Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051689.D
Acq On : 5 Oct 2018 16:06
Operator : MD\SY
Sample : J5253-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

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

Quant Time: Oct 05 17:08:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	70540	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	400706	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	333886	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	147740	30.18	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.60%				
60) 4-Bromofluorobenzene	12.40	95	120991	23.75	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 79.17%				
63) Toluene-d8	10.09	98	464983	31.37	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.57%				
Target Compounds							Qvalue
15) Acetone	3.82	58	318685	1256.913	ug/l		83
25) Chloroform	7.37	83	113808	14.951	ug/l		99
30) 2-Butanone	6.85	43	11283	8.699	ug/l	#	86
41) Bromodichloromethane	9.40	83	11041	1.812	ug/l		95
58) 4-Methyl-2-Pentanone	9.99	43	6191	2.258	ug/l	#	92
61) Tetrachloroethene	10.63	164	838	0.213	ug/l	#	81
62) Toluene	10.16	91	2176251	128.672	ug/l		99
66) Ethyl Benzene	11.51	91	4803	0.252	ug/l		95
67) m/p-Xylenes	11.62	106	1628	0.214	ug/l		82
82) p-Isopropyltoluene	13.29	119	90683	4.999	ug/l		97
89) 1,2,4-Trichlorobenzene	14.91	180	386	6.906	ug/l	#	76
91) Naphthalene	15.14	128	2136	0.266	ug/l	#	82

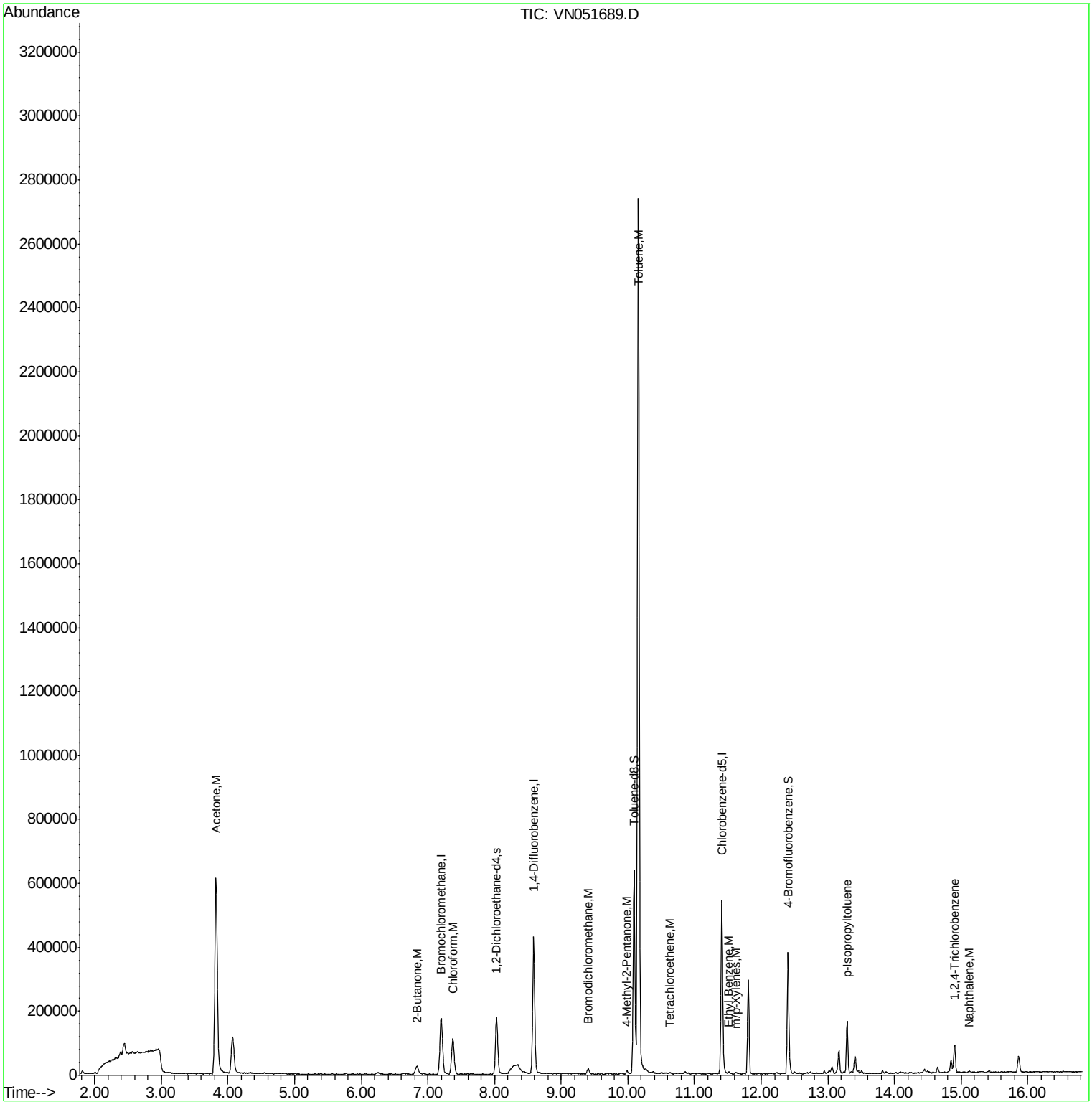
(#) = qualifier out of range (m) = manual integration (+) = signals summed

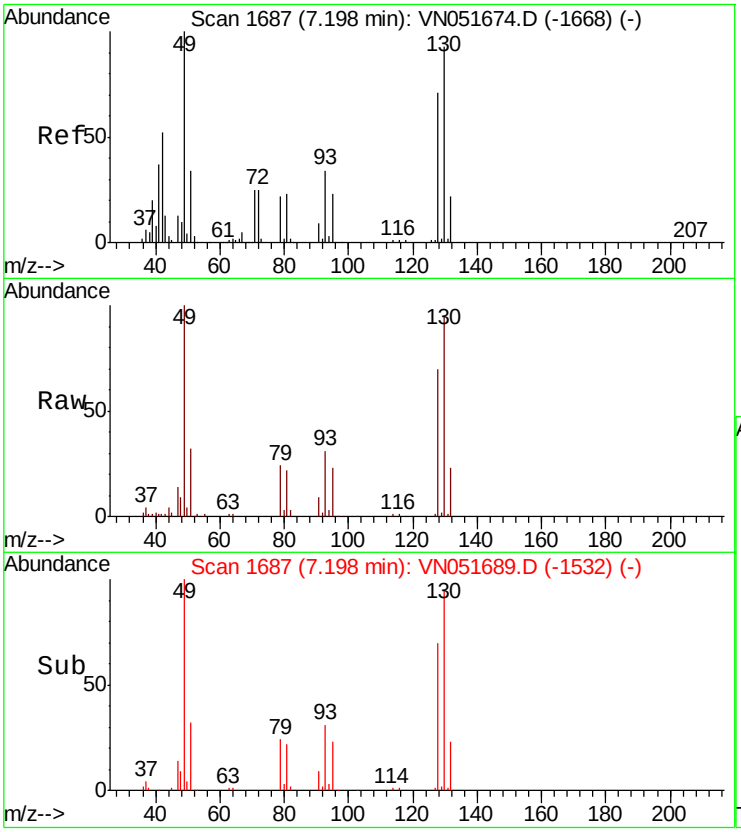
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051689.D
Acq On : 5 Oct 2018 16:06
Operator : MD\SY
Sample : J5253-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

