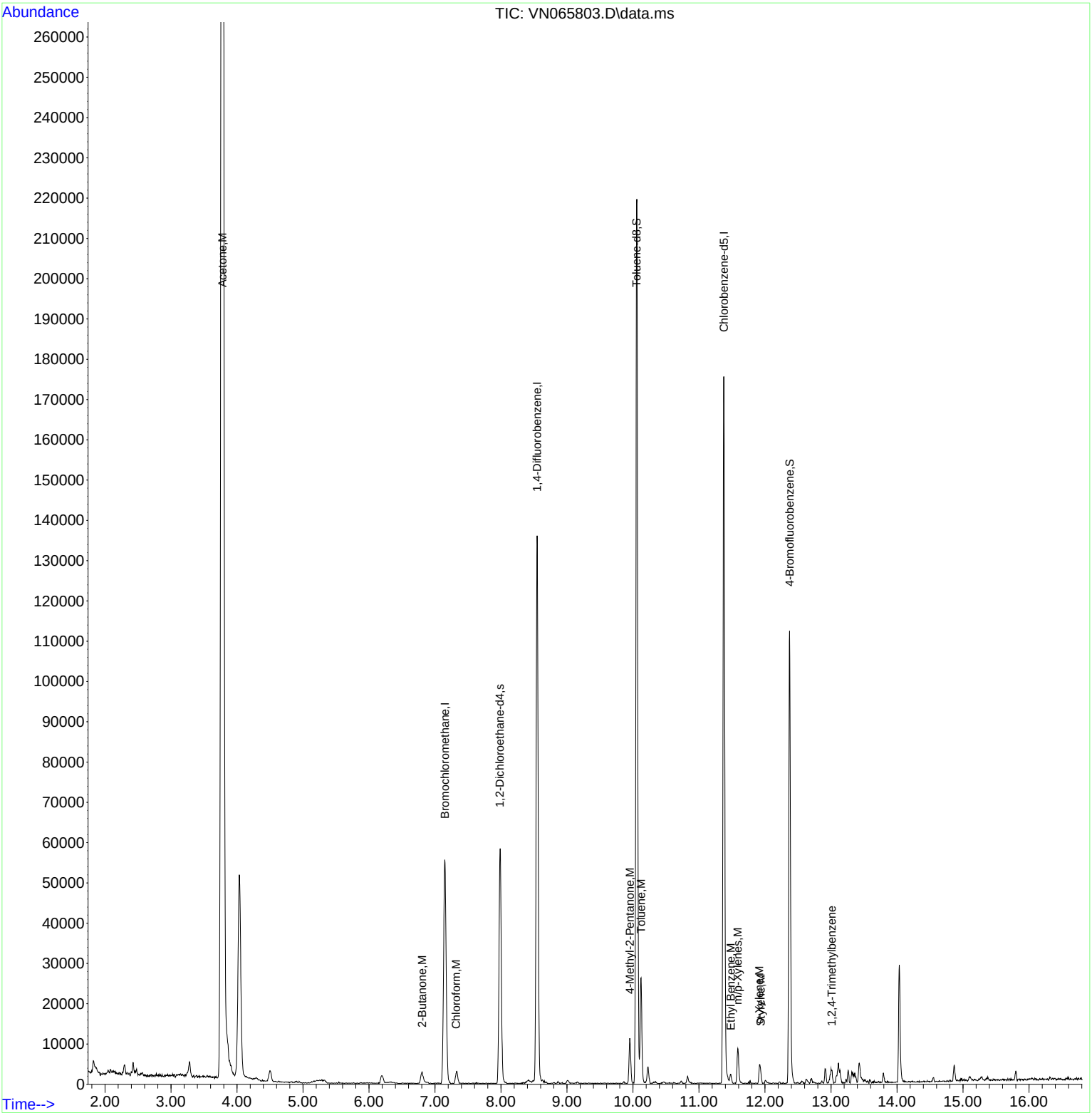
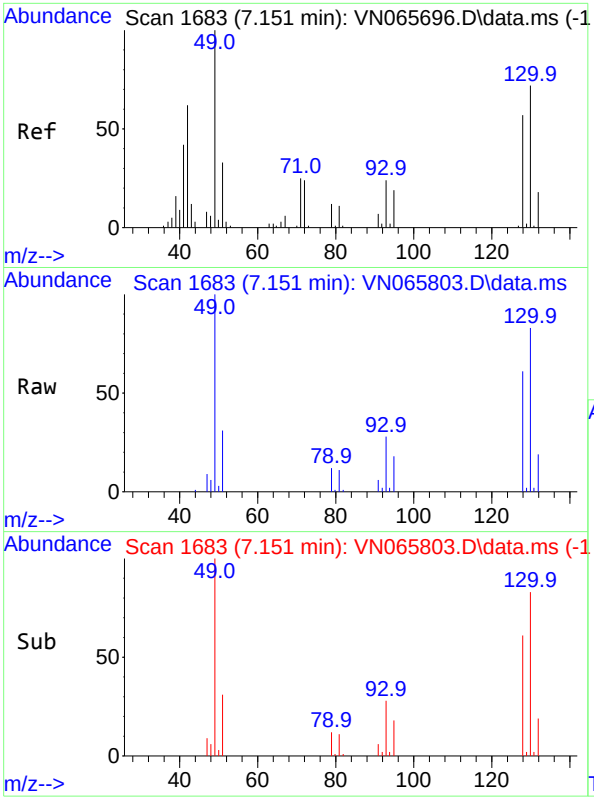
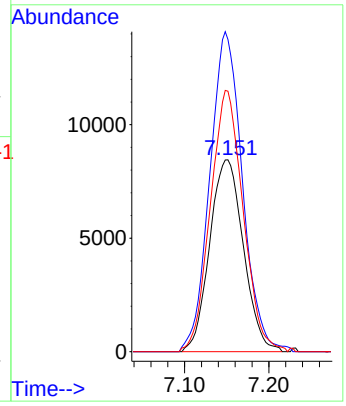




