Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051635.D
Acq On : 1 Oct 2018 14:04
Operator : MD\SY
Sample : J5166-01
Misc : Sample
ALS Vial : 11 Sample Multiplier: 28

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

Quant Time: Oct 02 01:01:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	90228	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	450424	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	402812	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	193384	30.78	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.60%				
60) 4-Bromofluorobenzene	12.40	95	149439	24.13	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 80.43%				
63) Toluene-d8	10.09	98	528141	27.79	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 92.63%				
Target Compounds							Qvalue
12) Methyl Acetate	4.34	43	3035	0.631	ug/l	#	76
15) Acetone	3.82	58	926206	1834.500	ug/l		94
16) Carbon Disulfide	4.06	76	10491	0.598	ug/l	#	93
18) Methylene Chloride	4.54	84	1496	0.239	ug/l	#	63
23) tert-Butyl Alcohol	4.80	59	114	0.310	ug/l	#	100
30) 2-Butanone	6.85	43	38236	18.291	ug/l	#	91
45) 1,4-Dioxane	8.73	88	61	1.302	ug/l	#	1
56) Bromoform	12.40	173	811	0.219	ug/l	#	1
58) 4-Methyl-2-Pentanone	9.99	43	14955	3.270	ug/l		99
59) 2-Hexanone	10.75	43	711	0.236	ug/l	#	20
62) Toluene	10.16	91	8234265	333.381	ug/l		99
66) Ethyl Benzene	11.51	91	9639	0.381	ug/l		93
72) 1,2,3-Trichloropropane	12.40	75	73753	14.373	ug/l		1
77) t-1,4-Dichloro-2-butene	12.40	75	73753	45.381	ug/l	#	11
82) p-Isopropyltoluene	13.29	119	165580	7.809	ug/l		98
91) Naphthalene	15.14	128	1992	8.411	ug/l	#	82

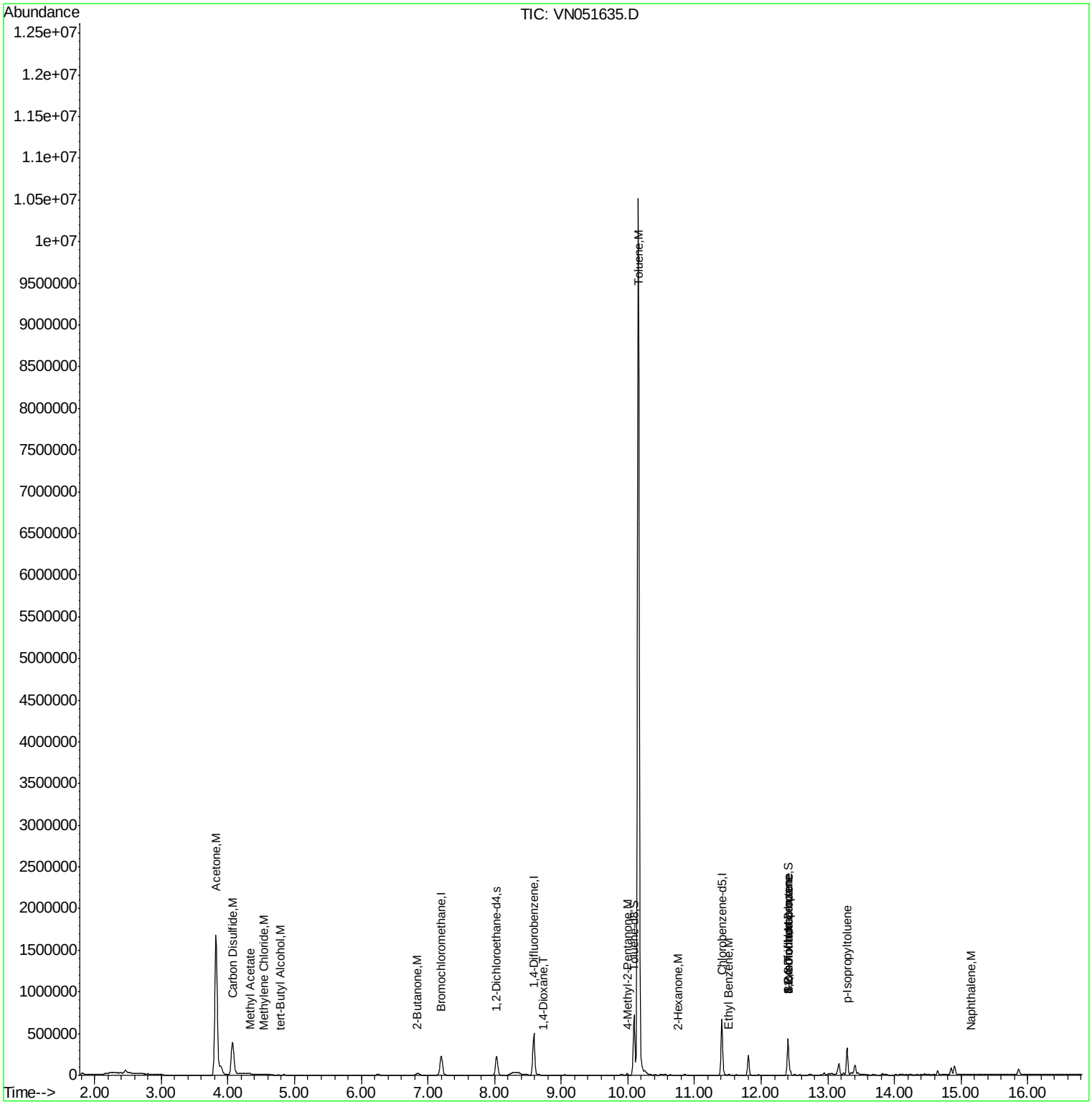
(#) = qualifier out of range (m) = manual integration (+) = signals summed

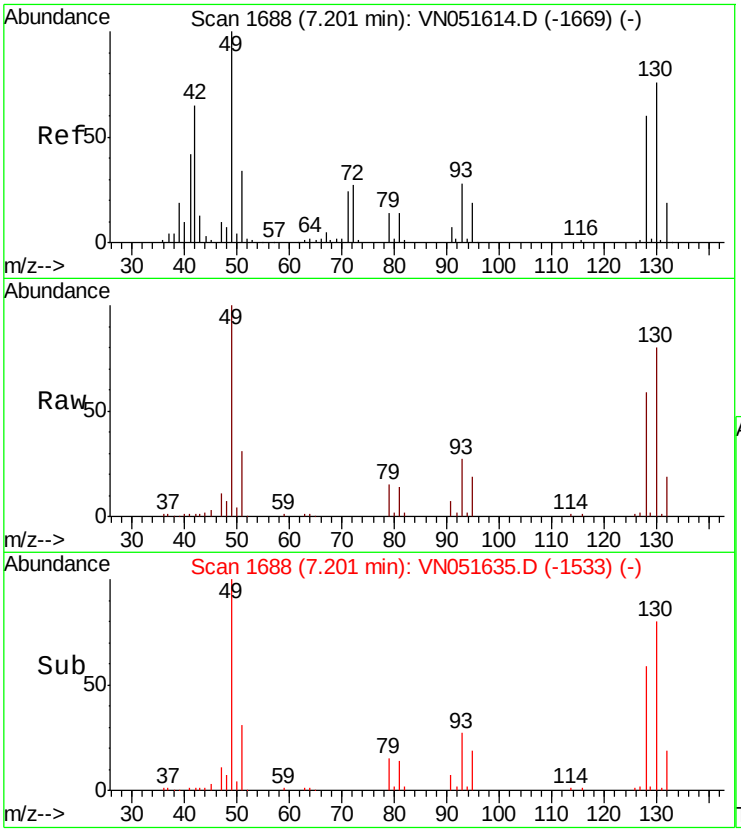
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051635.D
Acq On : 1 Oct 2018 14:04
Operator : MD\SY
Sample : J5166-01
Misc : Sample
ALS Vial : 11 Sample Multiplier: 28

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

Quant Time: Oct 02 01:01:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration



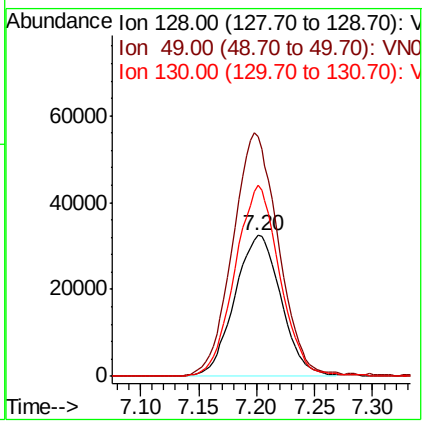


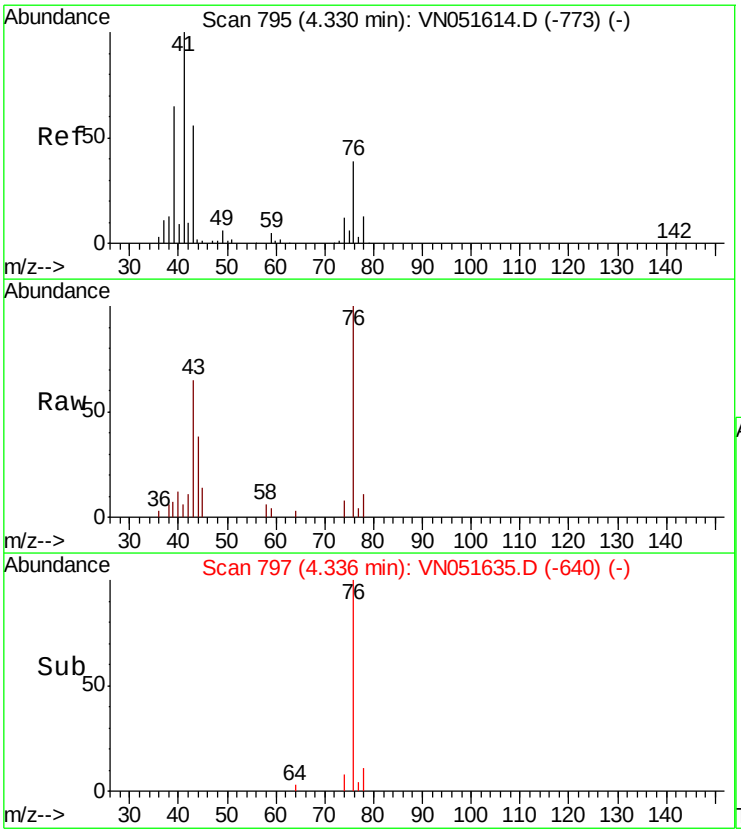
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion:128 Resp: 90228

Ion	Ratio	Lower	Upper
128	100		
49	170.2	0.0	426.8
130	131.0	0.0	326.3

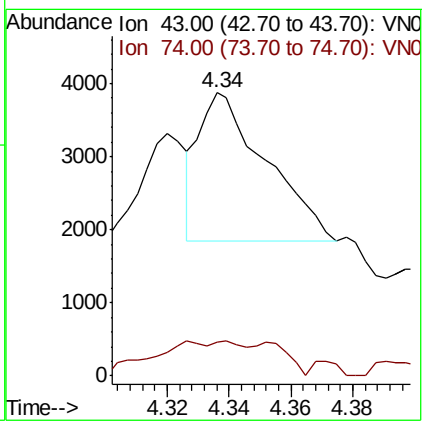


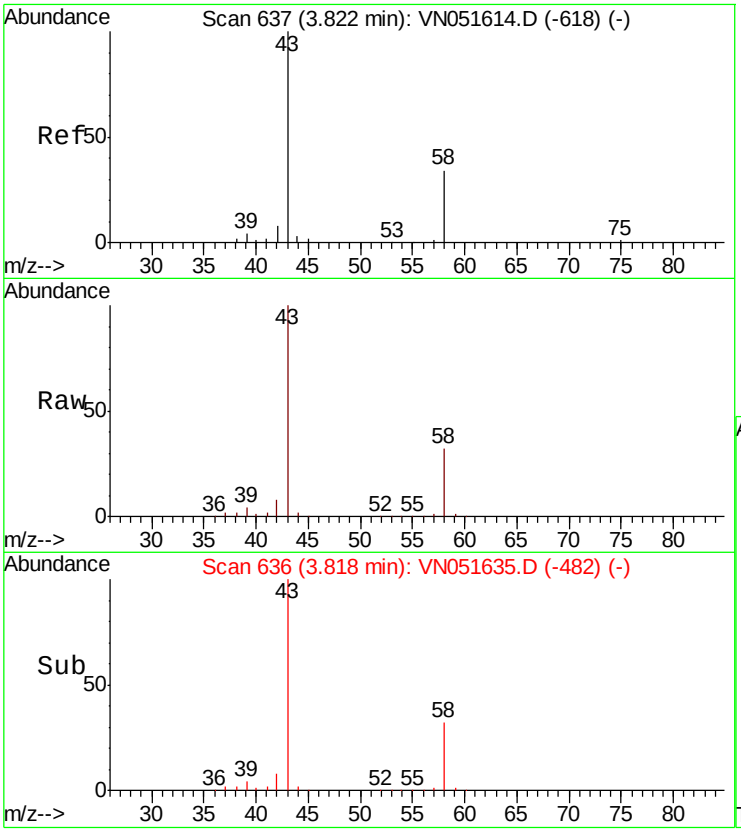


#12
Methyl Acetate
Concen: 0.631 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 43 Resp: 3035

Ion	Ratio	Lower	Upper
43	100		
74	9.7	17.0	25.4#



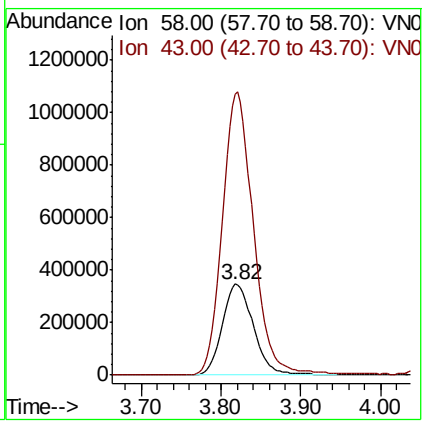


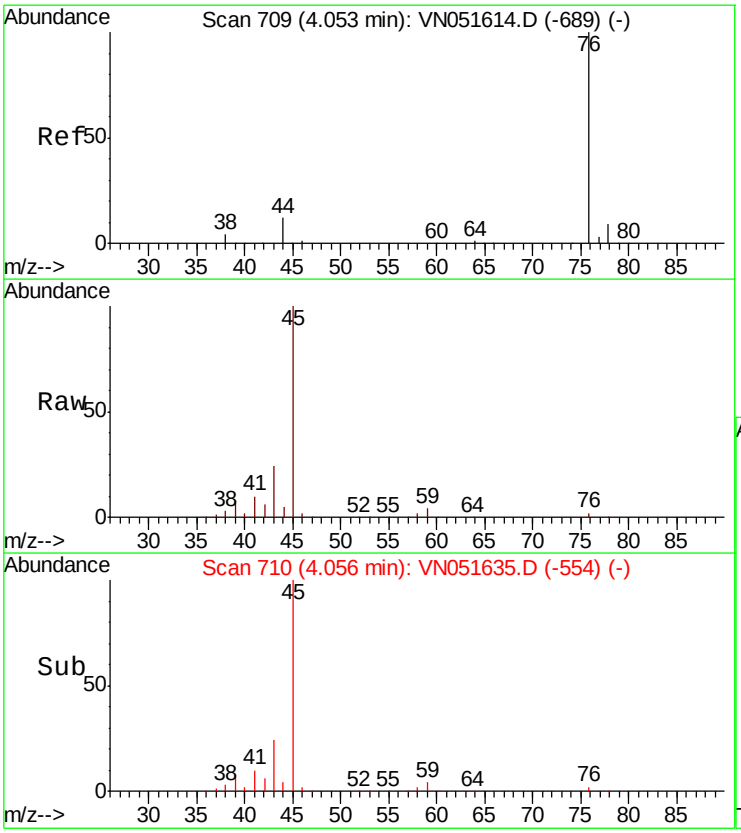
#15
Acetone
Concen: 1834.500 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 58 Resp: 926206