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

Quant Time: Oct 05 17:08:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration



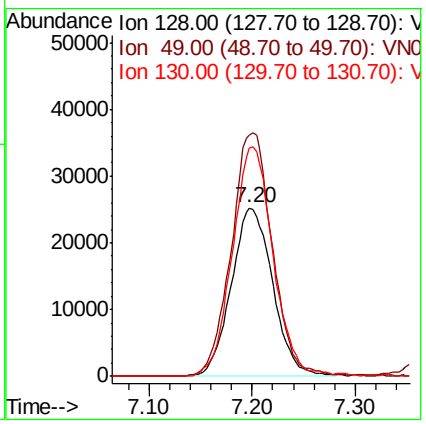


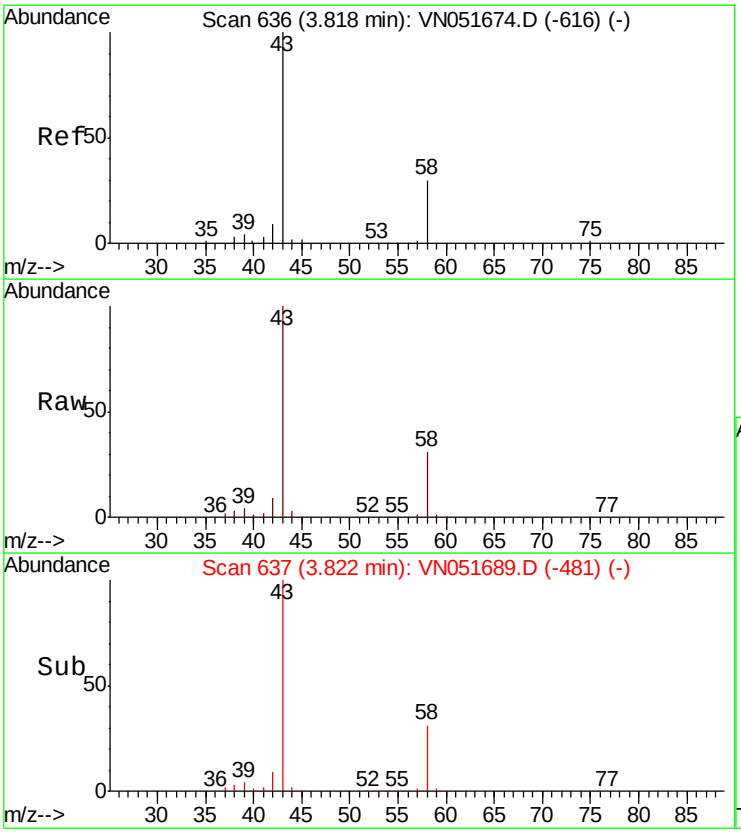
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion:128 Resp: 70540

Ion	Ratio	Lower	Upper
128	100		
49	143.2	0.0	403.3
130	133.5	0.0	326.0

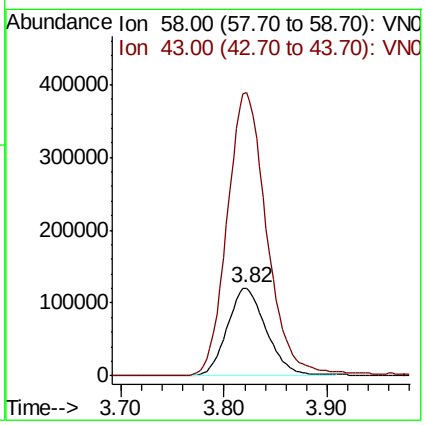


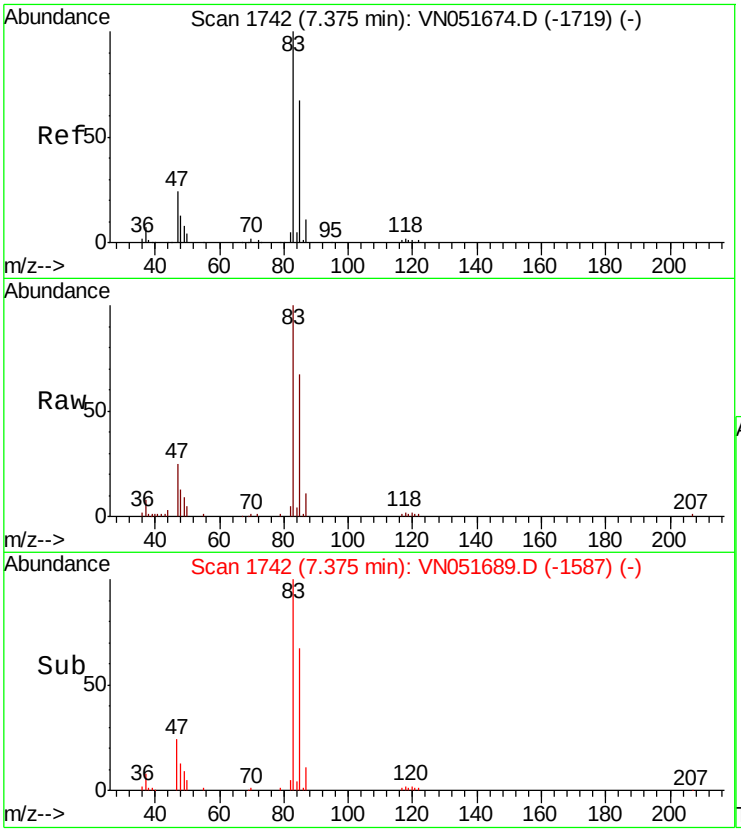


#15
Acetone
Concen: 1256.913 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 58 Resp: 318685