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:128 Resp: 23528

Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	355.0
130	132.3	0.0	325.5



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

Manual Integrations APPROVED
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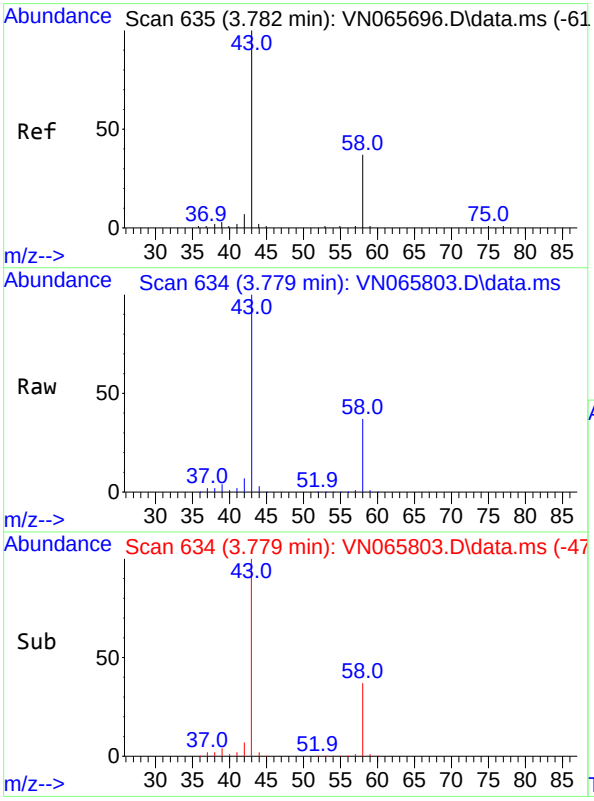
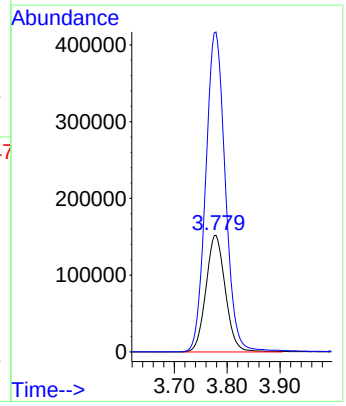
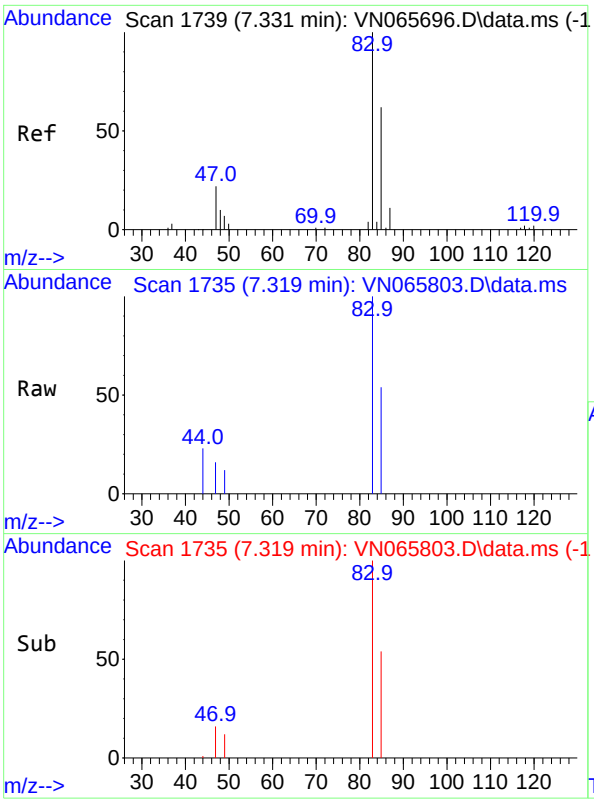


#15
Acetone
Concen: 1712.71 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 58 Resp: 388076

