Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051639.D
Acq On : 1 Oct 2018 15:42
Operator : MD\SY
Sample : J5166-01DL 5X
Misc : Sample
ALS Vial : 15 Sample Multiplier: 28

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

Quant Time: Oct 02 01:02:22 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	97588	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	476038	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	414127	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	206954	30.46	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.53%				
60) 4-Bromofluorobenzene	12.40	95	144491	22.69	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 75.63%				
63) Toluene-d8	10.09	98	545704	27.93	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 93.10%				
Target Compounds							Qvalue
12) Methyl Acetate	4.34	43	1650	0.317	ug/l	#	66
15) Acetone	3.82	58	193319	354.021	ug/l		91
16) Carbon Disulfide	4.05	76	10101	0.532	ug/l	#	93
23) tert-Butyl Alcohol	4.80	59	114	0.286	ug/l	#	100
30) 2-Butanone	6.85	43	7935	3.592	ug/l	#	61
51) Ethyl methacrylate	10.09	69	2358	0.375	ug/l		77
58) 4-Methyl-2-Pentanone	9.99	43	3683	0.783	ug/l	#	77
62) Toluene	10.16	91	1528478	60.193	ug/l		99
72) 1,2,3-Trichloropropane	12.40	75	70647	13.391	ug/l		1
77) t-1,4-Dichloro-2-butene	12.40	75	70647	42.282	ug/l	#	11
79) tert-butylbenzene	13.29	119	24067	1.303	ug/l		62
82) p-Isopropyltoluene	13.29	119	24067	1.104	ug/l		96
91) Naphthalene	15.14	128	390	8.299	ug/l	#	68

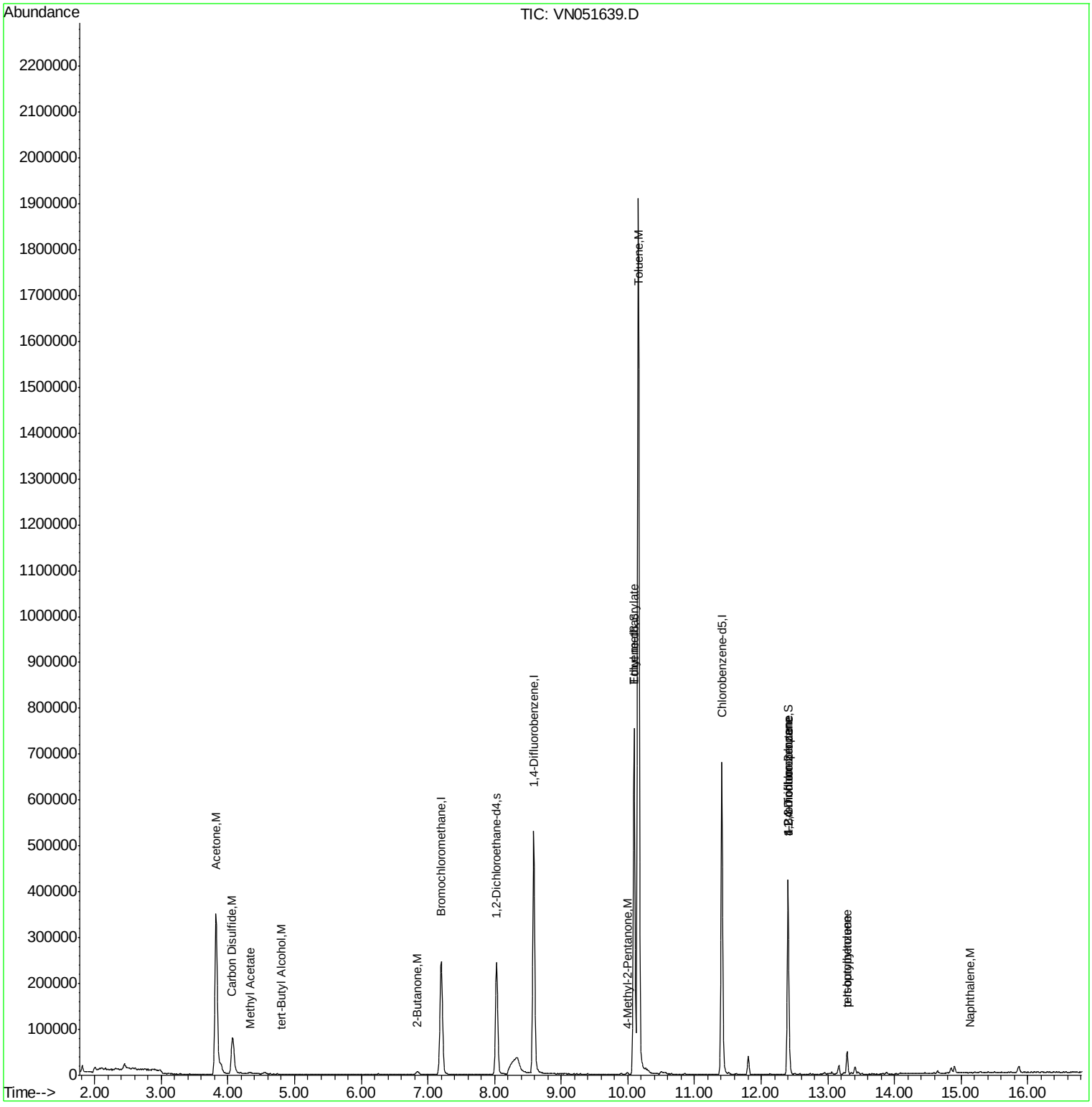
(#) = qualifier out of range (m) = manual integration (+) = signals summed

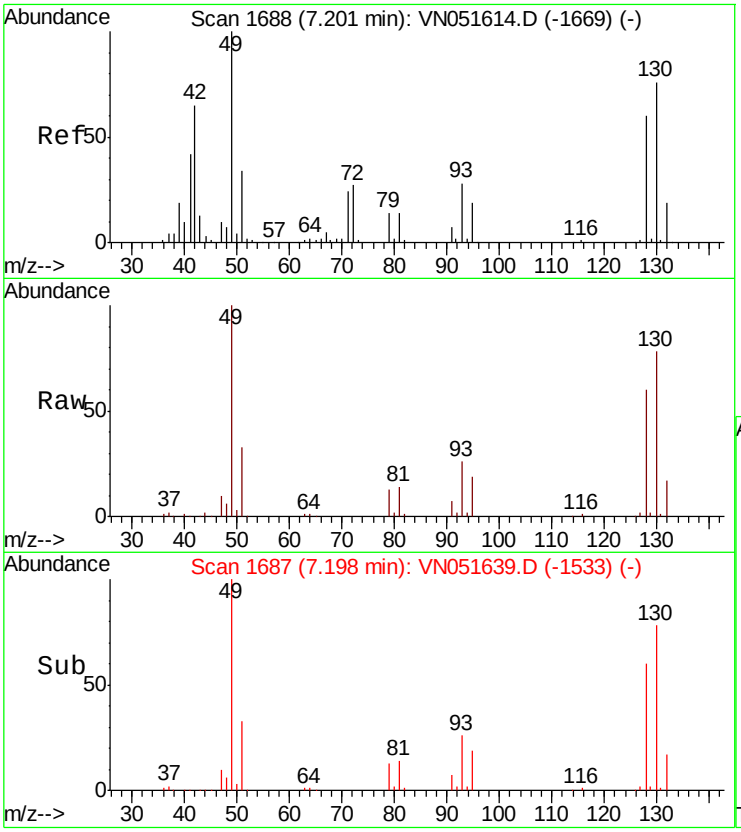
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051639.D
Acq On : 1 Oct 2018 15:42
Operator : MD\SY
Sample : J5166-01DL 5X
Misc : Sample
ALS Vial : 15 Sample Multiplier: 28