Ion	Ratio	Lower	Upper
58	100		
43	322.8	232.2	348.2



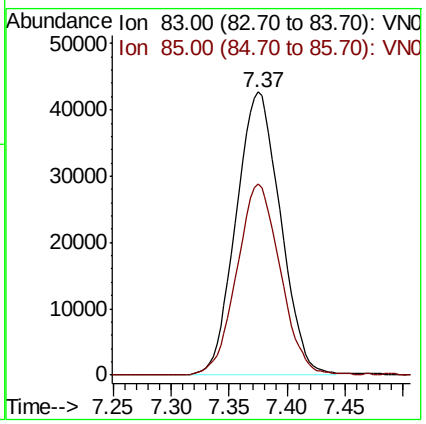


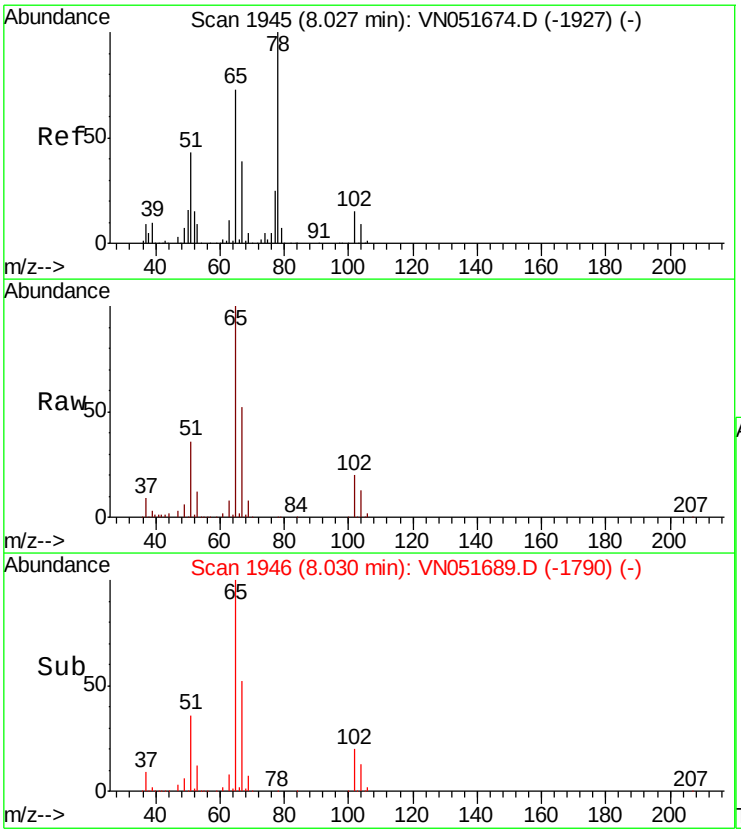
#25
Chloroform
Concen: 14.951 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion: 83 Resp: 113808

Ion	Ratio	Lower	Upper
83	100		
85	67.4	54.6	82.0

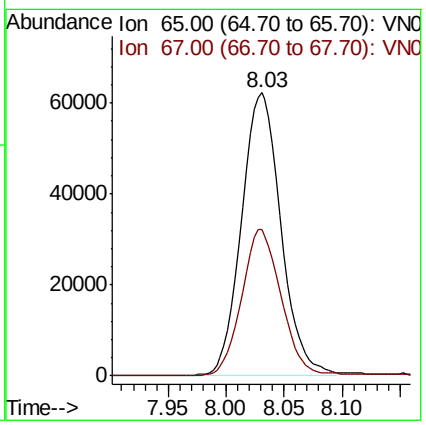


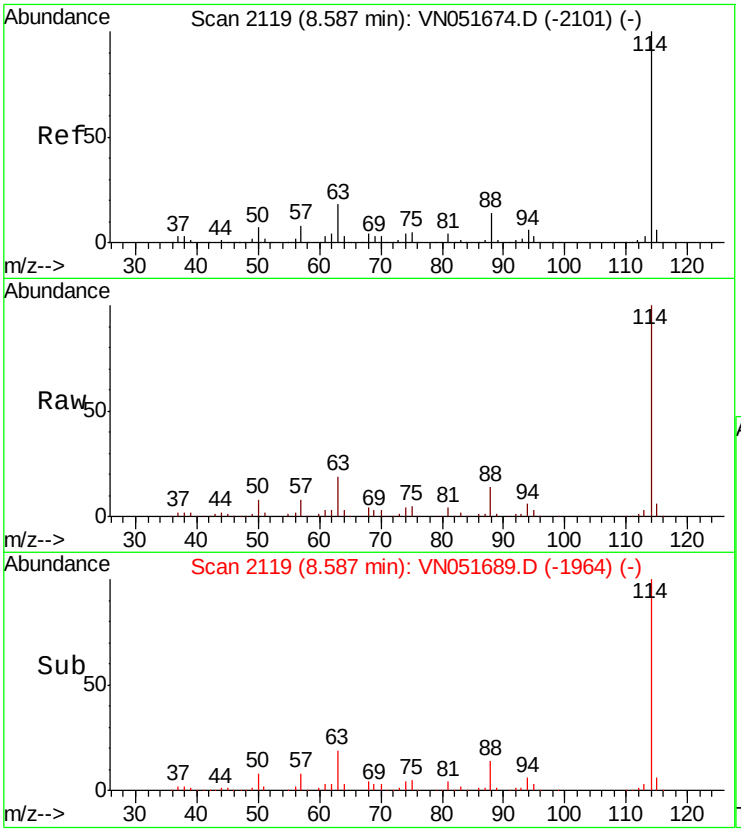


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 65 Resp: 147740

Ion	Ratio	Lower	Upper
65	100		
67	51.3	41.8	62.8



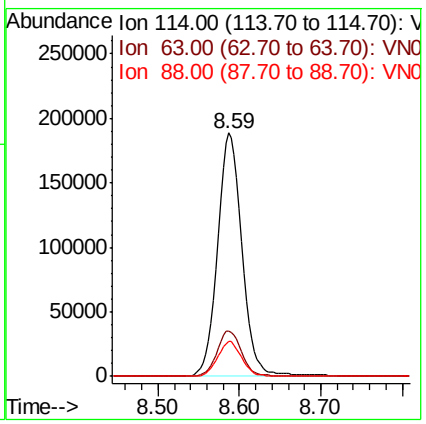


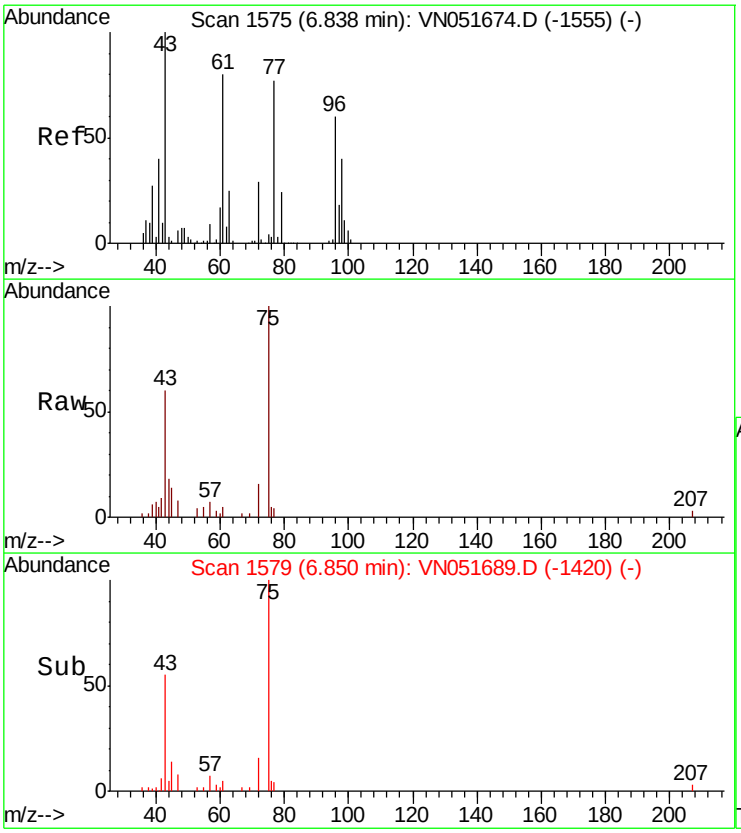
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion:114 Resp: 400706