Ion	Ratio	Lower	Upper
58	100		
43	273.7	203.4	305.0

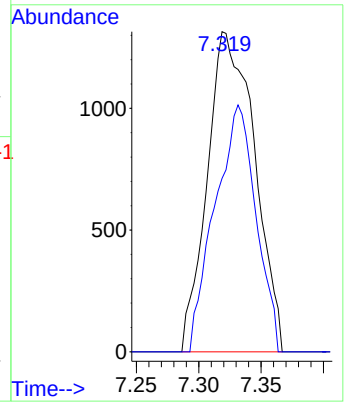




#25
Chloroform
Concen: 1.32 ug/l
RT: 7.319 min Scan# 1735
Delta R.T. -0.013 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 83 Resp: 3475

Ion	Ratio	Lower	Upper
83	100		
85	54.1	53.0	79.4



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

Manual Integrations APPROVED
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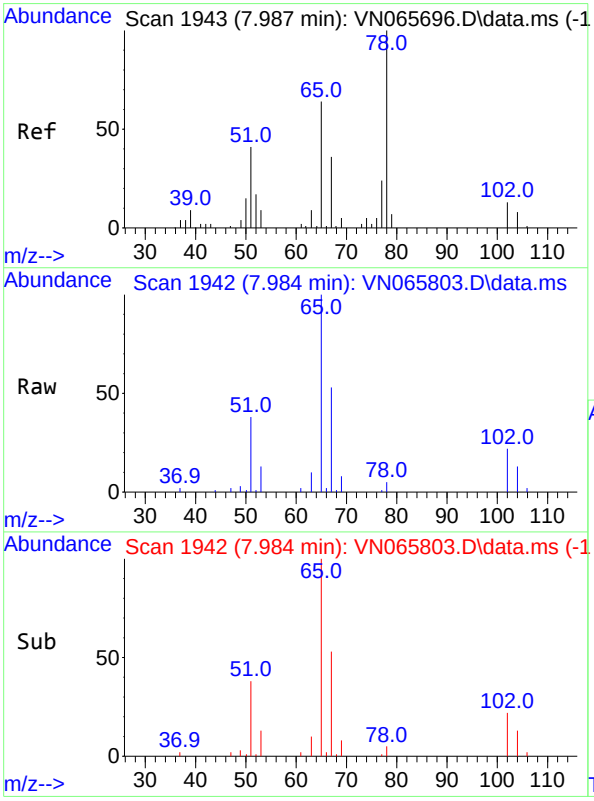
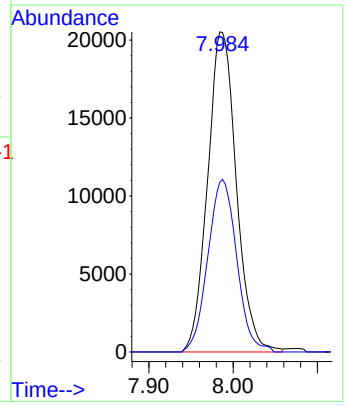
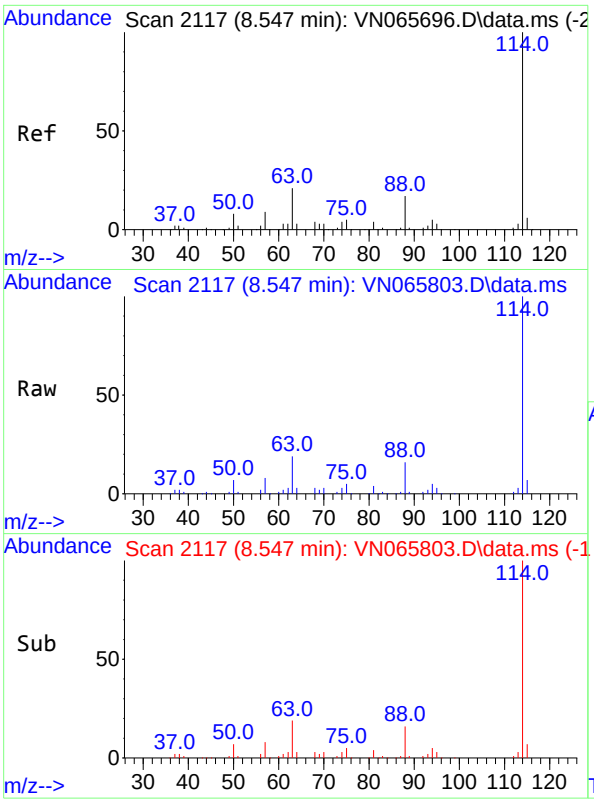


#27
1,2-Dichloroethane-d4
Concen: 29.84 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 65 Resp: 48692