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

Quant Time: Oct 02 01:02:22 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



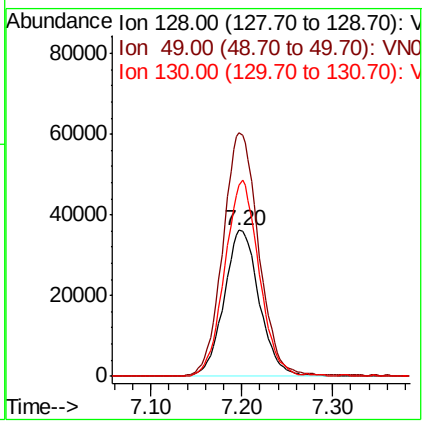


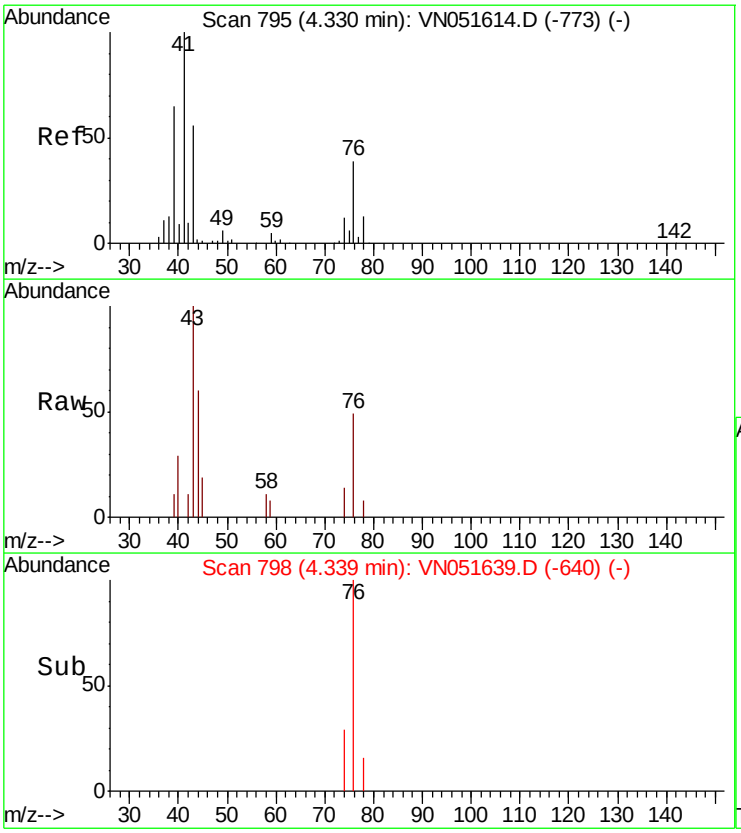
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion:128 Resp: 97588

Ion	Ratio	Lower	Upper
128	100		
49	168.7	0.0	426.8
130	130.3	0.0	326.3

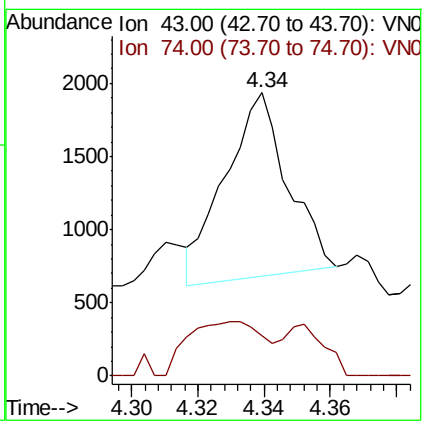


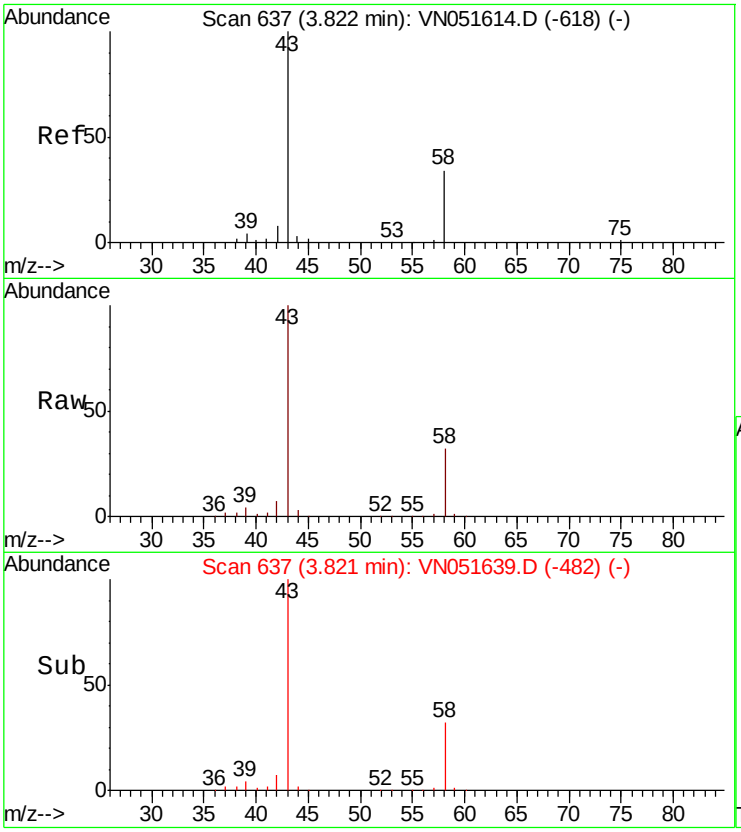


#12
Methyl Acetate
Concen: 0.317 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 43 Resp: 1650