Ion	Ratio	Lower	Upper
58	100		
43	308.9	238.0	357.0

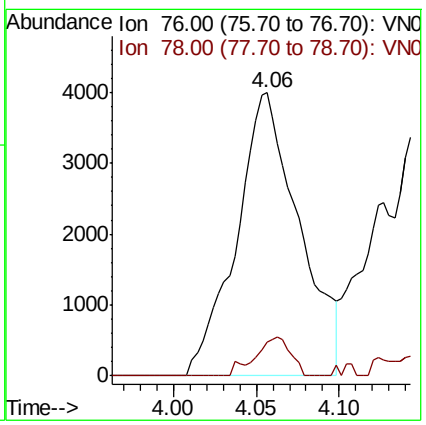


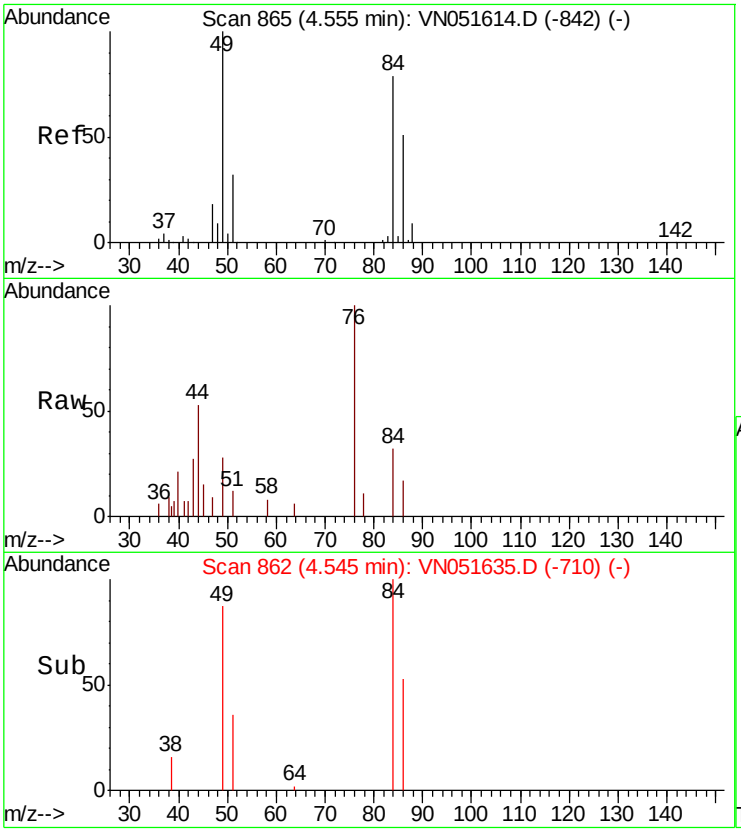


#16
Carbon Disulfide
Concen: 0.598 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 76 Resp: 10491

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.3	10.9#



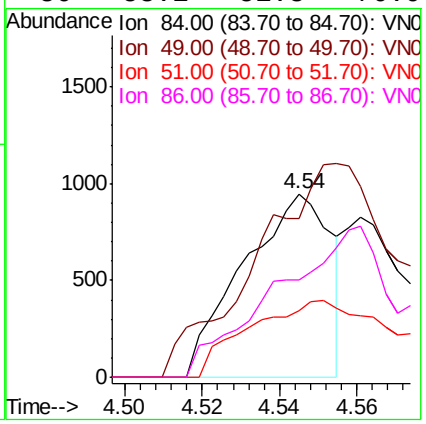


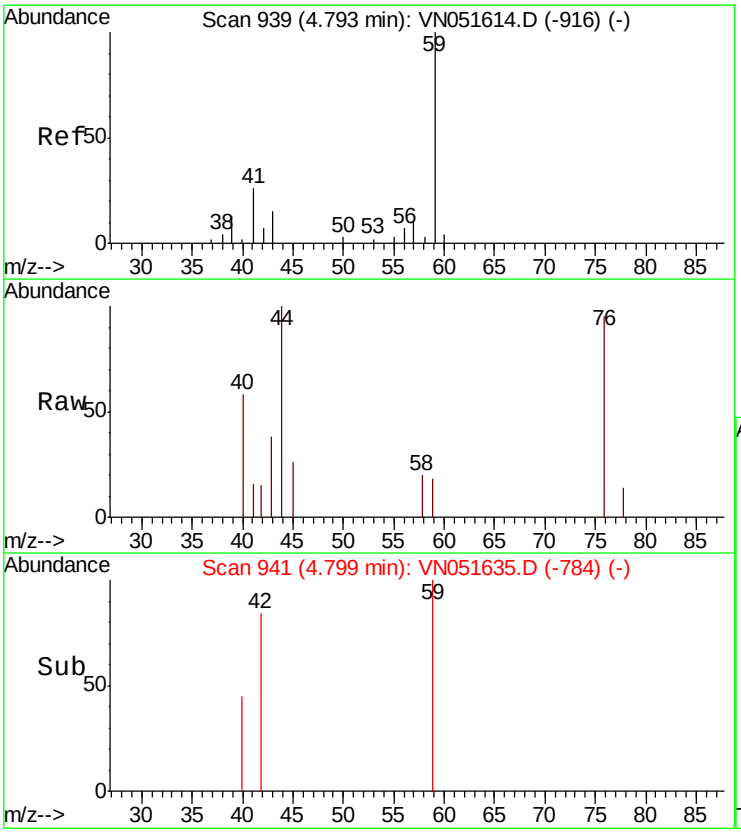
#18
Methylene Chloride
Concen: 0.239 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 84 Resp: 1496

Ion	Ratio	Lower	Upper
84	100		
49	59.1	100.9	151.3#
51	36.3	32.5	48.7
86	53.1	51.3	76.9

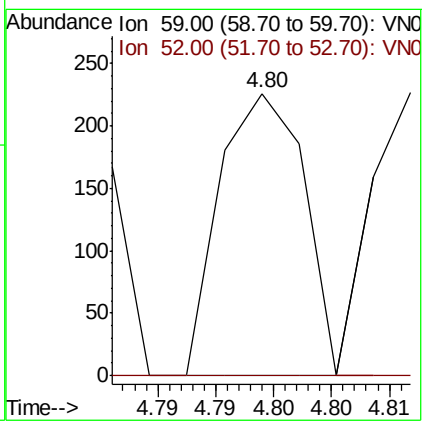


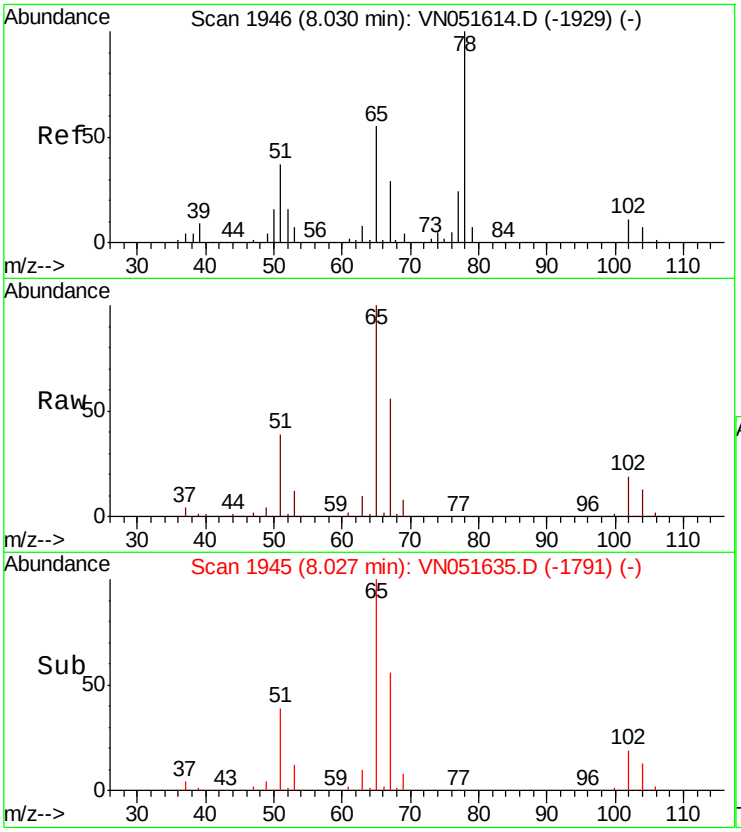


#23
tert-Butyl Alcohol
Concen: 0.310 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.01 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 59 Resp: 114