Ion	Ratio	Lower	Upper
65	100		
67	54.1	42.8	64.2

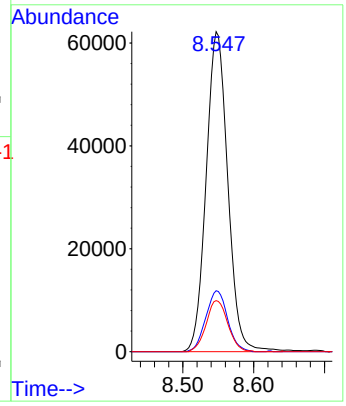




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:114 Resp: 131679

Ion	Ratio	Lower	Upper
114	100		
63	19.2	14.7	22.1
88	16.0	11.7	17.5



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

Manual Integrations APPROVED
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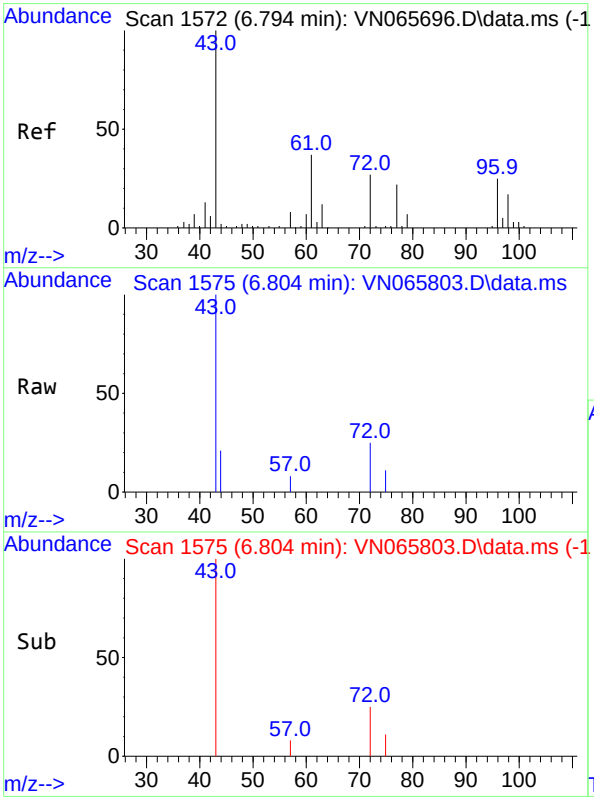
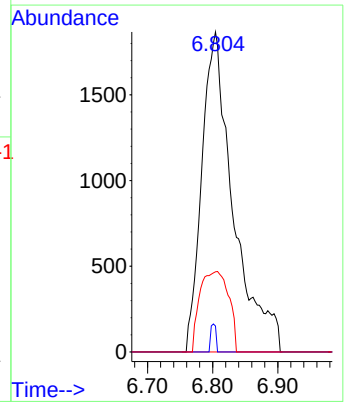
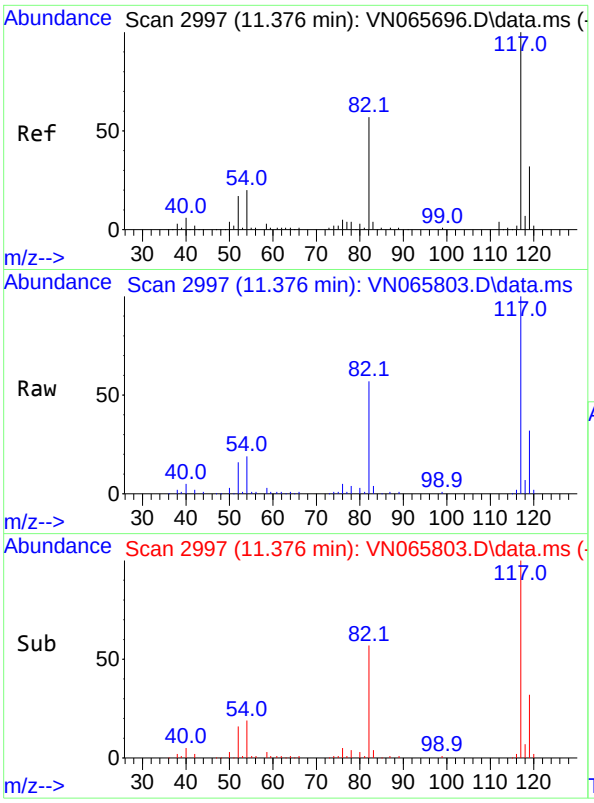


#30
2-Butanone
Concen: 6.60 ug/l m
RT: 6.804 min Scan# 1575
Delta R.T. 0.010 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 43 Resp: 6281