Ion	Ratio	Lower	Upper
43	100		
74	5.3	17.0	25.4#



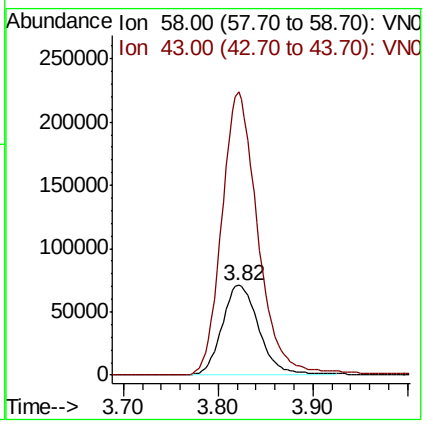


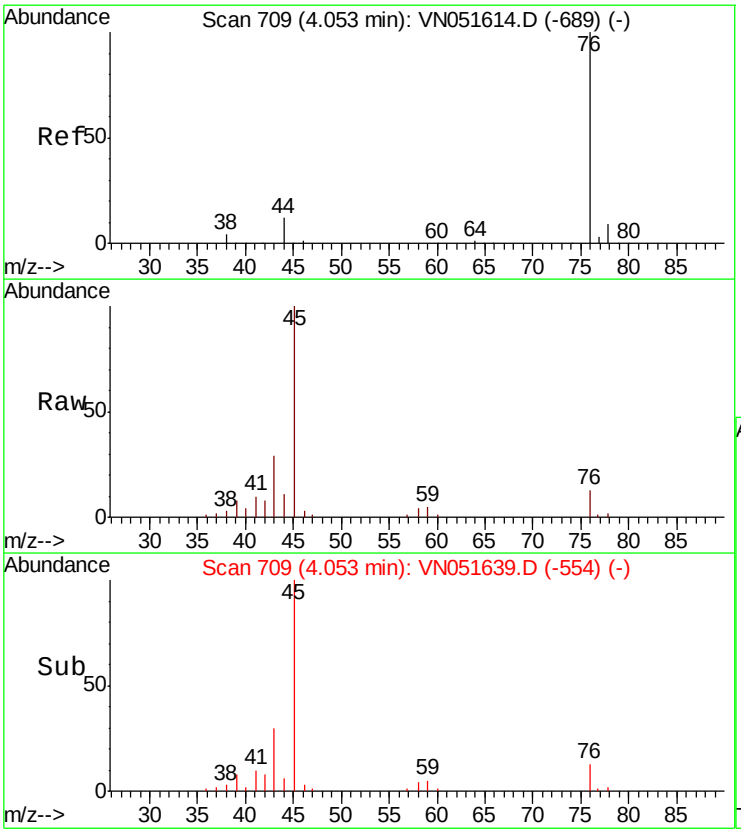
#15
Acetone
Concen: 354.021 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 58 Resp: 193319

Ion	Ratio	Lower	Upper
58	100		
43	314.5	238.0	357.0

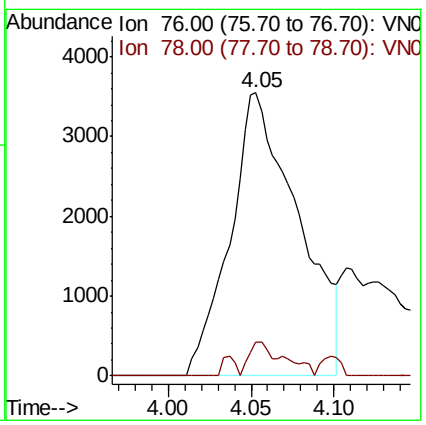


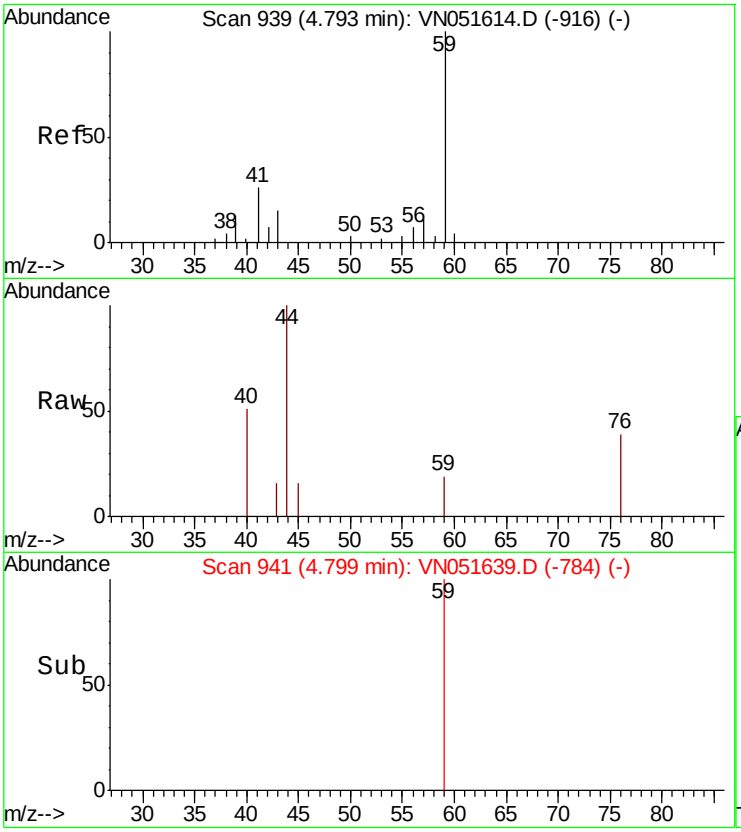


#16
Carbon Disulfide
Concen: 0.532 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 76 Resp: 10101

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.3	10.9#



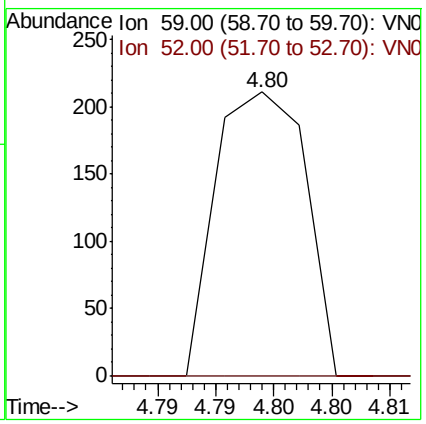


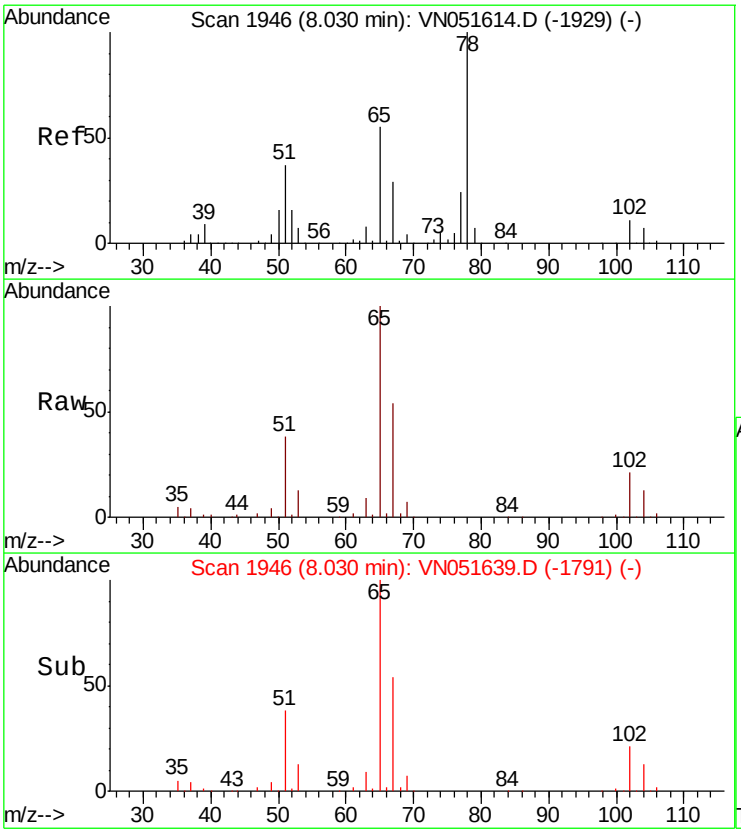
#23
tert-Butyl Alcohol
Concen: 0.286 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.01 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 59 Resp: 114

