Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062558.D
Acq On : 20 Jul 2020 13:41
Operator : JC/MD
Sample : L3331-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 21 01:22:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	37797	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	201040	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	183281	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	99883	30.76	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.53%			
60) 4-Bromofluorobenzene	12.38	95	82241	26.37	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.90%			
63) Toluene-d8	10.06	98	253223	29.24	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.47%			
Target Compounds						Qvalue
12) Methyl Acetate	4.28	43	4608	1.579	ug/l #	91
15) Acetone	3.78	58	489902	1175.523	ug/l	97
16) Carbon Disulfide	4.01	76	3604	0.508	ug/l #	95
30) 2-Butanone	6.80	43	18338	10.140	ug/l #	83
58) 4-Methyl-2-Pentanone	9.95	43	11551	3.235	ug/l	96
59) 2-Hexanone	10.73	43	3365	1.285	ug/l	94
62) Toluene	10.13	91	272970	26.253	ug/l	100
67) m/p-Xylenes	11.60	106	1453	0.348	ug/l	82
85) n-Butylbenzene	13.59	91	3249	0.421	ug/l	87
91) Naphthalene	15.10	128	9394	1.671	ug/l	98

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

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

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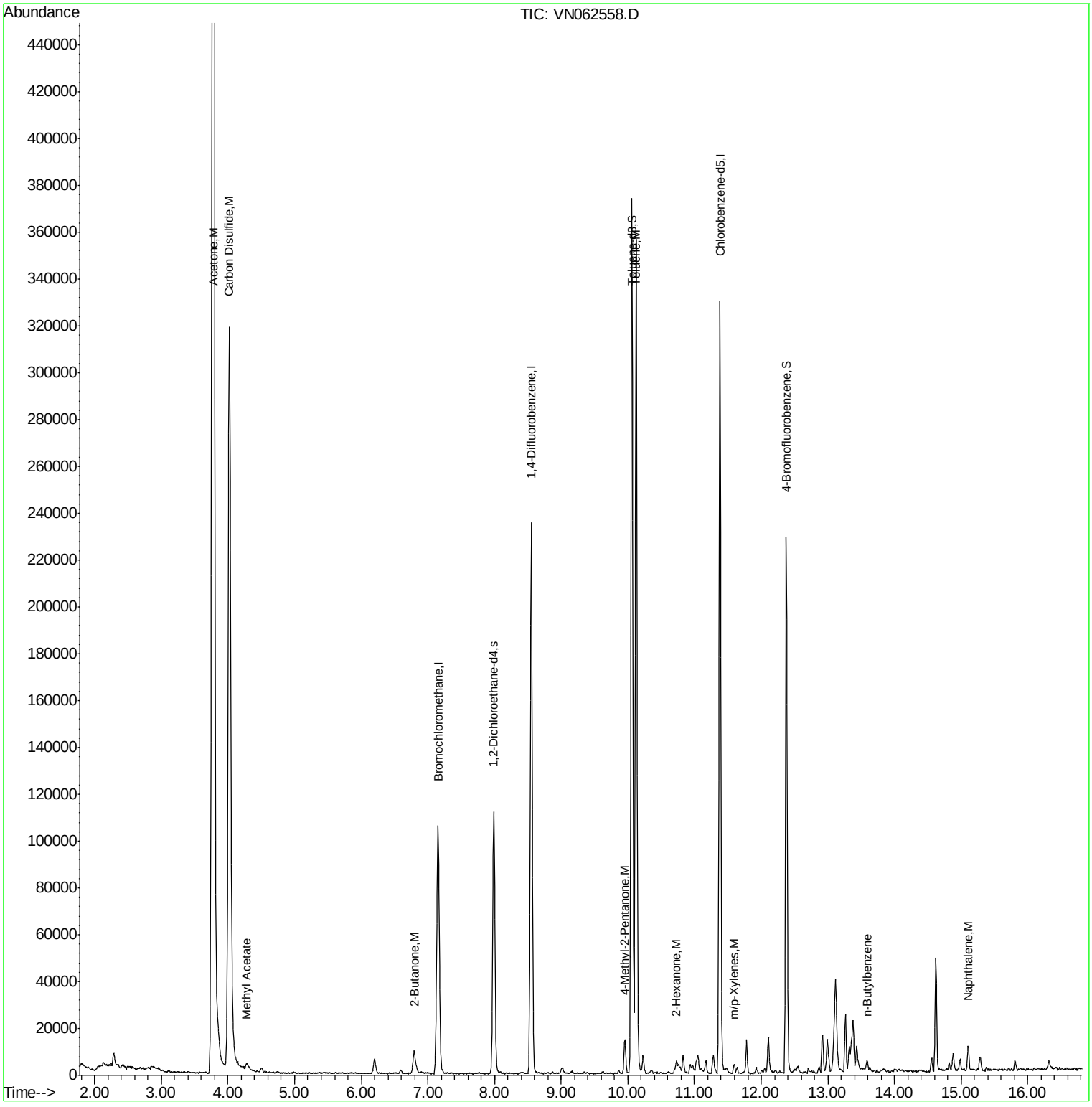
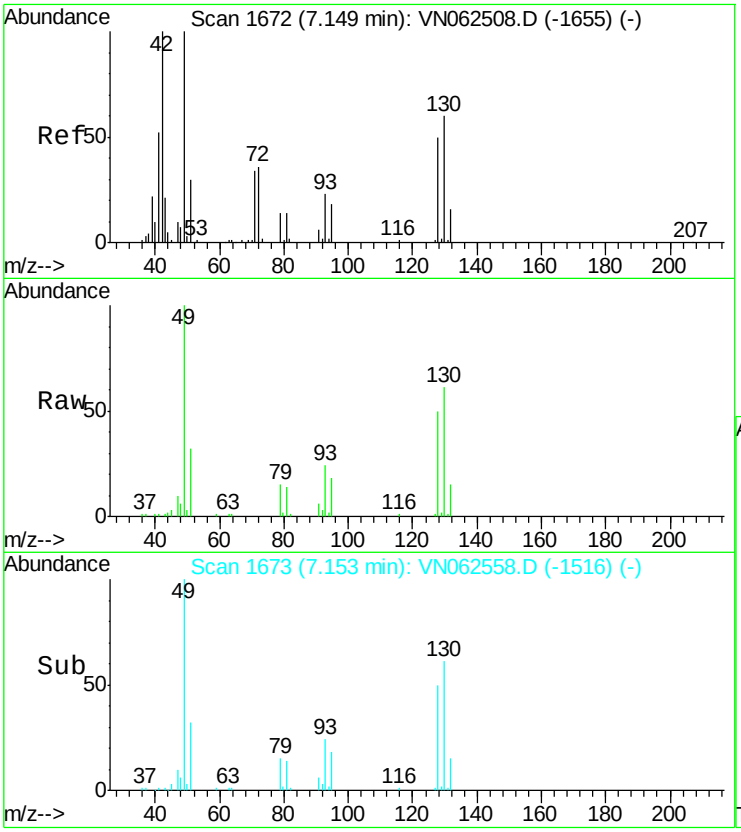