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



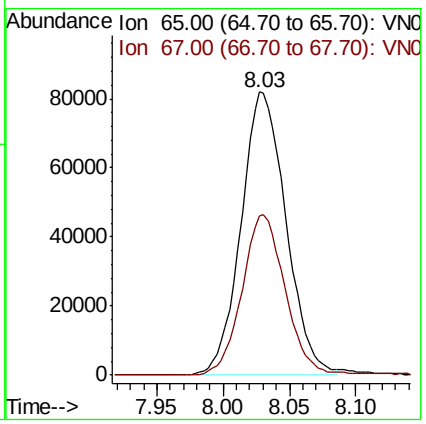


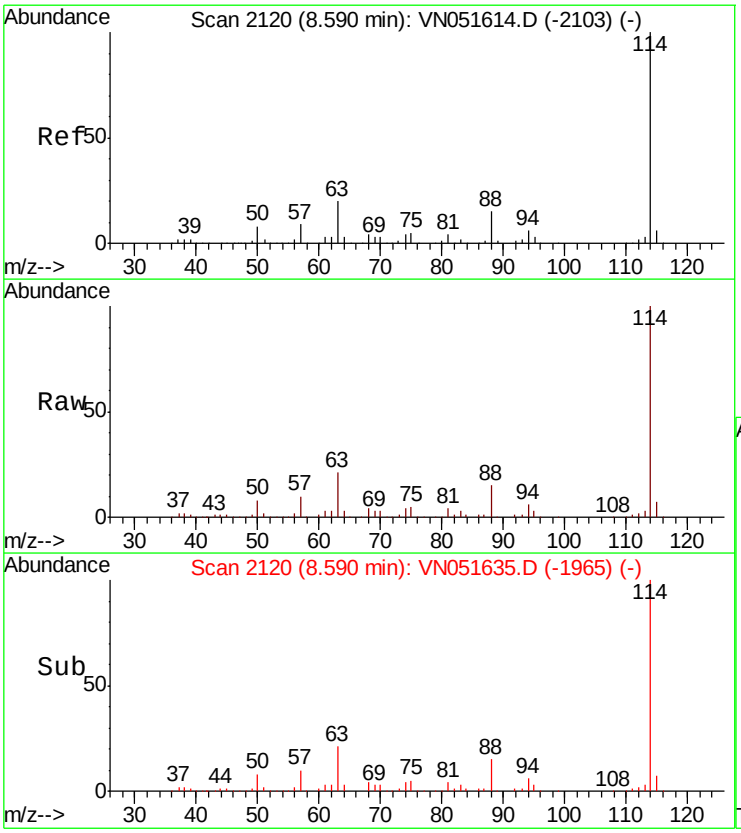
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 65 Resp: 193384

Ion	Ratio	Lower	Upper
65	100		
67	54.5	43.1	64.7

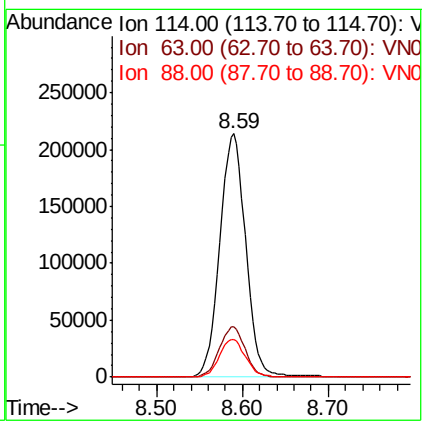


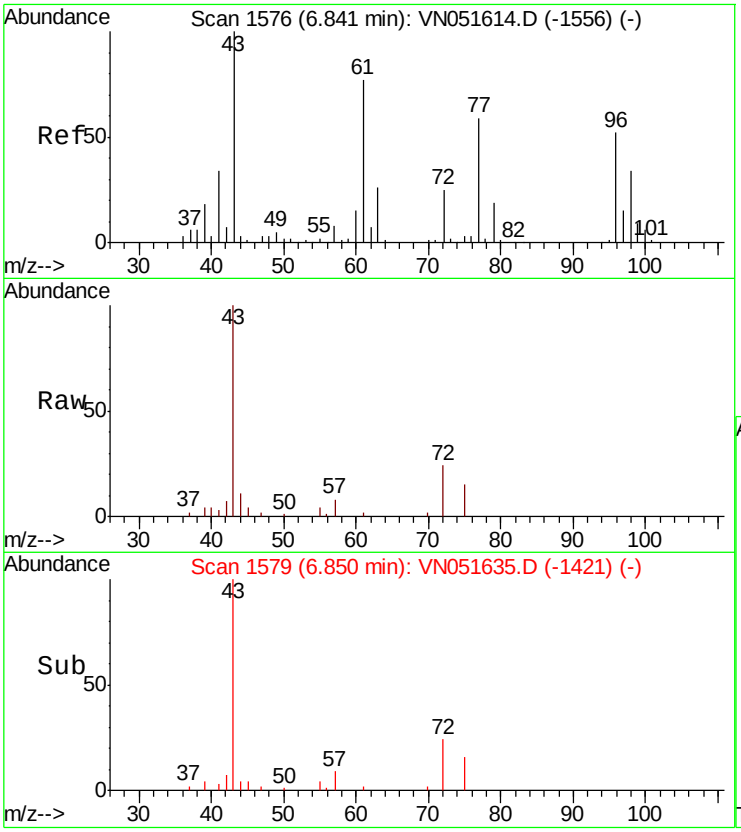


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion:114 Resp: 450424

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.4	24.6
88	15.6	12.6	18.8



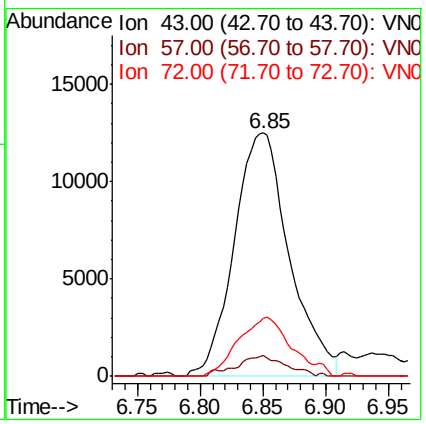


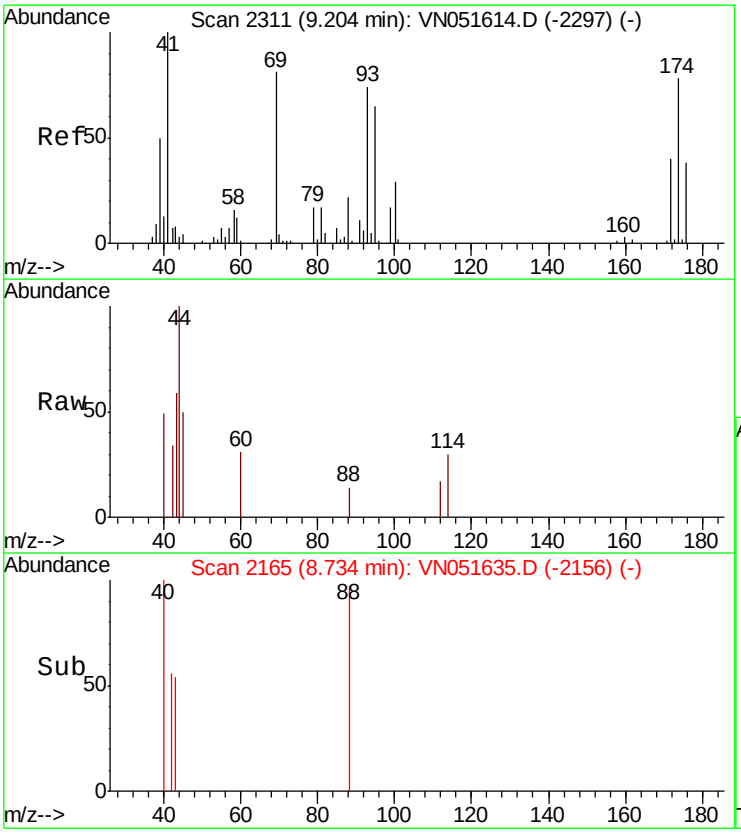
#30
2-Butanone
Concen: 18.291 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 43 Resp: 38236