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

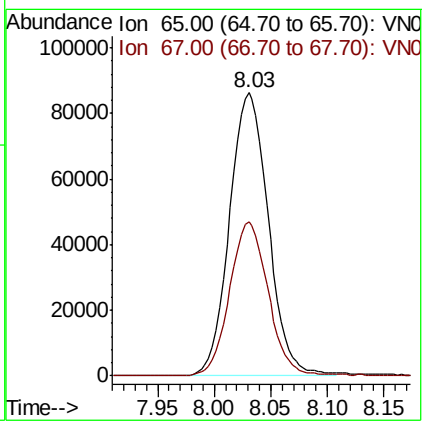


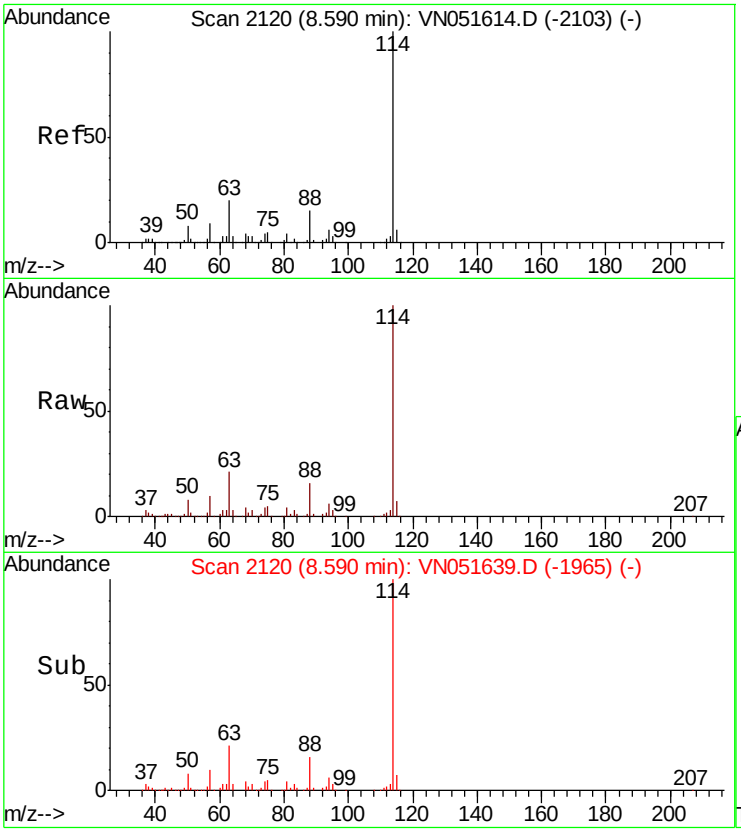


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 65 Resp: 206954

Ion	Ratio	Lower	Upper
65	100		
67	53.9	43.1	64.7



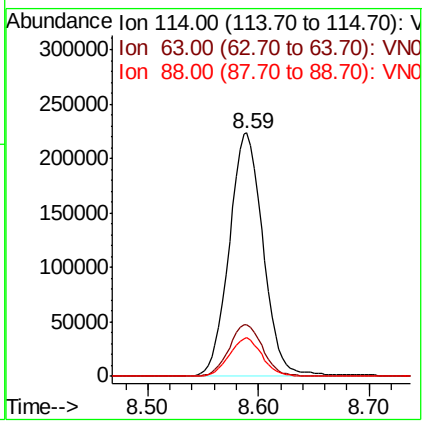


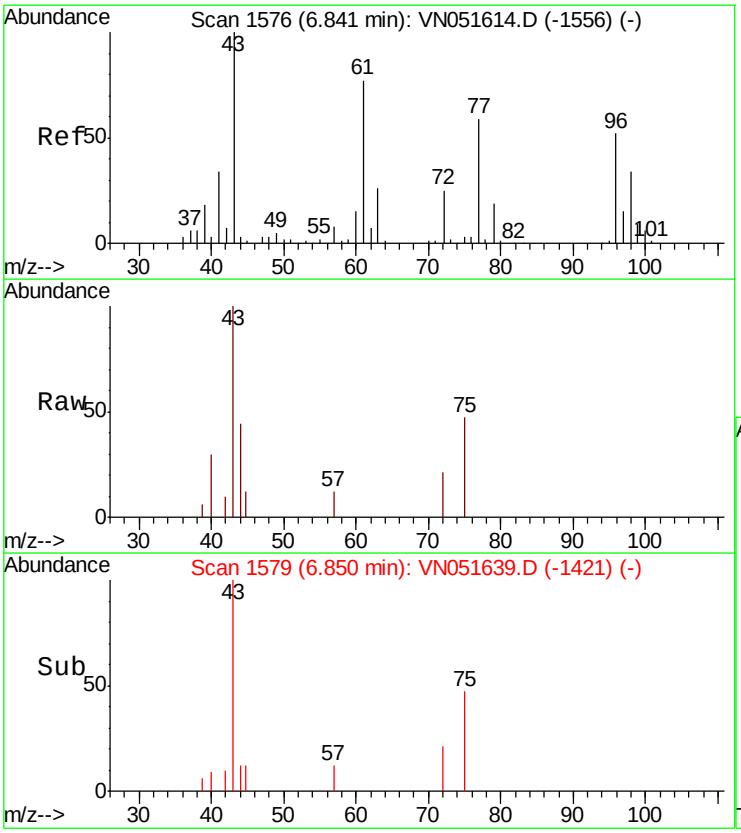
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion:114 Resp: 476038

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.4	24.6
88	15.3	12.6	18.8

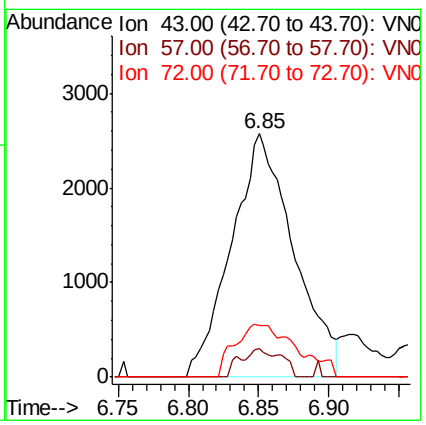


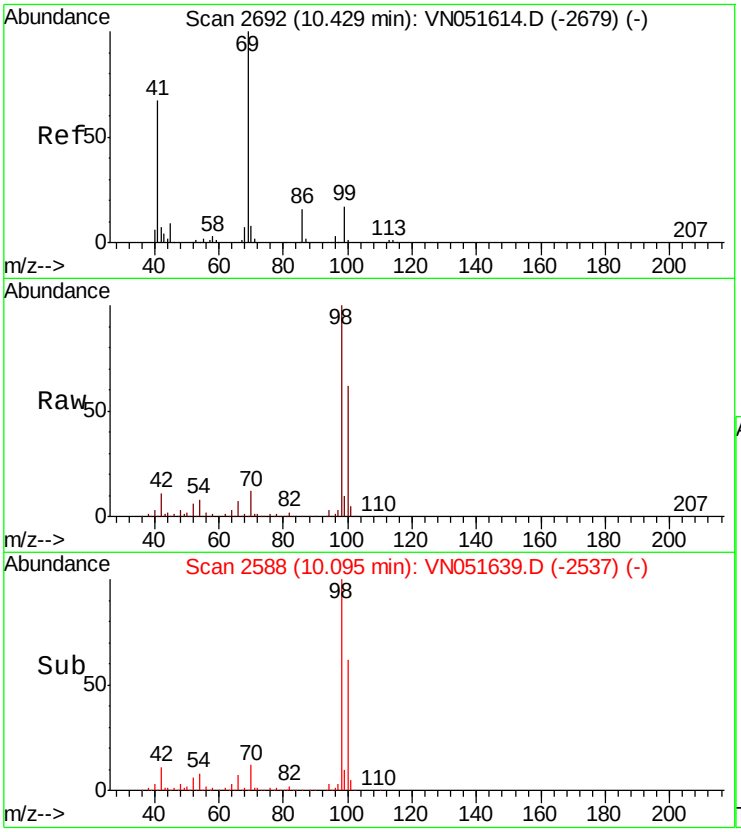


#30
2-Butanone
Concen: 3.592 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 43 Resp: 7935