Ion	Ratio	Lower	Upper
114	100		
63	18.7	16.2	24.2
88	14.2	12.2	18.4

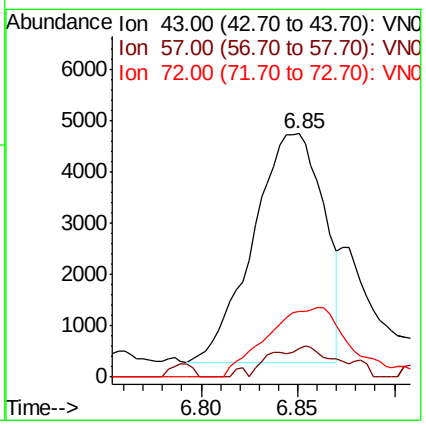


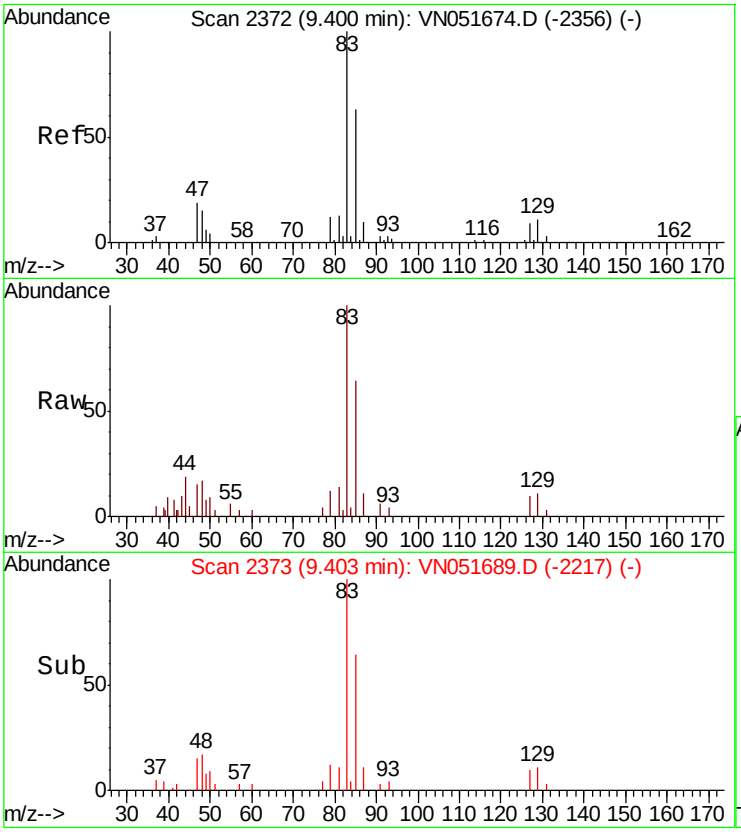


#30
2-Butanone
Concen: 8.699 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 43 Resp: 11283

Ion	Ratio	Lower	Upper
43	100		
57	7.5	4.5	6.7#
72	34.9	21.5	32.3#



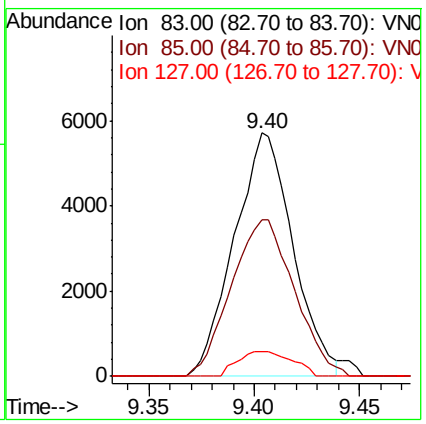


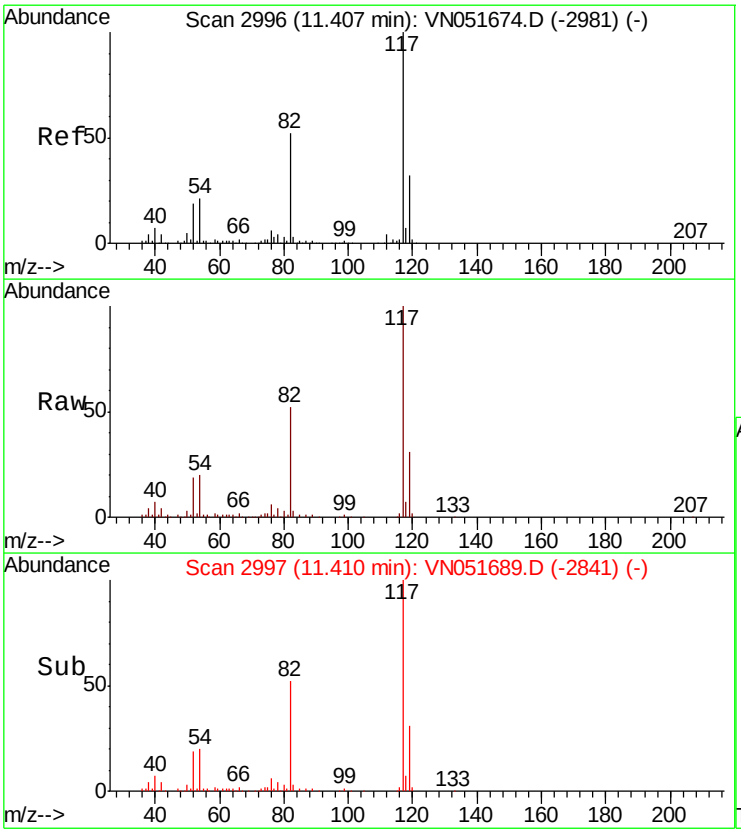
#41
Bromodichloromethane
Concen: 1.812 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion: 83 Resp: 11041