Ion	Ratio	Lower	Upper
43	100		
57	1.4	7.0	10.4#
72	22.9	23.6	35.4#

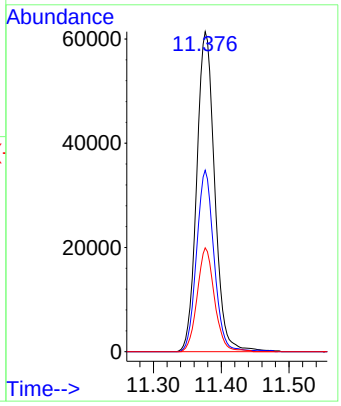




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:117 Resp: 113073

Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.3	61.9
119	31.3	25.7	38.5



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

Manual Integrations APPROVED
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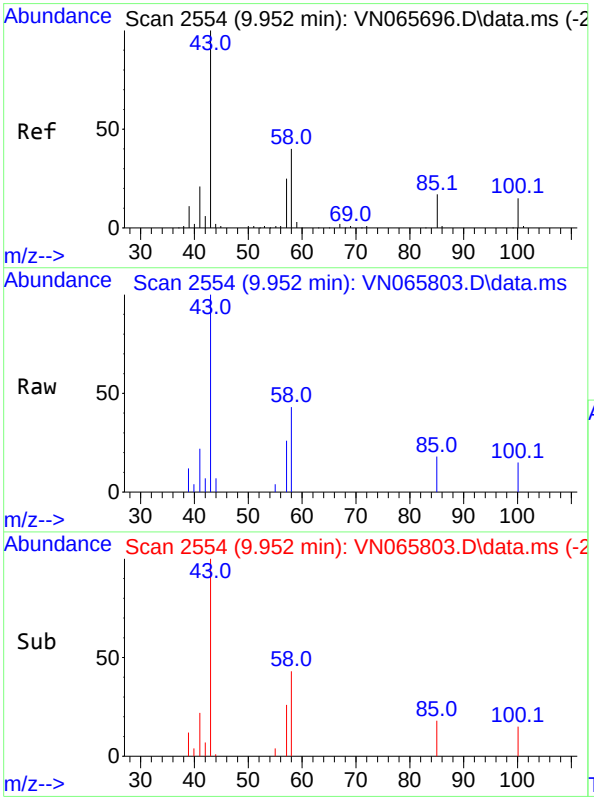
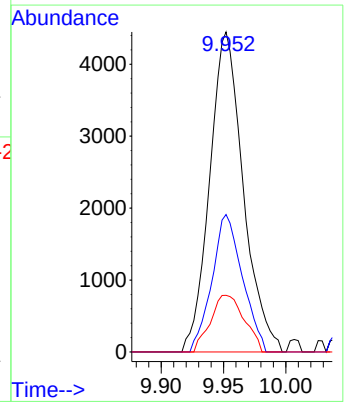
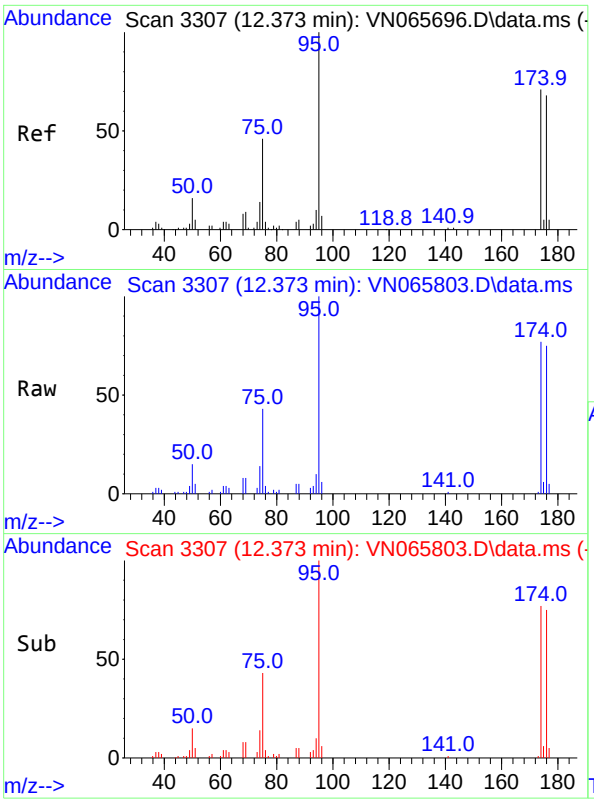


#58
4-Methyl-2-Pentanone
Concen: 4.44 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 43 Resp: 8347

Ion	Ratio	Lower	Upper
43	100		
58	39.0	32.7	49.1
85	17.8	16.0	24.0

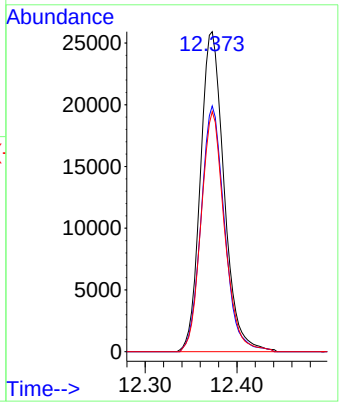




#60
4-Bromofluorobenzene
Concen: 25.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 95 Resp: 46452