Ion	Ratio	Lower	Upper
43	100		
57	2.4	6.6	10.0#
72	22.3	20.8	31.2

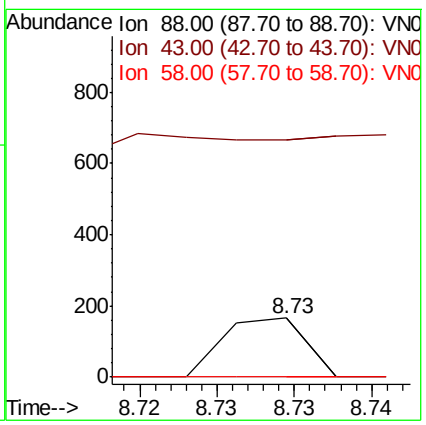


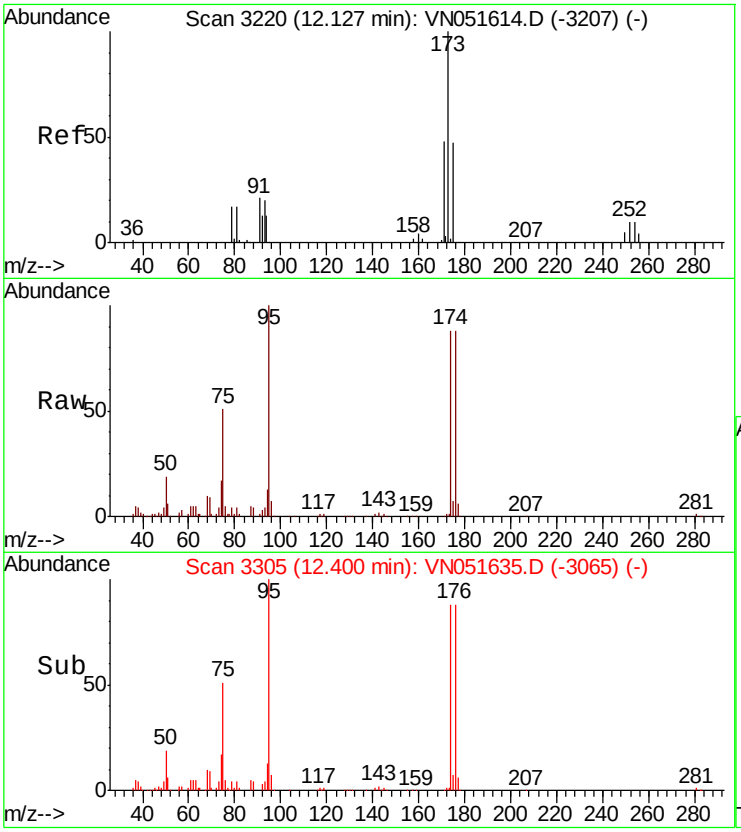


#45
1,4-Dioxane
Concen: 1.302 ug/l
RT: 8.73 min Scan# 2165
Delta R.T. -0.47 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	462.3	29.0	43.6#
58	0.0	59.0	88.6#



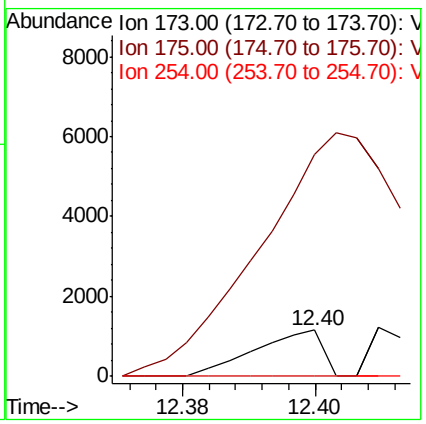


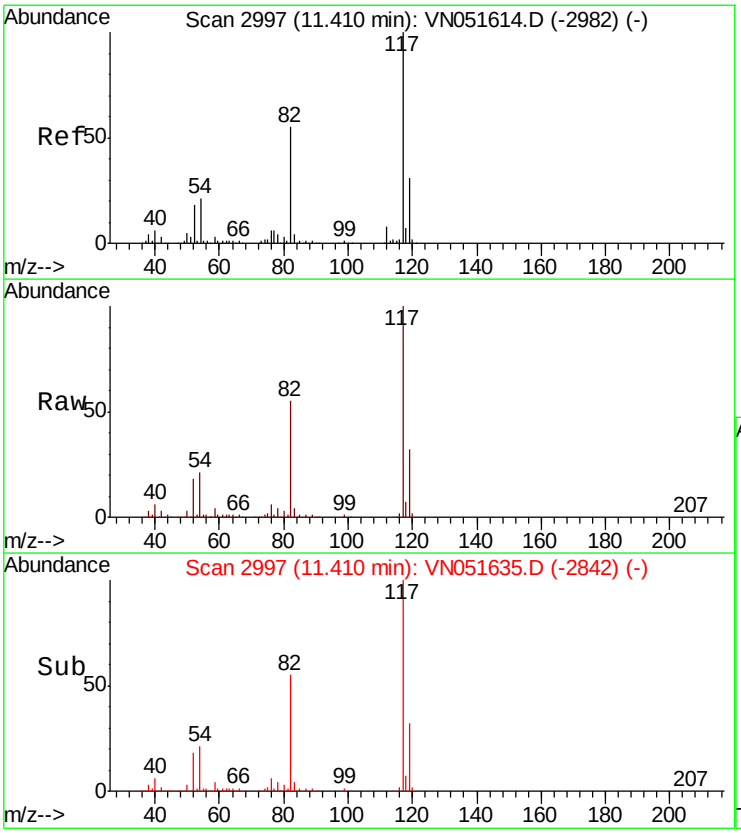
#56
Bromoform
Concen: 0.219 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion:173 Resp: 811