Ion	Ratio	Lower	Upper
83	100		
85	64.5	55.7	83.5
127	10.3	8.2	12.4

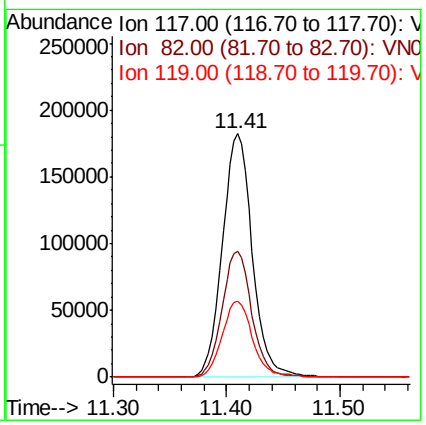


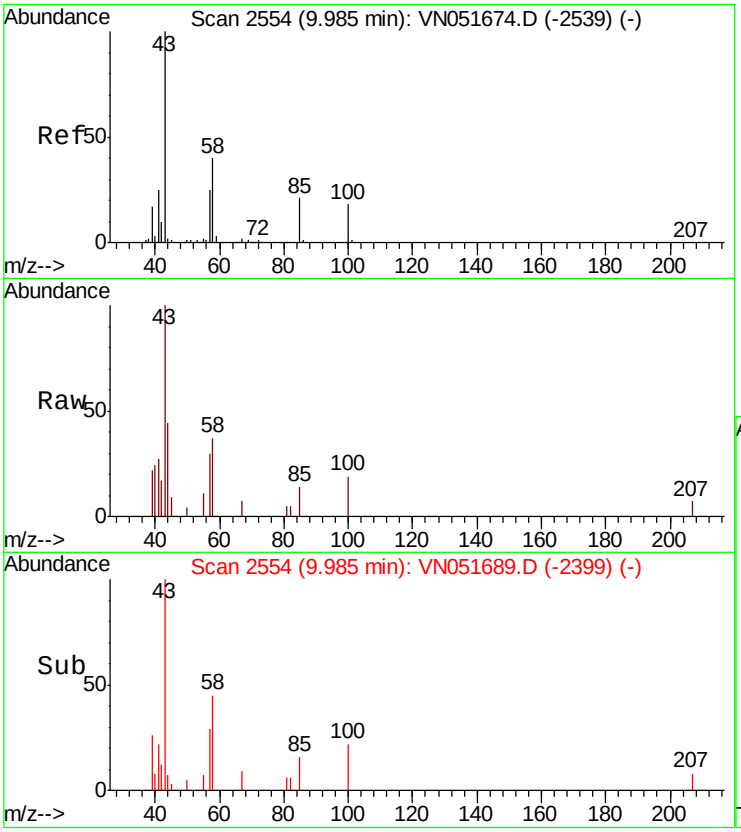


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion:117 Resp: 333886

Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.1	66.1
119	31.8	25.8	38.8



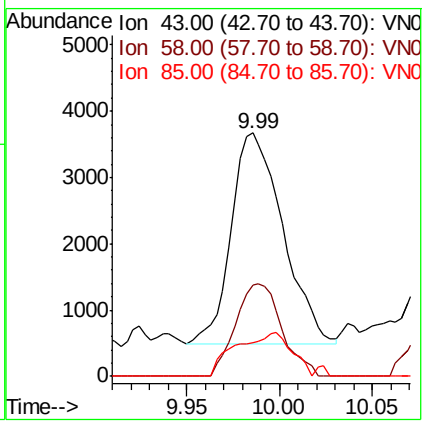


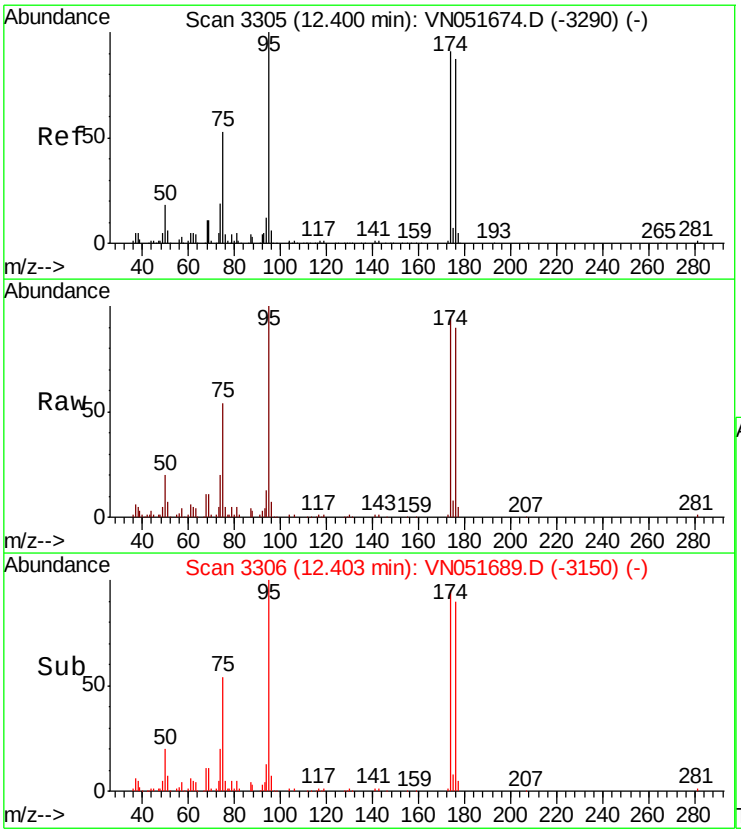
#58
4-Methyl-2-Pentanone
Concen: 2.258 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion: 43 Resp: 6191