Ion	Ratio	Lower	Upper
43	100		
57	1.8	6.6	10.0#
72	2.5	20.8	31.2#



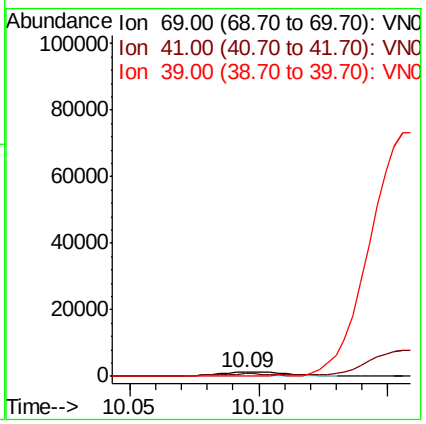


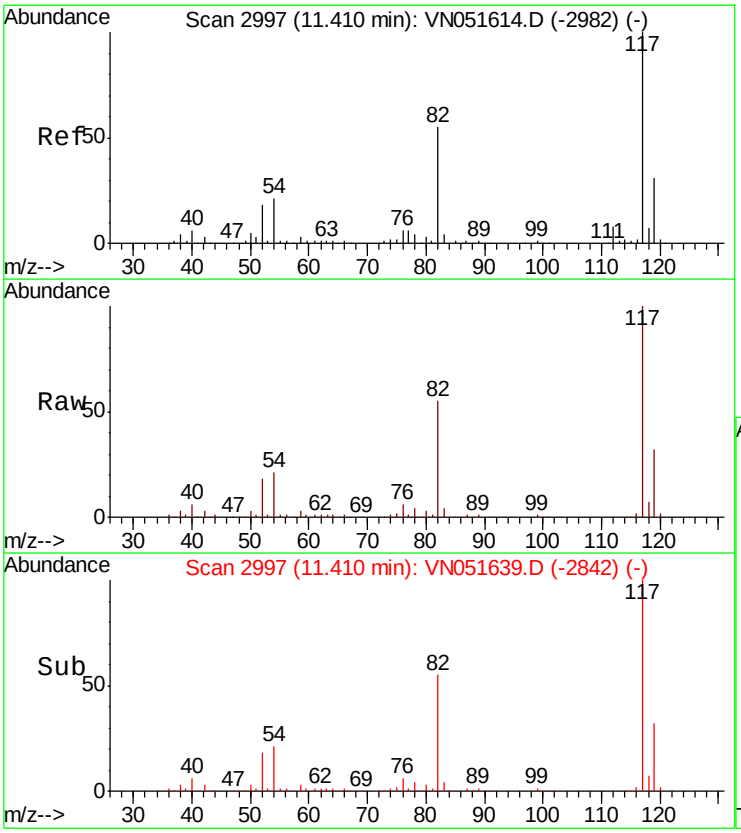
#51
Ethyl methacrylate
Concen: 0.375 ug/l
RT: 10.09 min Scan# 2588
Delta R.T. -0.33 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 69 Resp: 2358