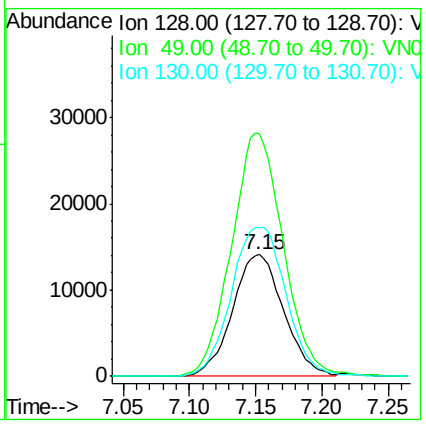


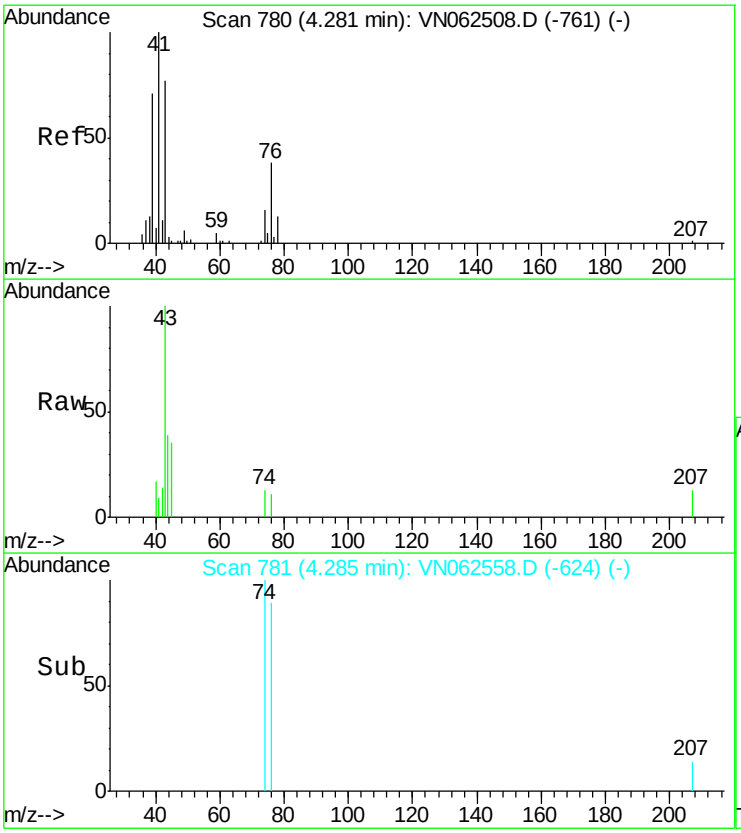
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion:128 Resp: 37797

Ion	Ratio	Lower	Upper
128	100		
49	203.1	0.0	525.0
130	131.1	0.0	319.8

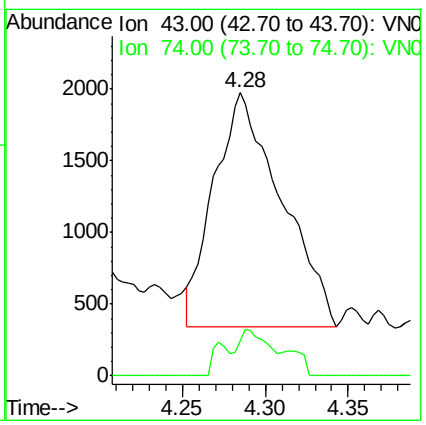


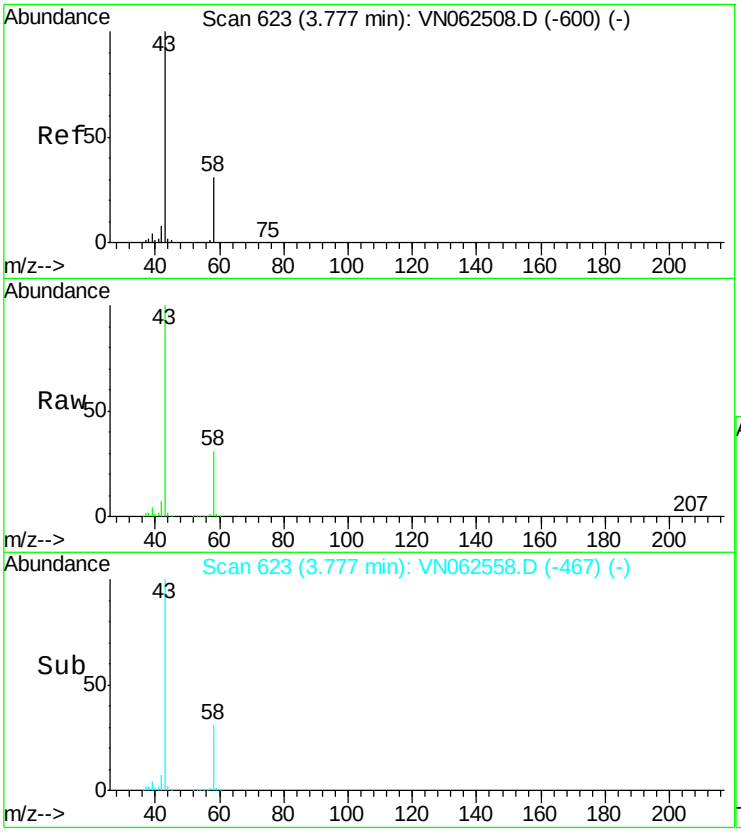


#12
Methyl Acetate
Concen: 1.579 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion: 43 Resp: 4608