Ion	Ratio	Lower	Upper
43	100		
58	39.0	29.3	43.9
85	22.4	12.6	18.8#

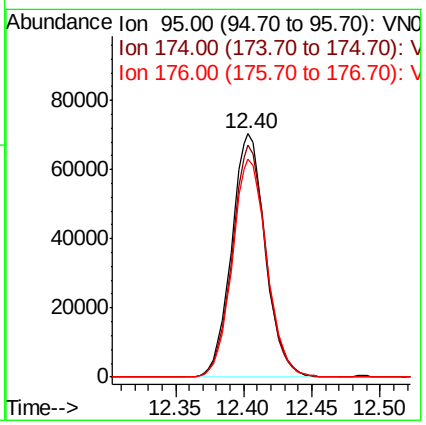


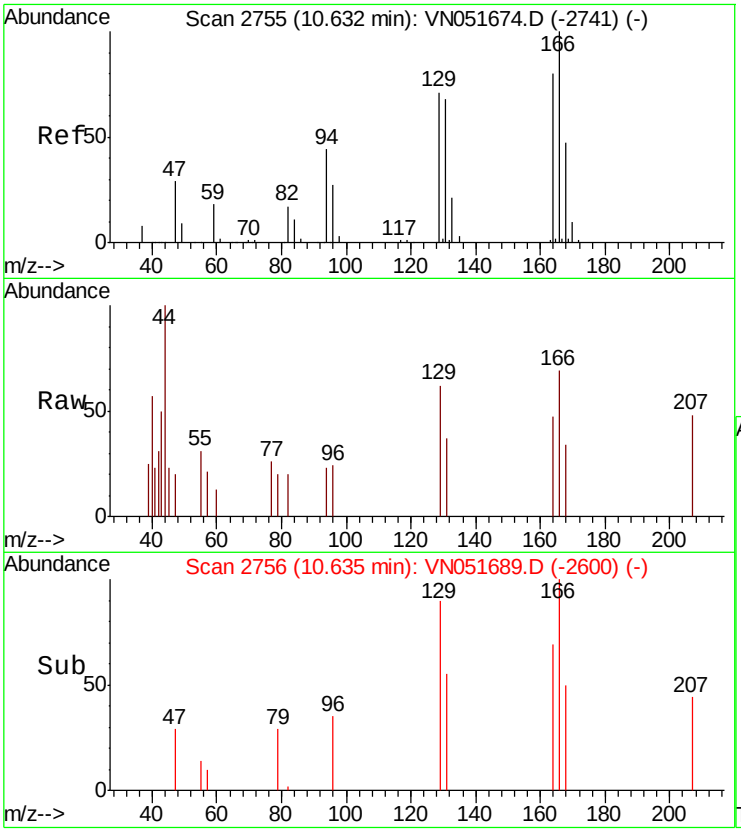


#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 95 Resp: 120991

Ion	Ratio	Lower	Upper
95	100		
174	94.7	73.5	110.3
176	91.2	70.2	105.2



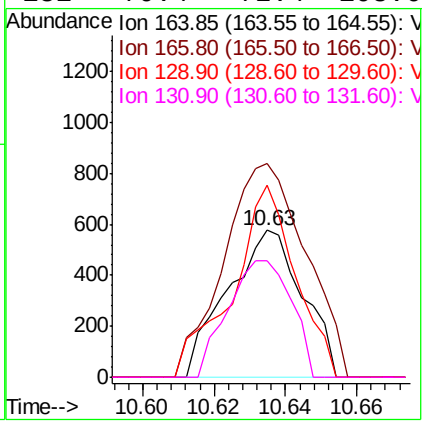


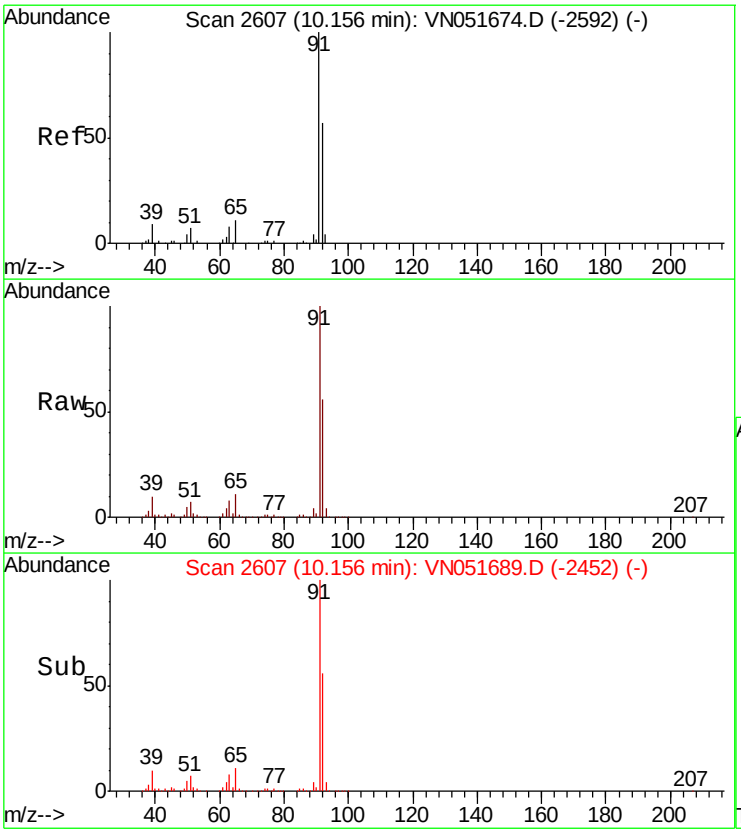
#61
Tetrachloroethene
Concen: 0.213 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion:164 Resp: 838

Ion	Ratio	Lower	Upper
164	100		
166	118.0	98.7	148.1
129	131.0	69.6	104.4#
131	79.4	72.4	108.6

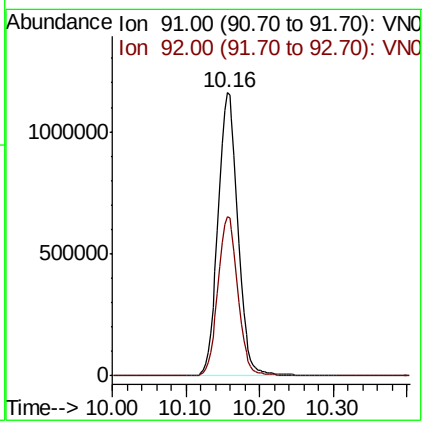


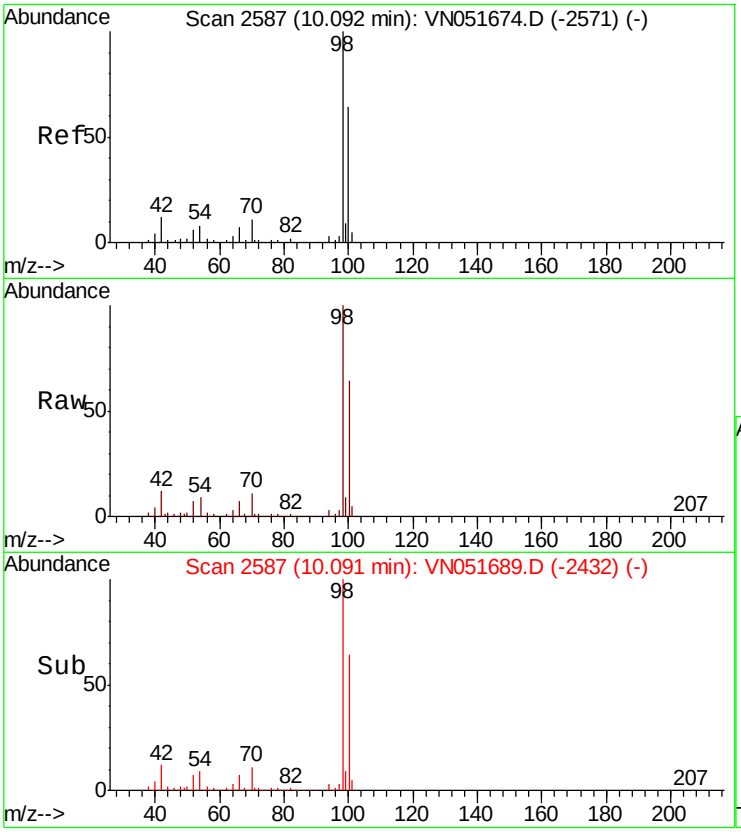


#62
Toluene
Concen: 128.672 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 91 Resp: 2176251