Ion	Ratio	Lower	Upper
69	100		
41	46.4	33.3	99.8
39	24.3	17.2	51.6

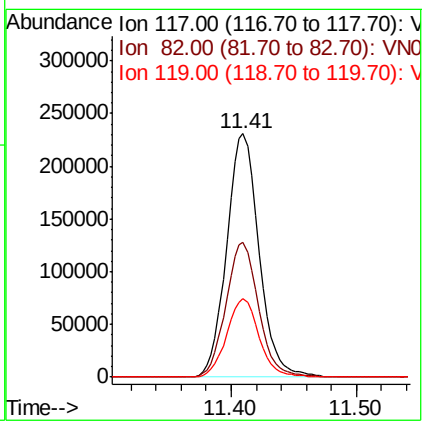


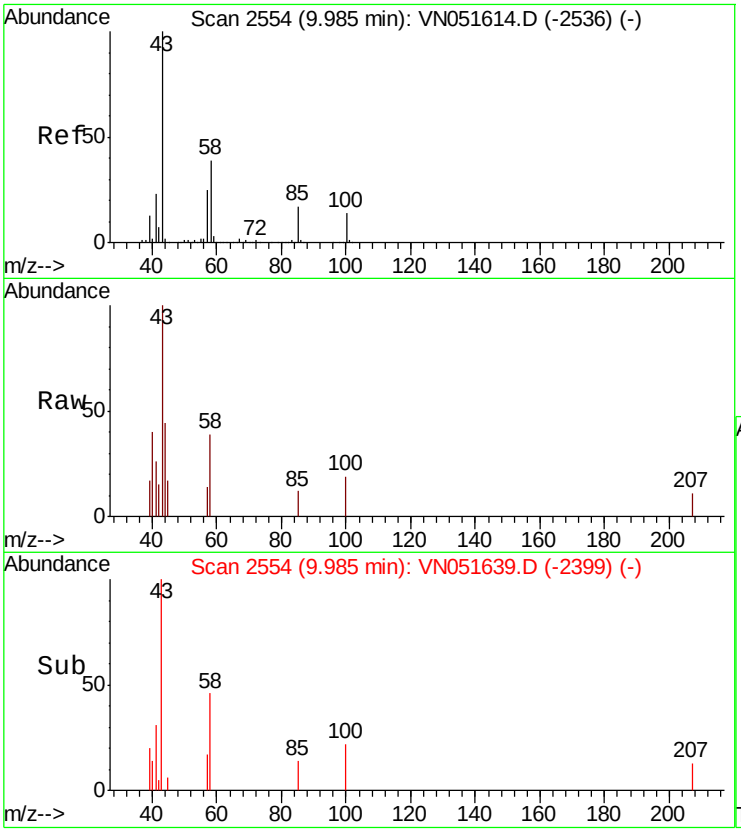


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion:117 Resp: 414127

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	32.3	25.2	37.8



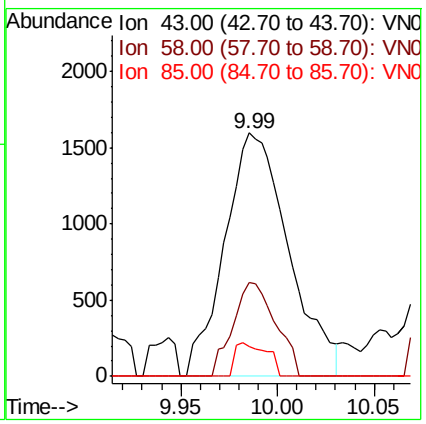


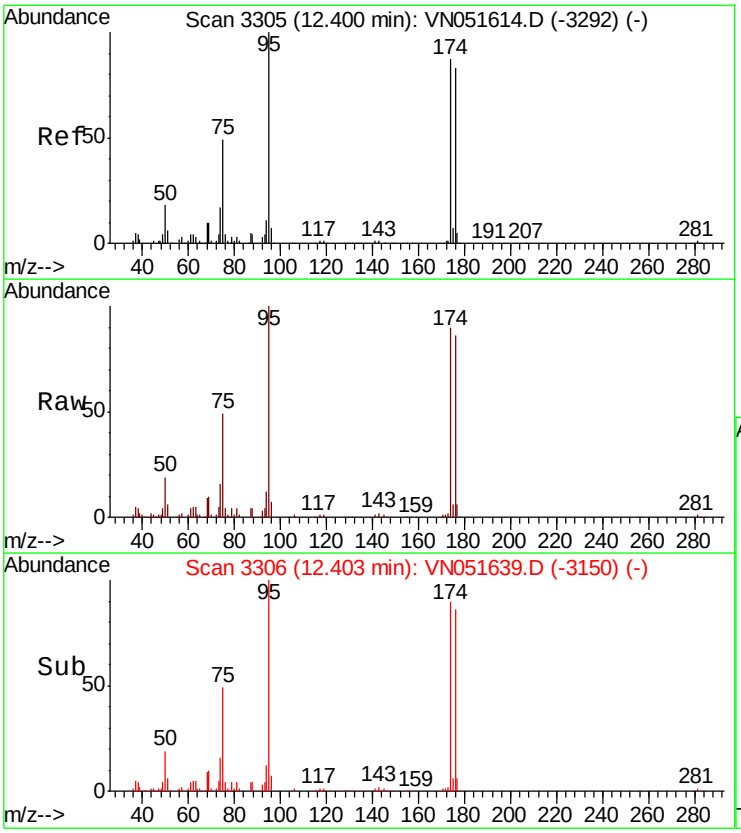
#58
4-Methyl-2-Pentanone
Concen: 0.783 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 43 Resp: 3683

Ion	Ratio	Lower	Upper
43	100		
58	25.7	31.0	46.4#
85	5.9	13.4	20.2#

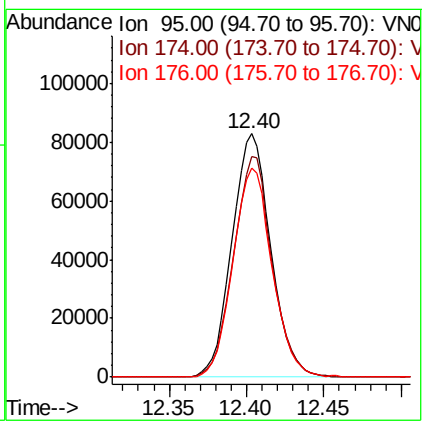


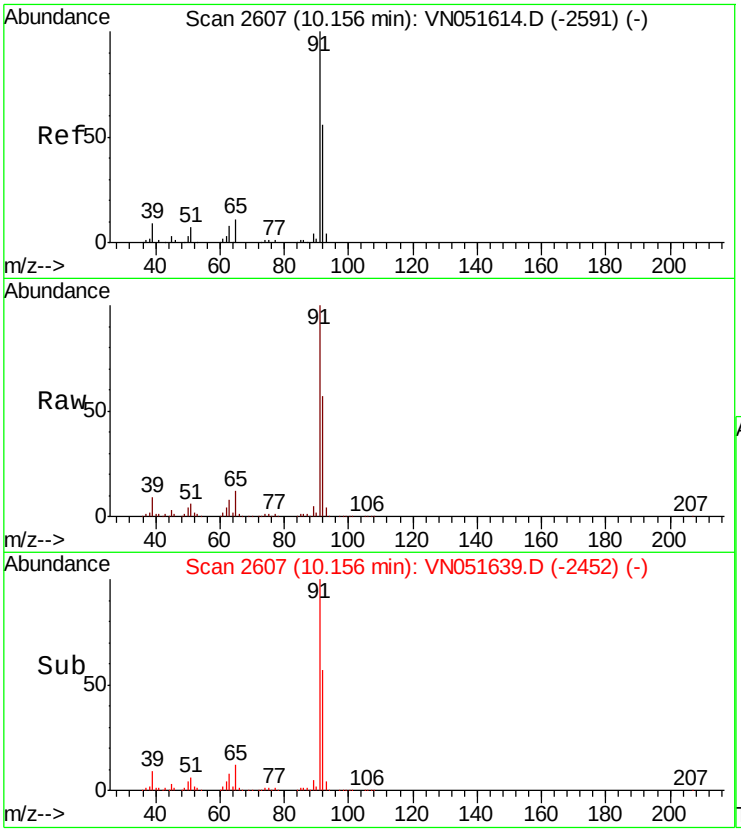


#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 95 Resp: 144491

Ion	Ratio	Lower	Upper
95	100		
174	90.0	71.2	106.8
176	86.4	67.8	101.8



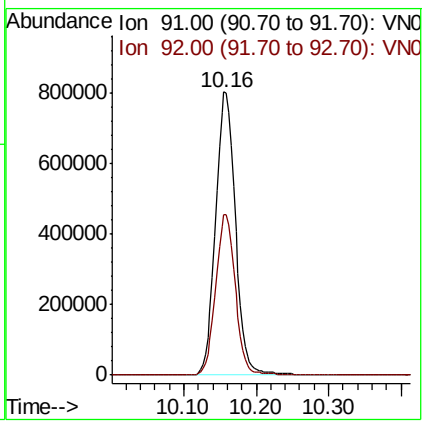


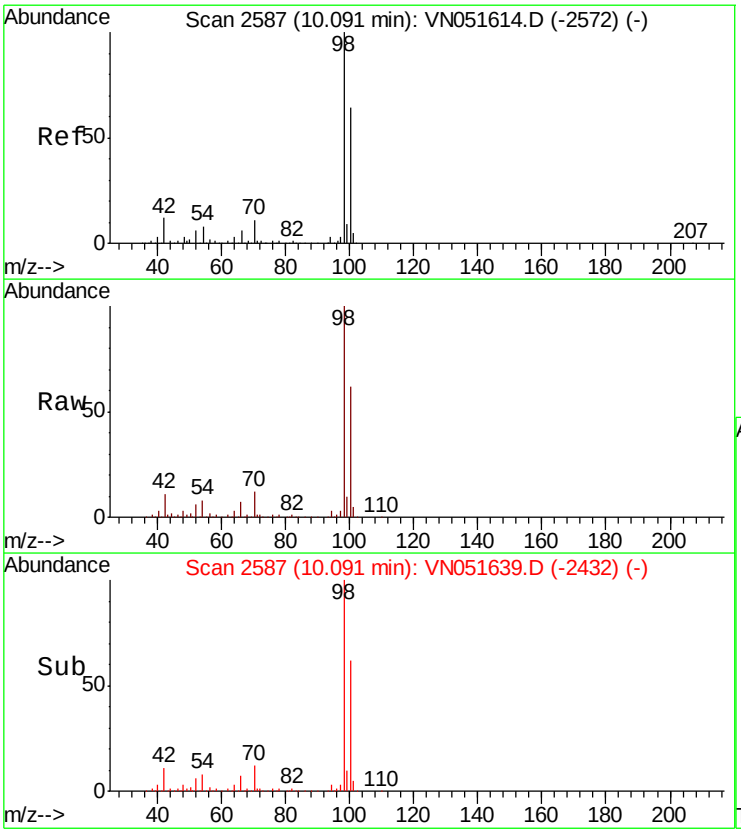
#62
Toluene
Concen: 60.193 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 91 Resp: 1528478