Ion	Ratio	Lower	Upper
95	100		
174	76.1	77.0	115.6#
176	74.3	75.8	113.6#



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

Manual Integrations APPROVED
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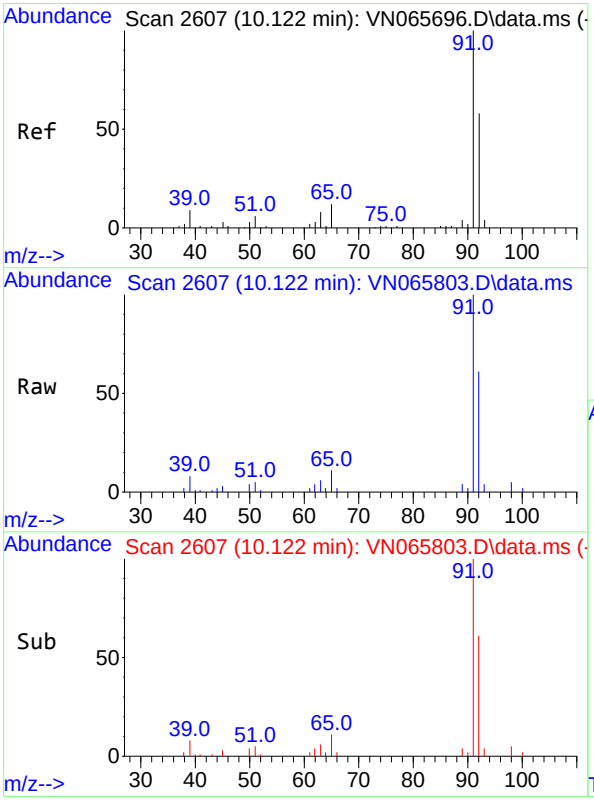
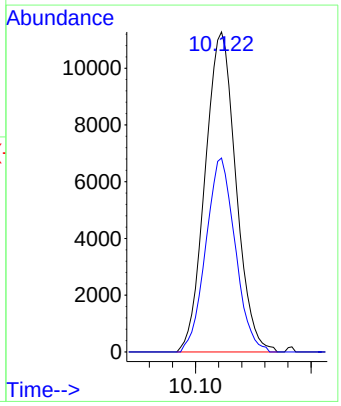
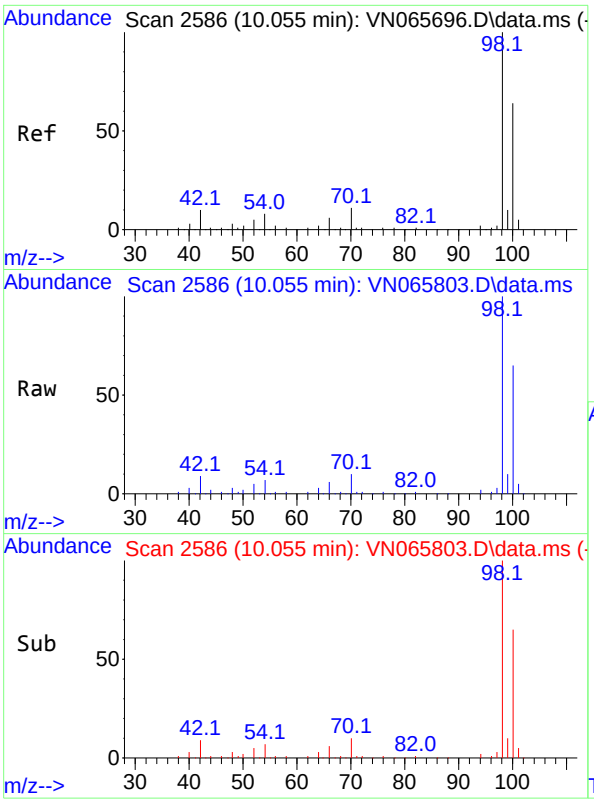


#62
Toluene
Concen: 3.16 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 91 Resp: 20866

Ion	Ratio	Lower	Upper
91	100		
92	57.9	46.2	69.4

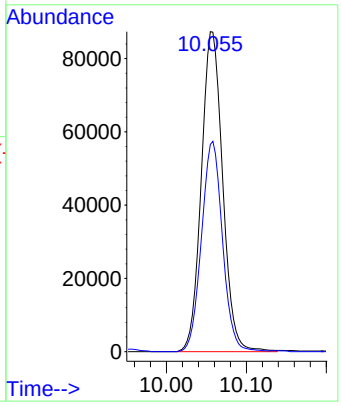




#63
Toluene-d8
Concen: 29.88 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 98 Resp: 162440