Ion	Ratio	Lower	Upper
91	100		
92	56.5	44.6	66.8



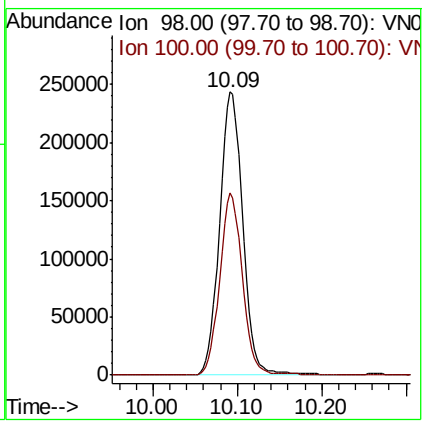


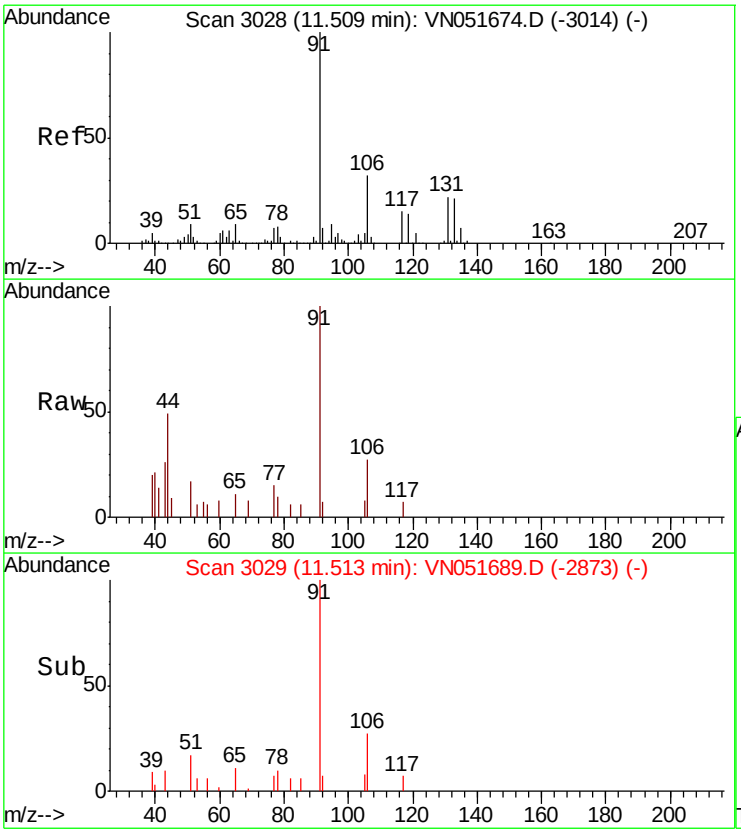
#63
Toluene-d8
Concen: 128.672 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion: 98 Resp: 464983

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.8	76.2

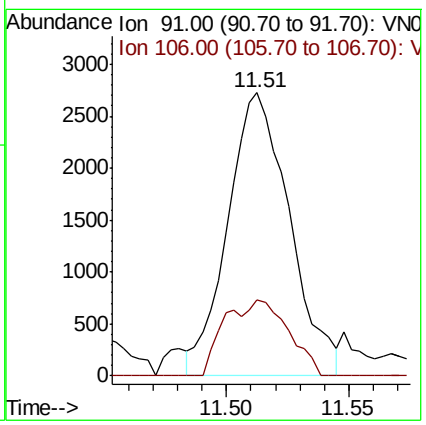


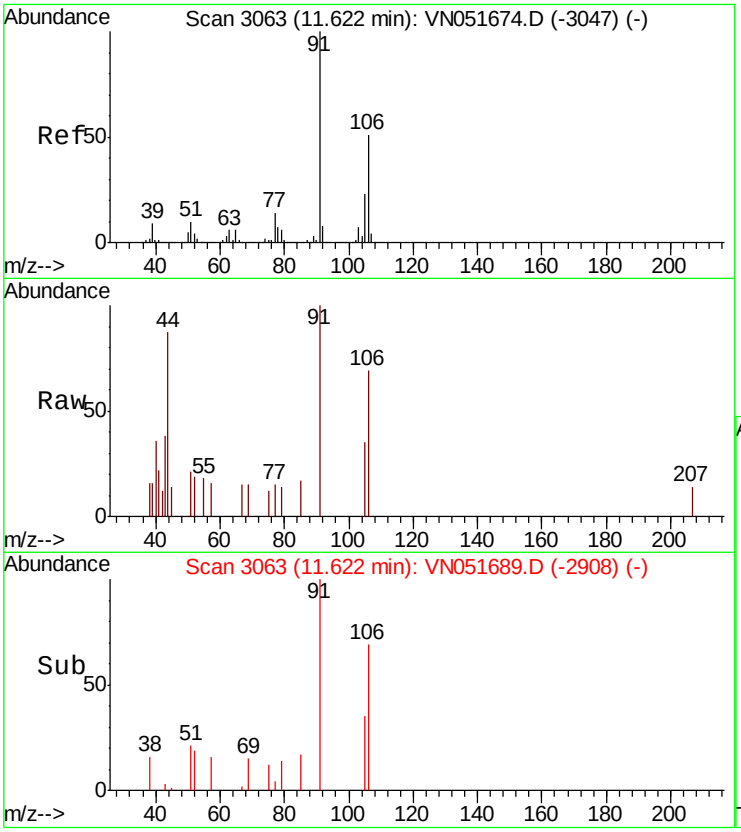


#66
Ethyl Benzene
Concen: 0.252 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion: 91 Resp: 4803

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.9	38.9



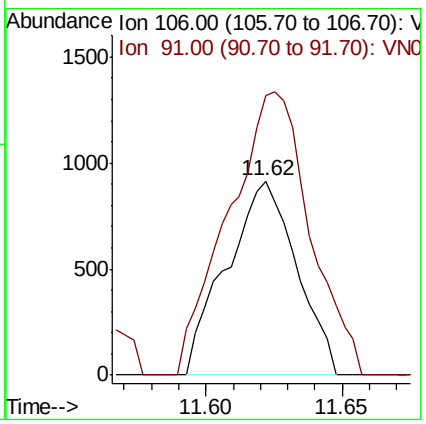


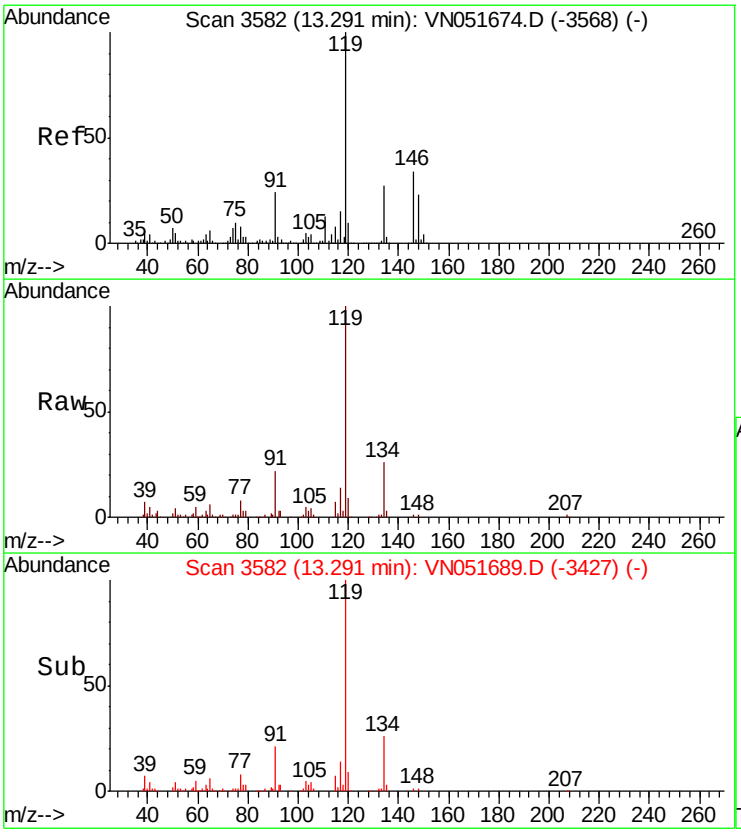
#67
m/p-Xylenes
Concen: 0.214 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion:106 Resp: 1628