Ion	Ratio	Lower	Upper
91	100		
92	56.2	45.3	67.9

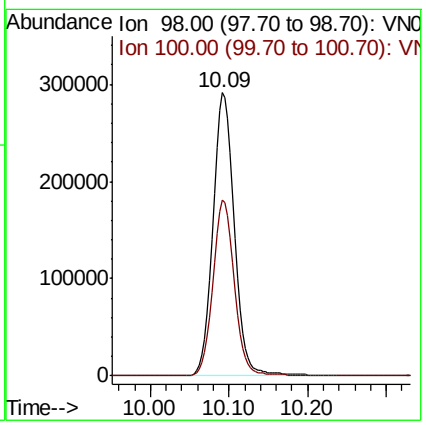


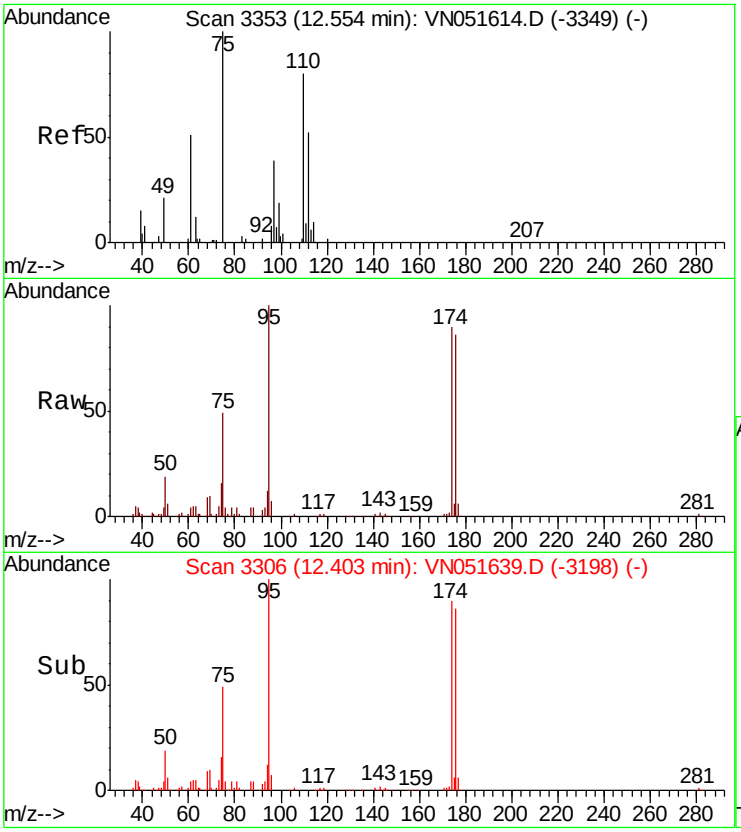


#63
Toluene-d8
Concen: 60.193 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 98 Resp: 545704

Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.4	77.0



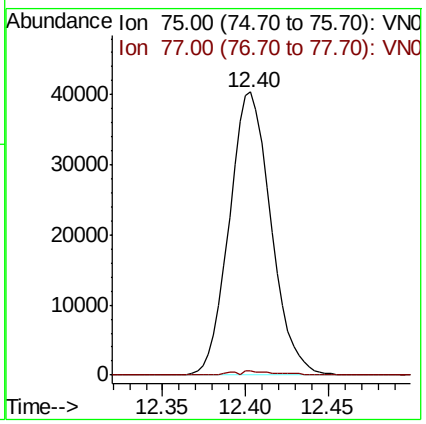


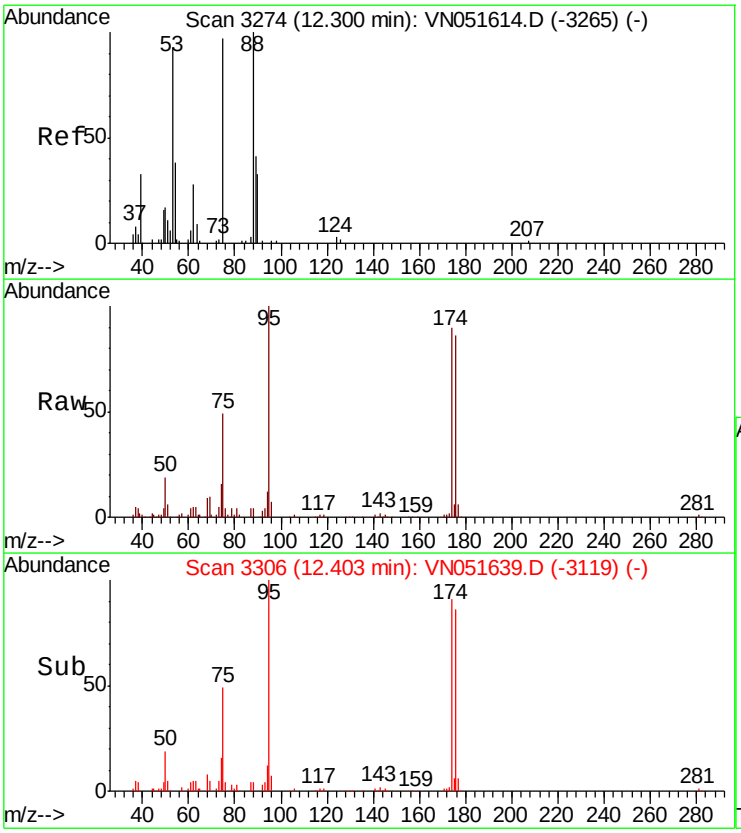
#72
1,2,3-Trichloropropane
Concen: 13.391 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion: 75 Resp: 70647