Ion	Ratio	Lower	Upper
173	100		
175	1252.2	39.0	58.4#
254	0.0	8.7	13.1#

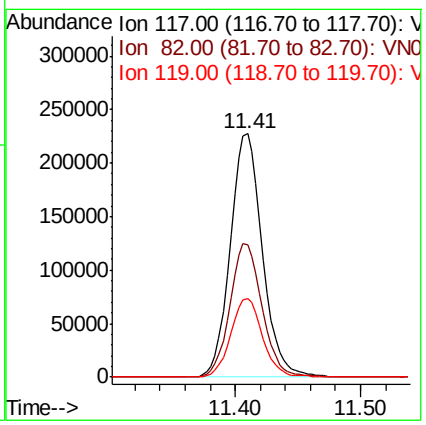


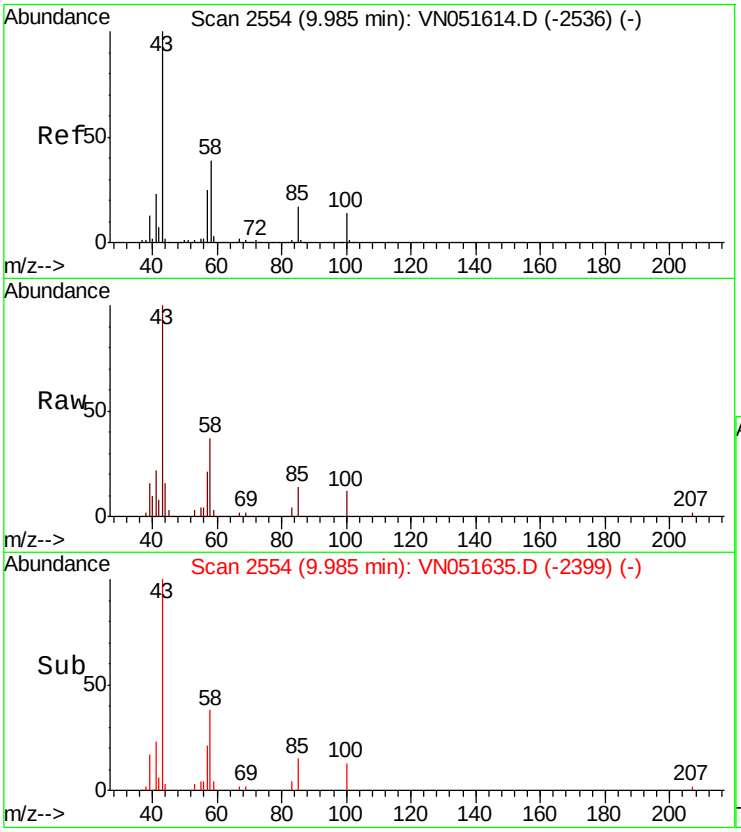


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion:117 Resp: 402812

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.2
119	32.0	25.2	37.8



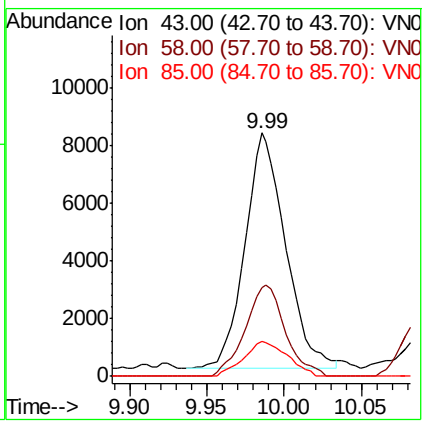


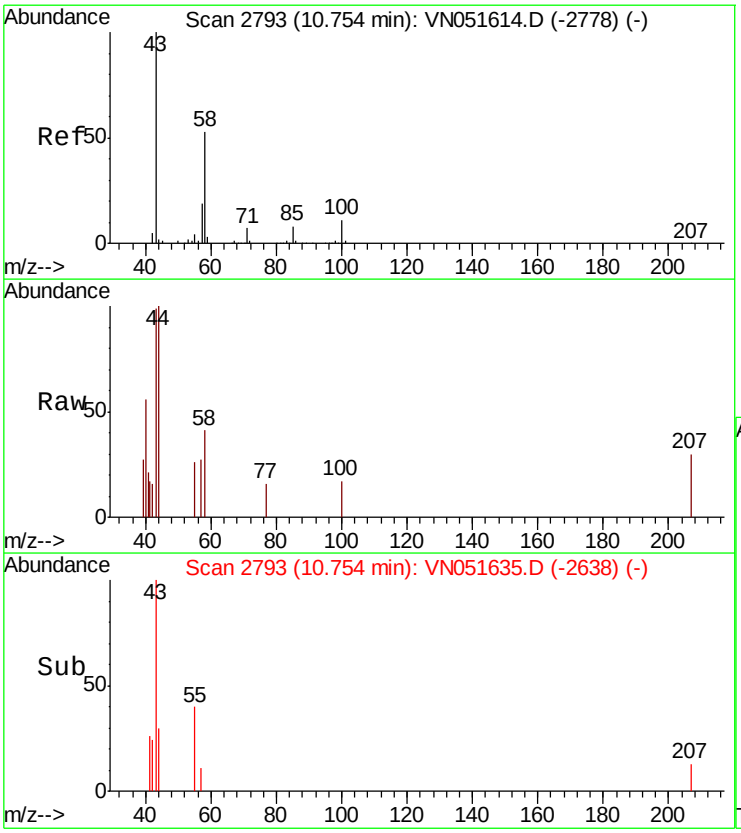
#58
4-Methyl-2-Pentanone
Concen: 3.270 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 43 Resp: 14955

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.0	46.4
85	15.8	13.4	20.2

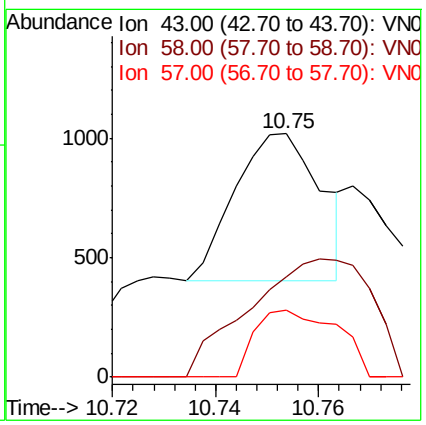


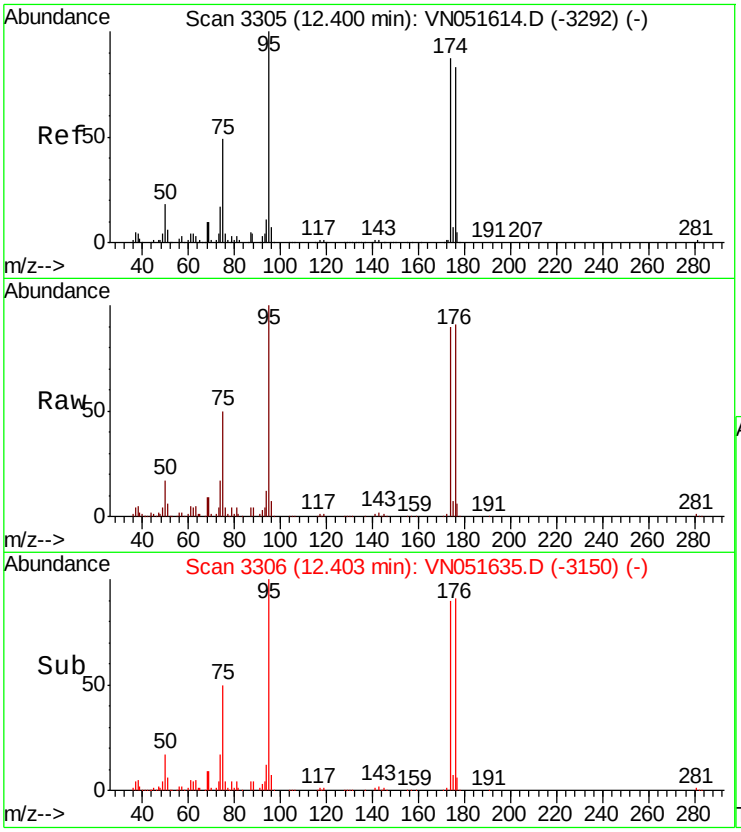


#59
2-Hexanone
Concen: 0.236 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 43 Resp: 711

Ion	Ratio	Lower	Upper
43	100		
58	113.4	41.5	62.3#
57	43.3	14.2	21.4#



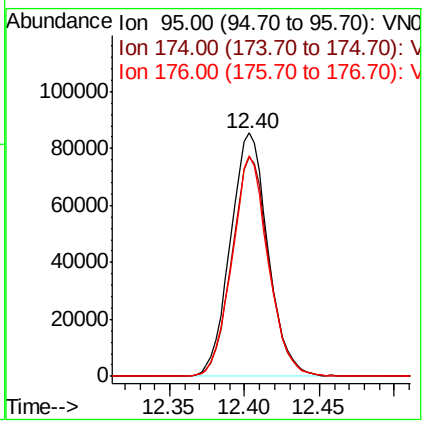


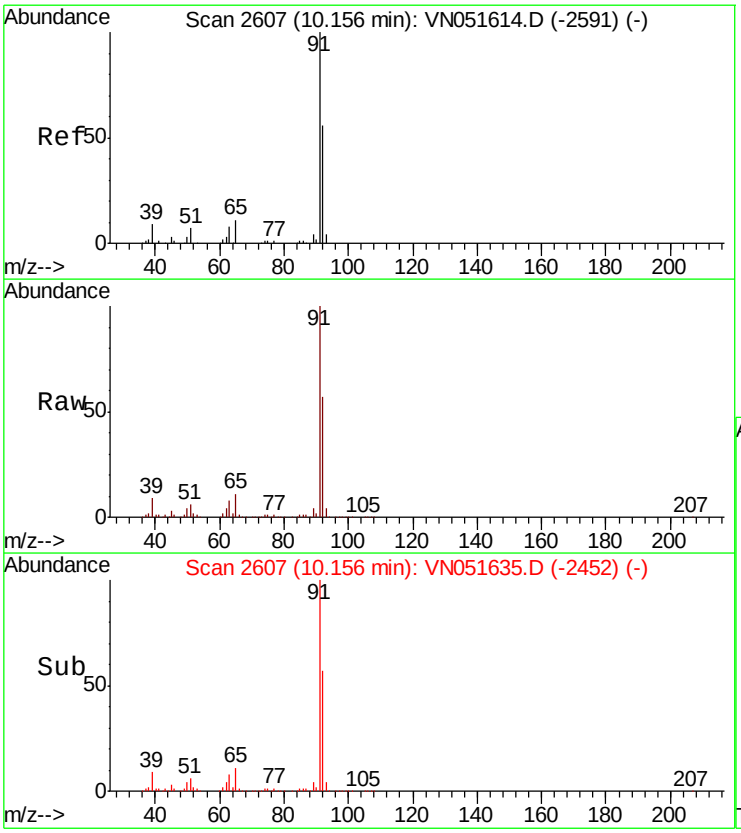
#60
4-Bromofluorobenzene
Concen: 0.236 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 95 Resp: 149439