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



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

Manual Integrations APPROVED
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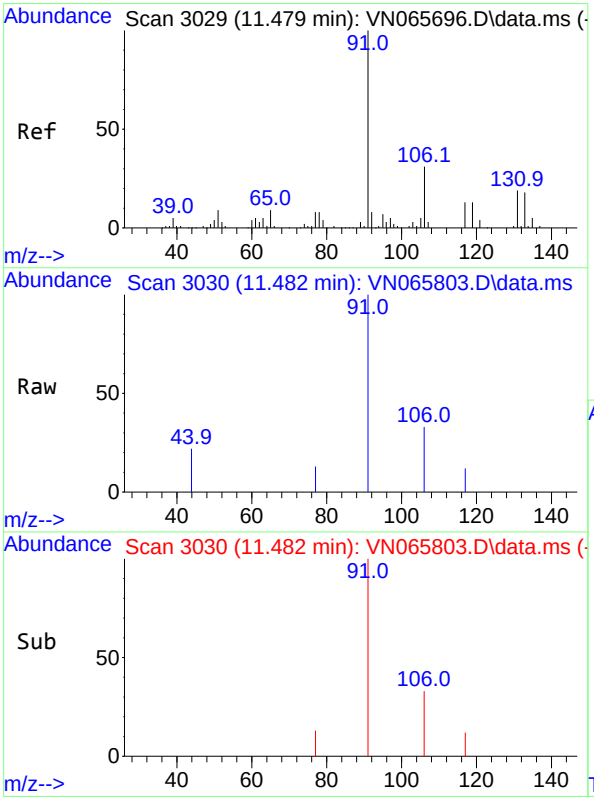
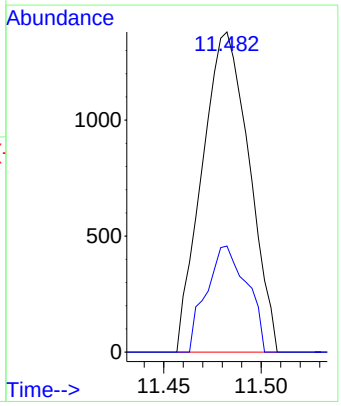
2/11/2021 1:17:51 PM

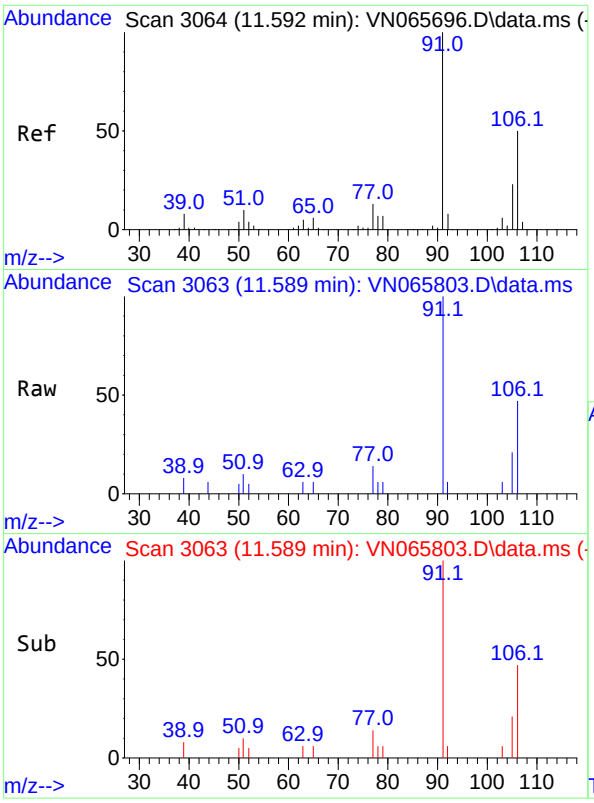


#66
Ethyl Benzene
Concen: 0.33 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion: 91 Resp: 2314

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.5	38.3

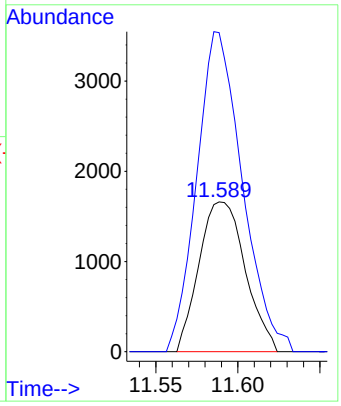




#67
m/p-Xylenes
Concen: 1.23 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:106 Resp: 3249

Ion	Ratio	Lower	Upper
106	100		
91	210.2	159.0	238.6



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

Manual Integrations APPROVED
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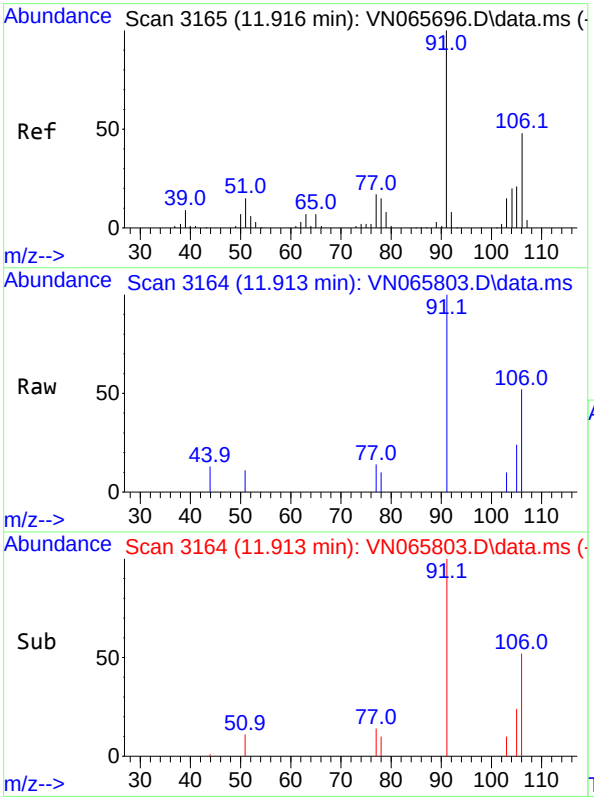
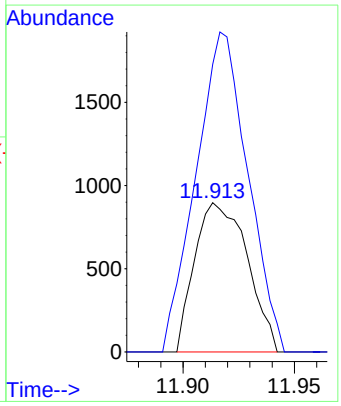
2/11/2021 1:17:51 PM