Ion	Ratio	Lower	Upper
43	100		
74	16.7	16.7	25.1#



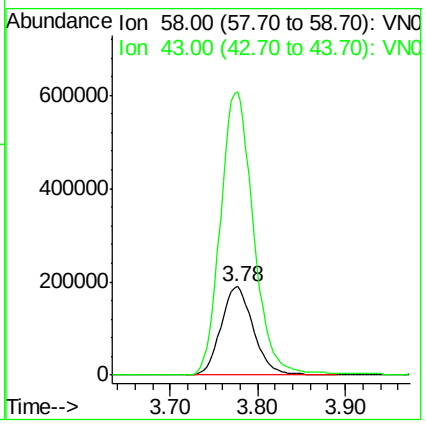


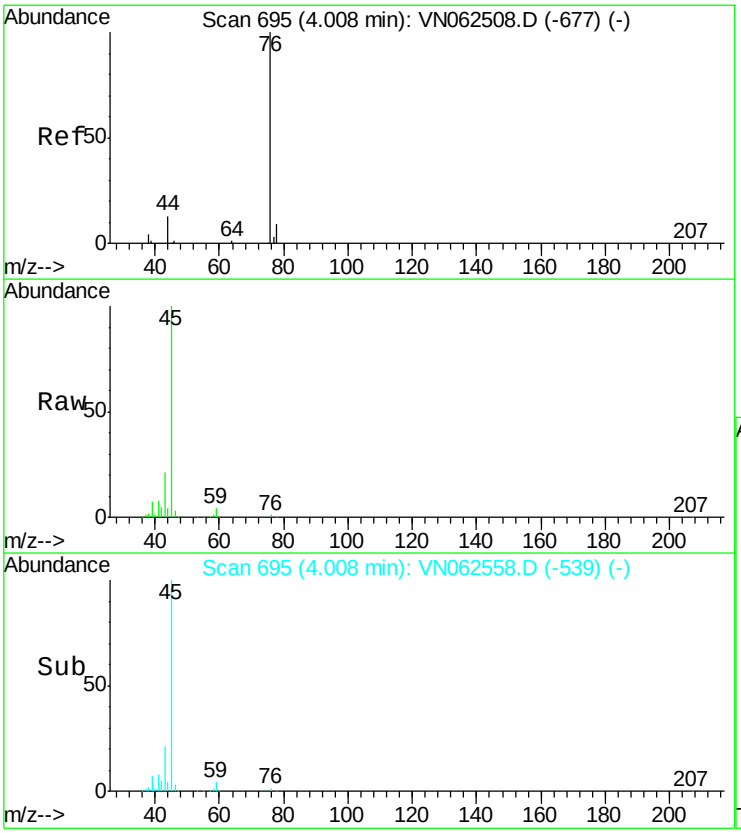
#15
Acetone
Concen: 1175.523 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 58 Resp: 489902