Ion	Ratio	Lower	Upper
106	100		
91	170.8	158.8	238.2

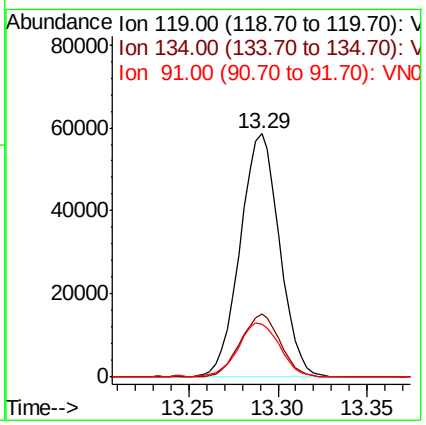


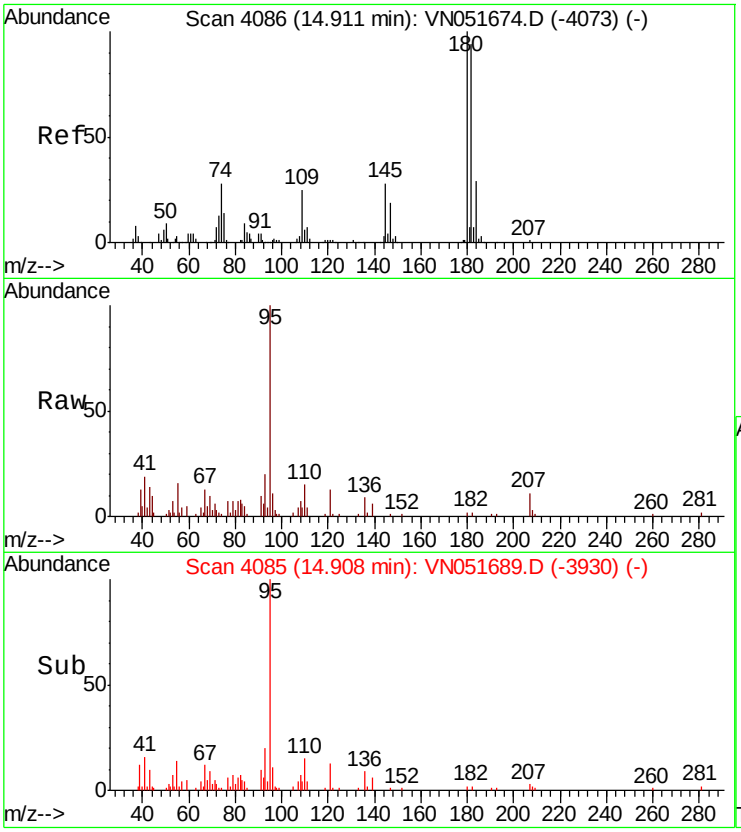


#82
p-Isopropyltoluene
Concen: 4.999 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion:119 Resp: 90683

Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	53.6
91	23.6	0.0	52.0



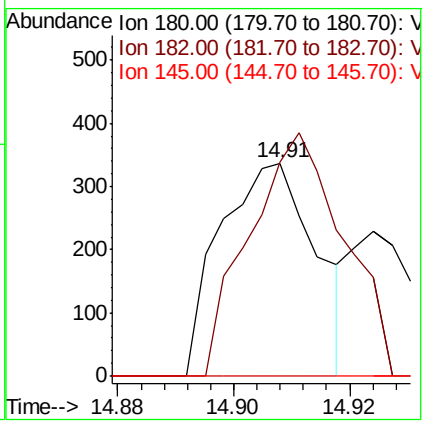


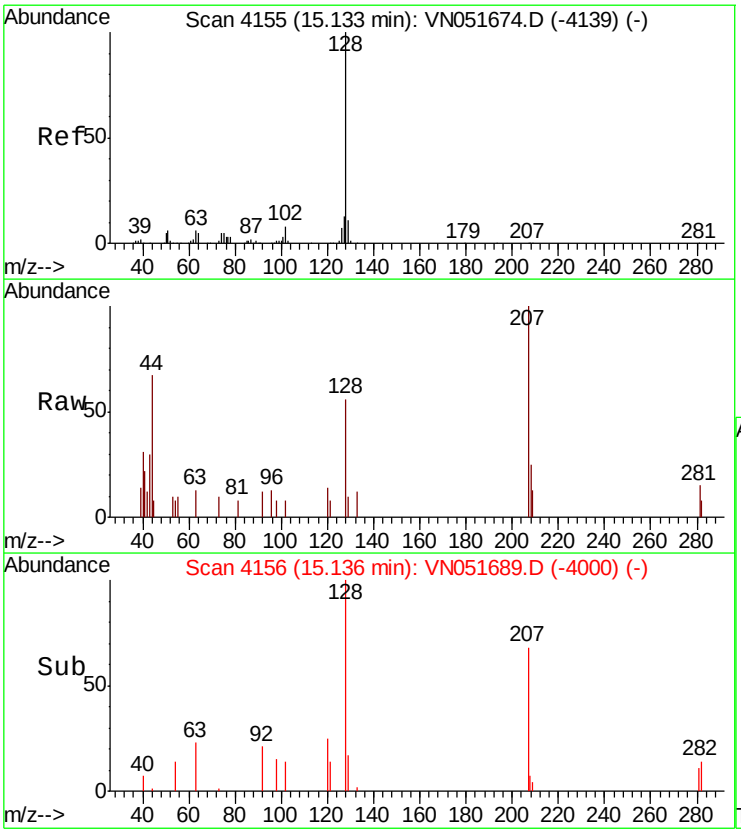
#89
1,2,4-Trichlorobenzene
Concen: 6.906 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

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

Tgt Ion:180 Resp: 386

Ion	Ratio	Lower	Upper
180	100		
182	112.2	77.7	116.5
145	0.0	23.4	35.2#





#91
Naphthalene
Concen: 0.266 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051689.D
Acq: 5 Oct 2018 16:06

Tgt Ion:128 Resp: 2136

Ion	Ratio	Lower	Upper
128	100		
127	3.0	10.1	15.1#
129	6.7	8.4	12.6#