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	492.2

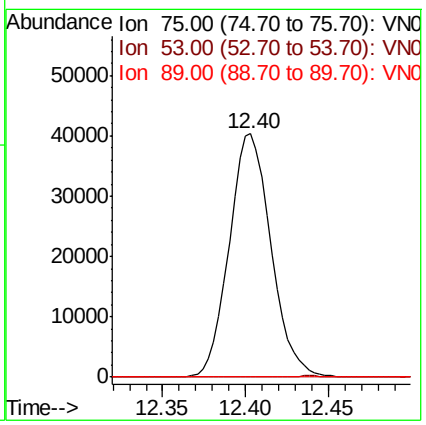


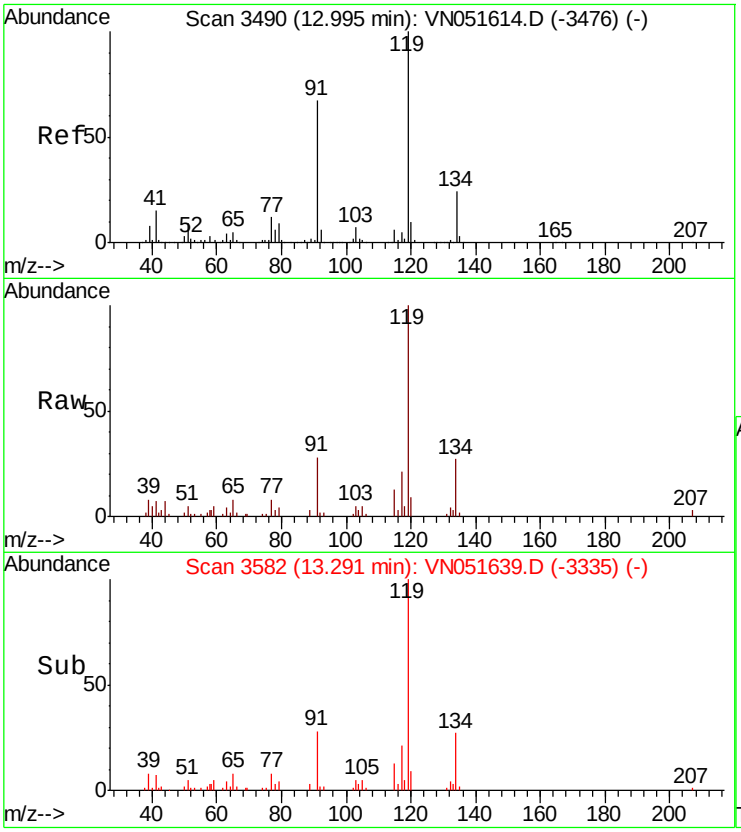


#77
t-1,4-Dichloro-2-butene
Concen: 42.282 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 75 Resp: 70647

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



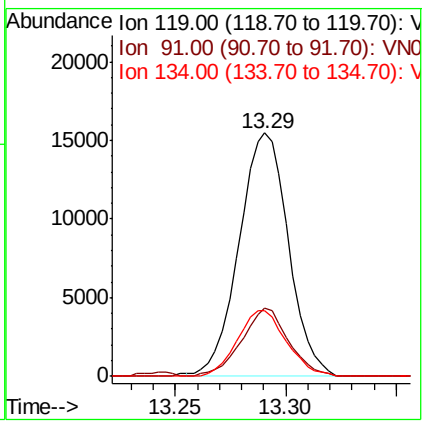


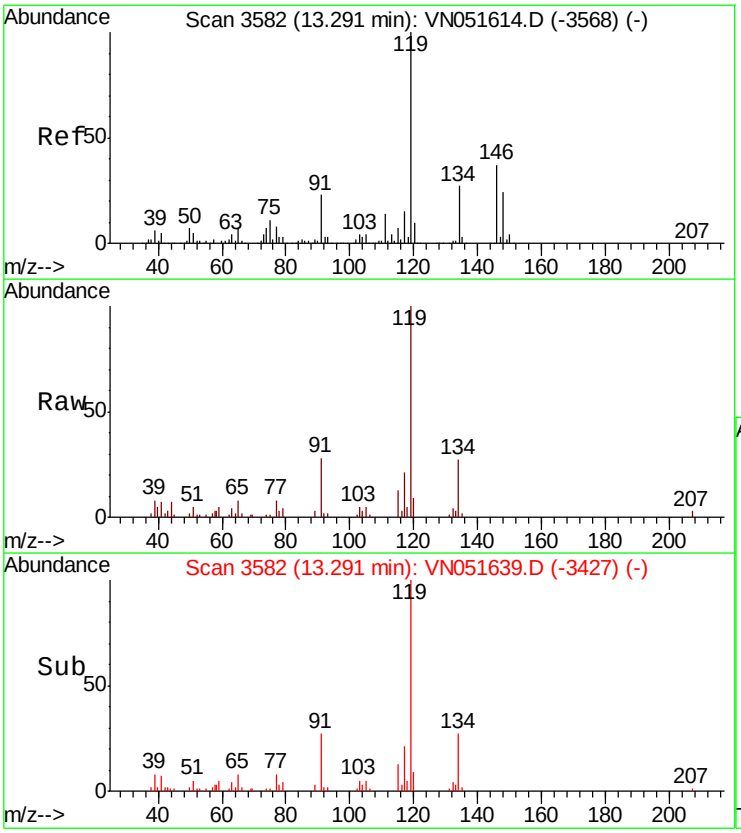
#79
tert-butylbenzene
Concen: 1.303 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.30 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion:119 Resp: 24067

Ion	Ratio	Lower	Upper
119	100		
91	26.5	0.0	132.4
134	26.8	0.0	48.4

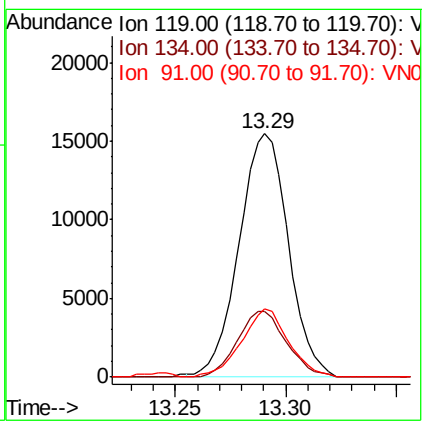


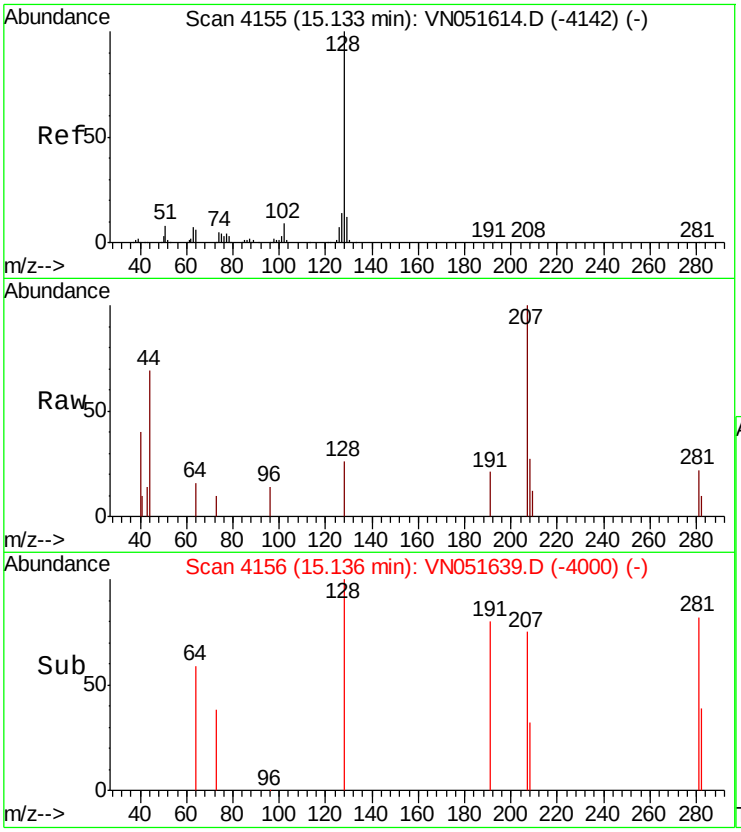


#82
p-Isopropyltoluene
Concen: 1.104 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion:119 Resp: 24067

Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	52.0
91	26.5	0.0	46.0





#91
Naphthalene
Concen: 8.299 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

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

Tgt Ion:128 Resp: 390

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