Ion	Ratio	Lower	Upper
58	100		
43	320.6	261.1	391.7

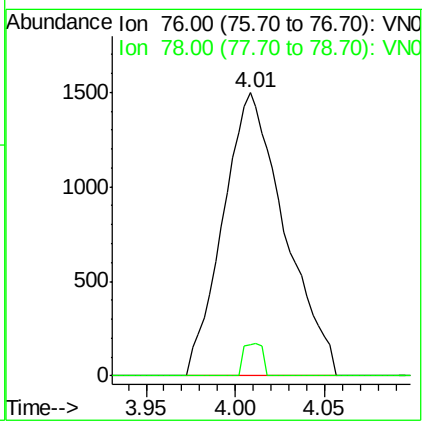


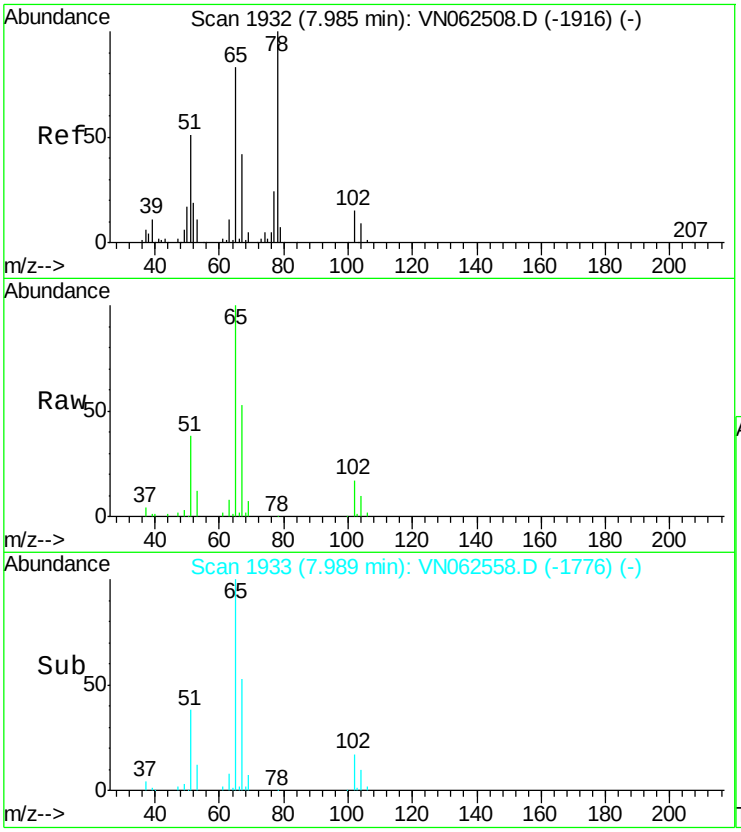


#16
Carbon Disulfide
Concen: 0.508 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion: 76 Resp: 3604

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.4	11.0#



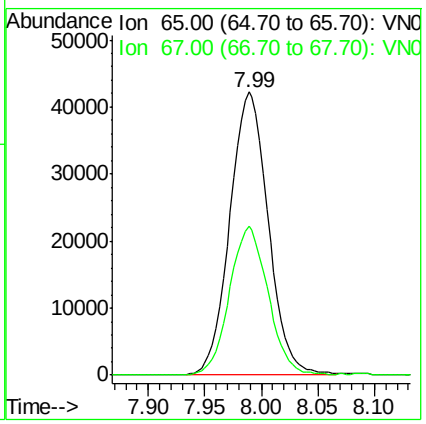


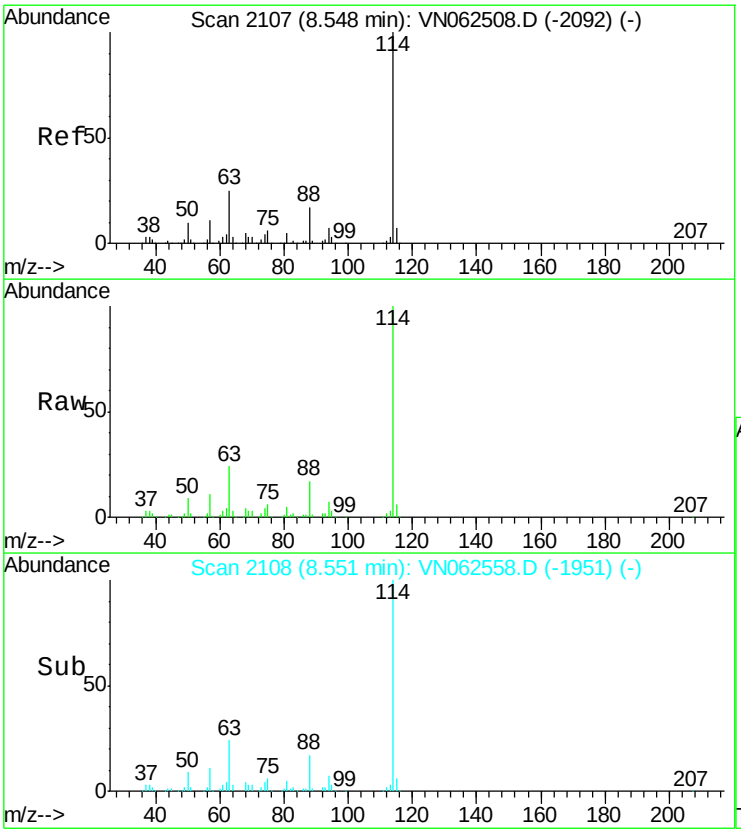
#27
1,2-Dichloroethane-d4
Concen: 30.762 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 65 Resp: 99883

Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.7	62.5

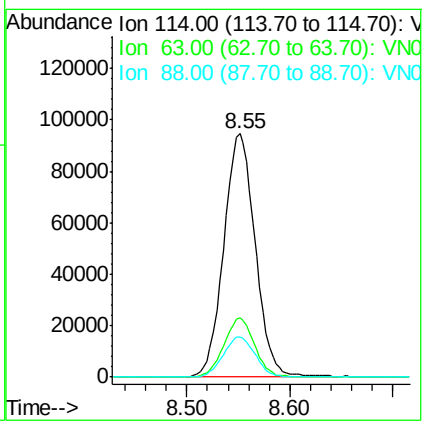


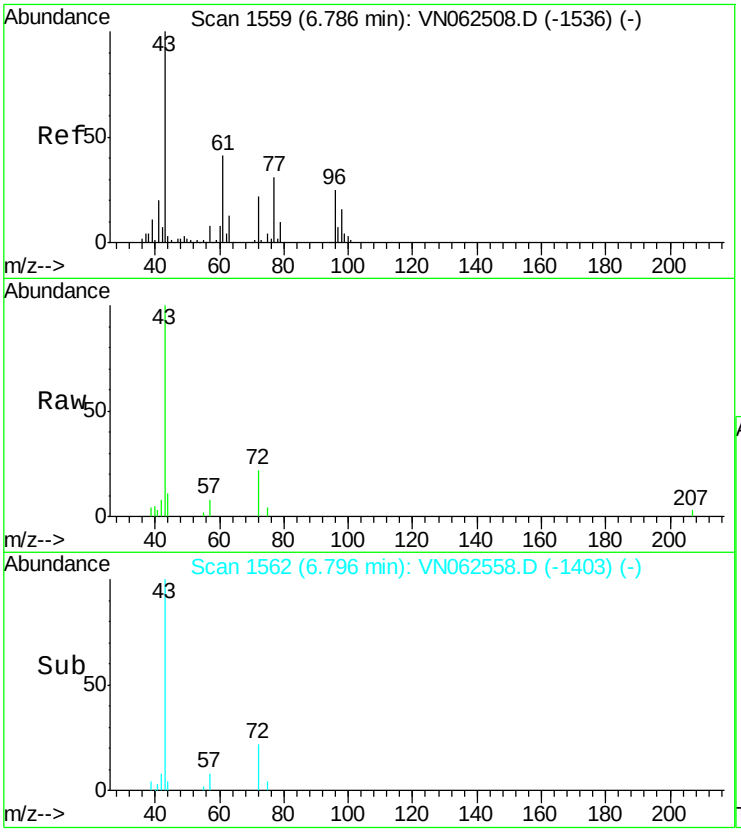


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion:114 Resp: 201040

Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.4	29.0
88	16.8	13.5	20.3



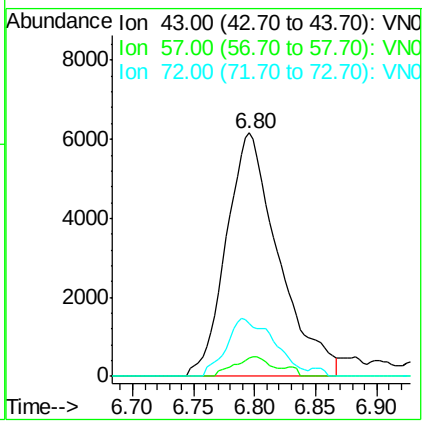


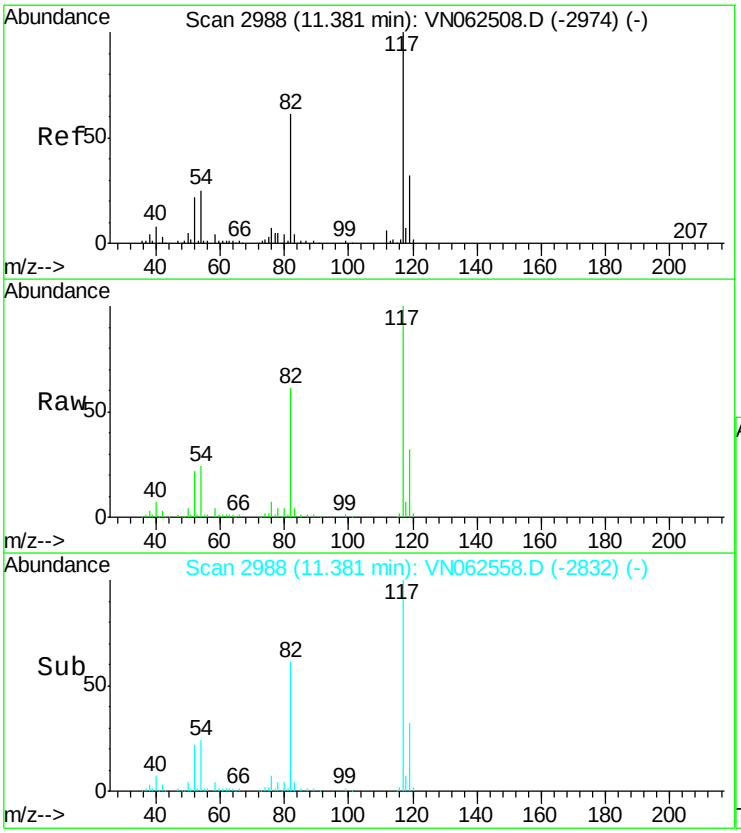
#30
2-Butanone