Ion	Ratio	Lower	Upper
95	100		
174	88.5	71.2	106.8
176	87.0	67.8	101.8

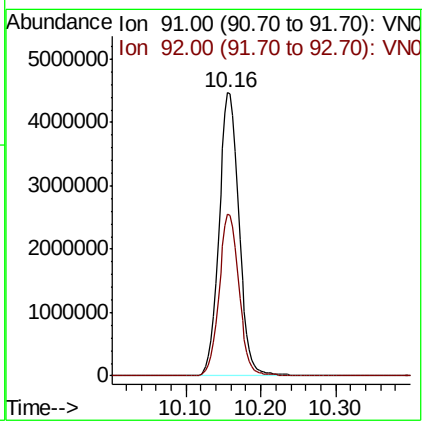


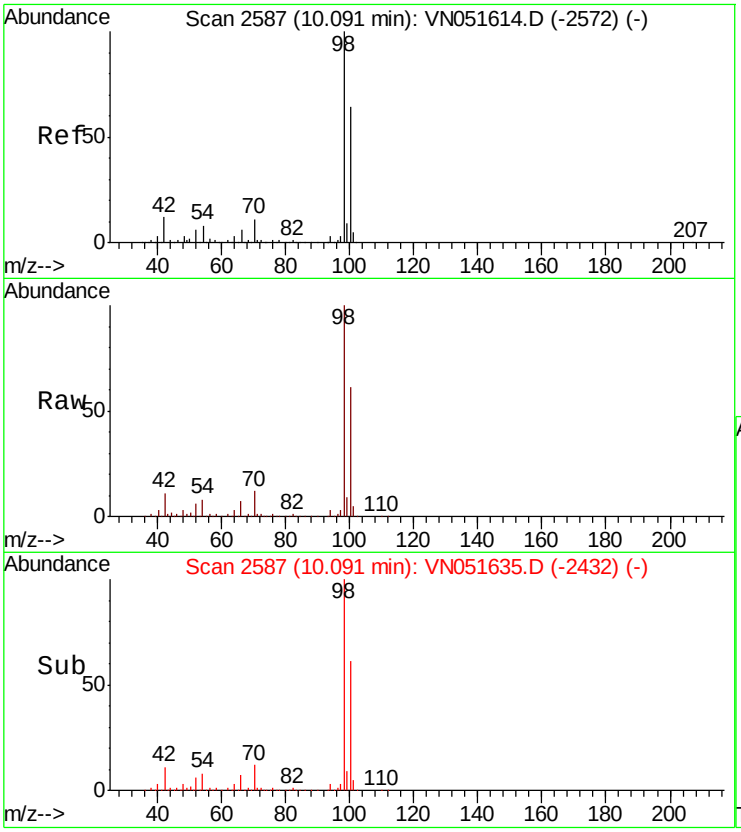


#62
Toluene
Concen: 333.381 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 91 Resp: 8234265

Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.3	67.9



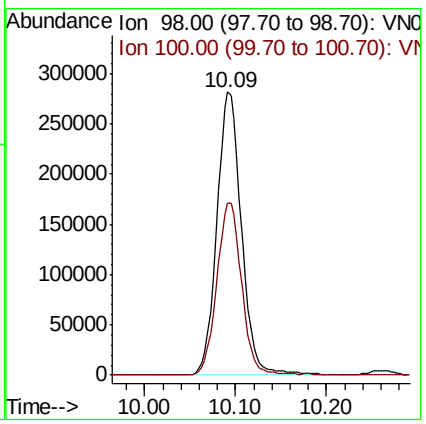


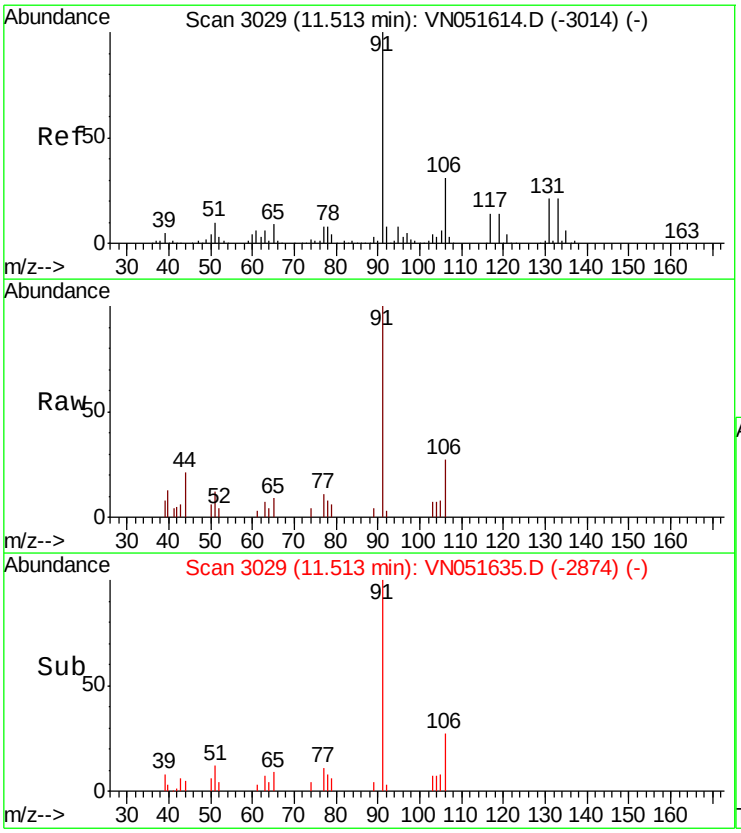
#63
Toluene-d8
Concen: 333.381 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 98 Resp: 528141

Ion	Ratio	Lower	Upper
98	100		
100	60.9	51.4	77.0

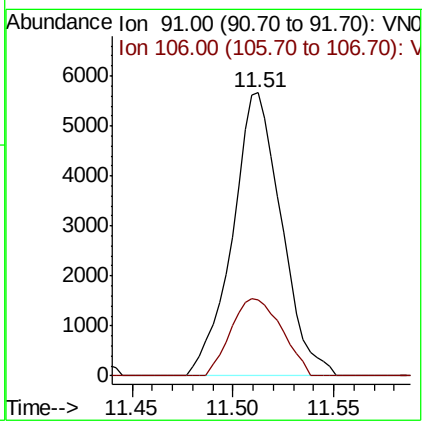


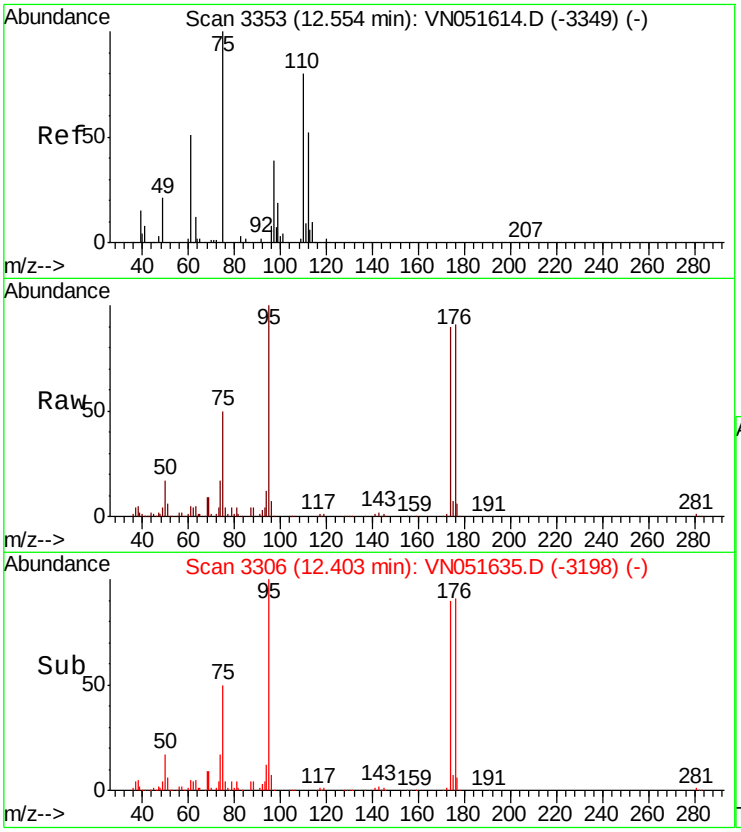


#66
Ethyl Benzene
Concen: 0.381 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 91 Resp: 9639