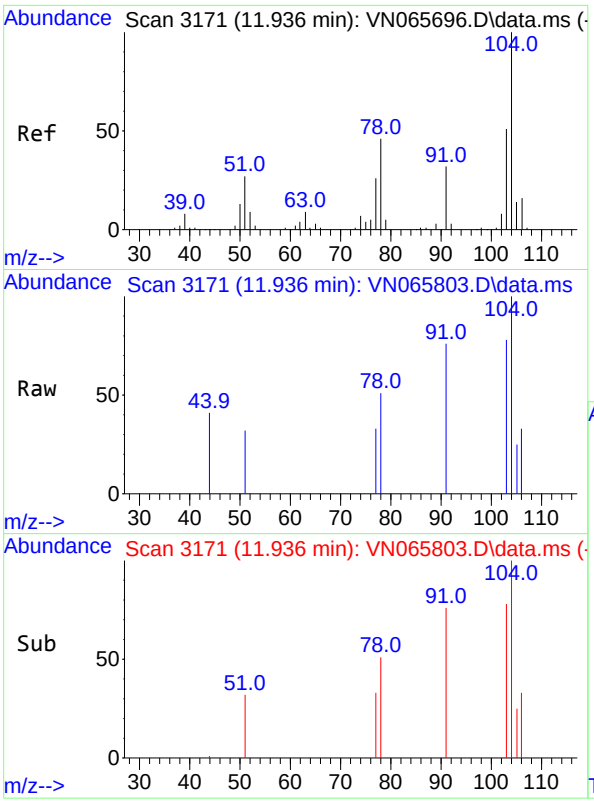


#68
o-Xylene
Concen: 0.57 ug/l
RT: 11.913 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:106 Resp: 1469

Ion	Ratio	Lower	Upper
106	100		
91	211.9	104.7	313.9

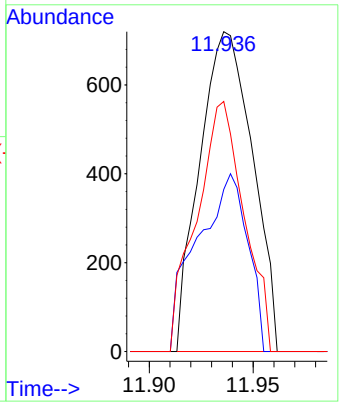




#69
Styrene
Concen: 0.31 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

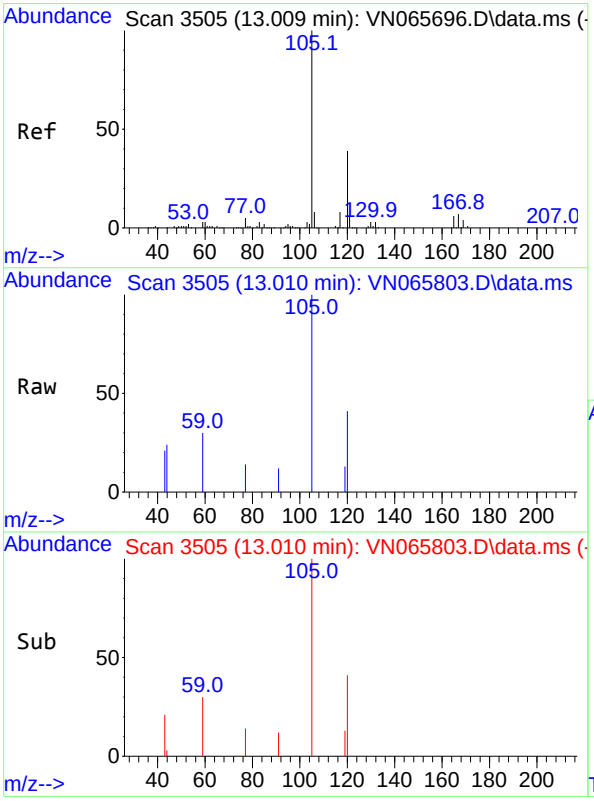
Tgt Ion:104 Resp: 1276

Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.0	57.0
103	70.3	44.3	66.5#



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

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:17:51 PM



#80
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065803.D
Acq: 10 Feb 2021 18:26

Tgt Ion:105 Resp: 2250

Ion	Ratio	Lower	Upper
105	100		
120	37.7	0.0	93.6