Ion	Ratio	Lower	Upper
91	100		
106	27.1	25.0	37.4



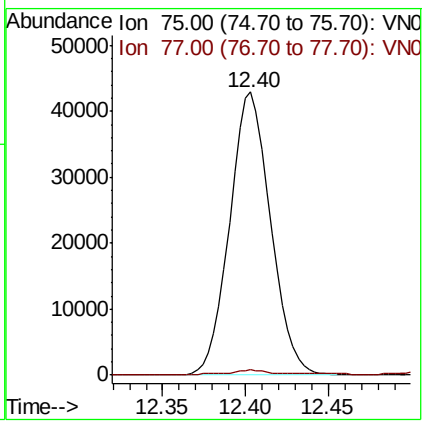


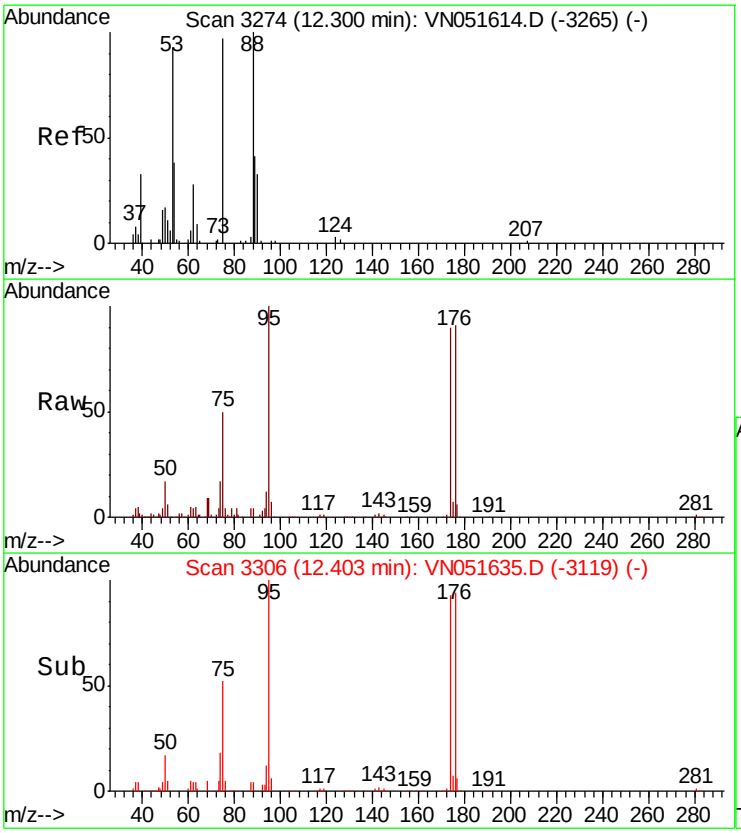
#72
1,2,3-Trichloropropane
Concen: 14.373 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion: 75 Resp: 73753

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	492.2

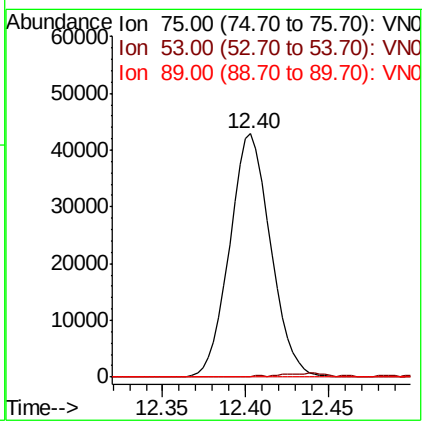


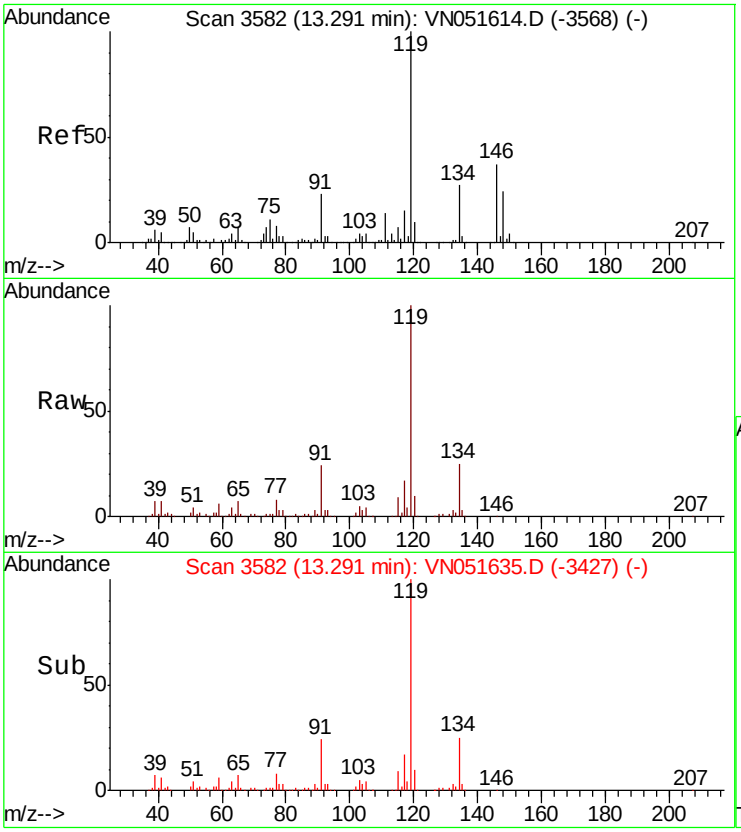


#77
t-1,4-Dichloro-2-butene
Concen: 45.381 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion: 75 Resp: 73753

Ion	Ratio	Lower	Upper
75	100		
53	0.4	48.1	144.4#
89	0.0	22.4	67.3#



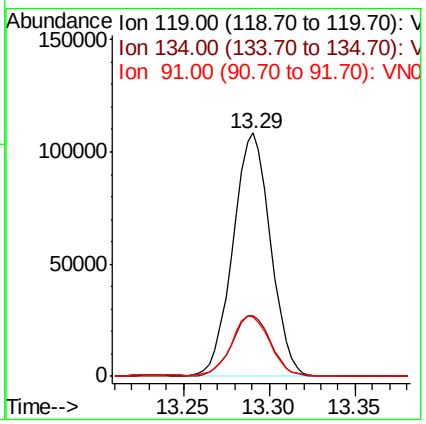


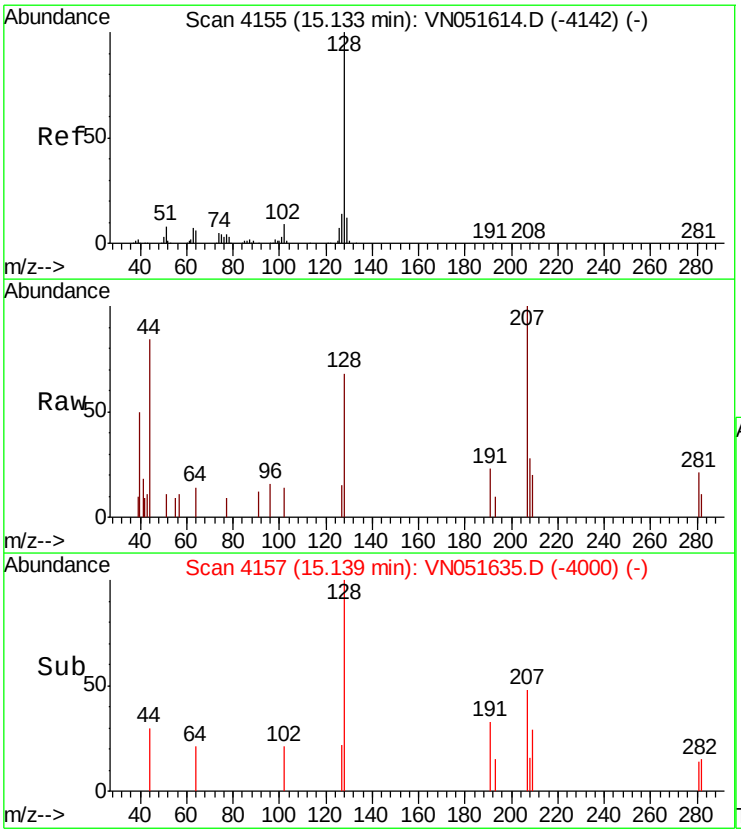
#82
p-Isopropyltoluene
Concen: 7.809 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

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

Tgt Ion:119 Resp: 165580

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	52.0
91	25.2	0.0	46.0





#91
Naphthalene
Concen: 8.411 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN051635.D
Acq: 1 Oct 2018 14:04

Tgt Ion:128 Resp: 1992

Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.8	16.2#
129	0.0	9.1	13.7#