Concen: 10.140 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 43 Resp: 18338

Ion	Ratio	Lower	Upper
43	100		
57	5.6	6.6	9.8#
72	13.5	18.5	27.7#

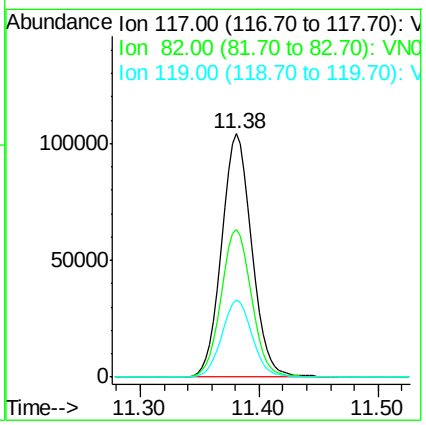


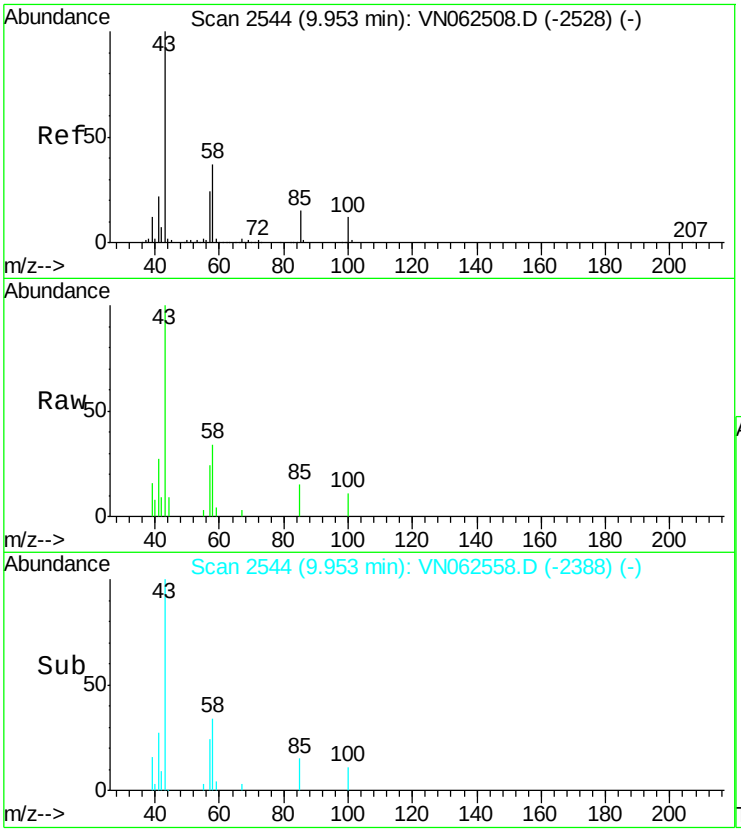


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion:117 Resp: 183281

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.0	73.6
119	31.9	25.6	38.4



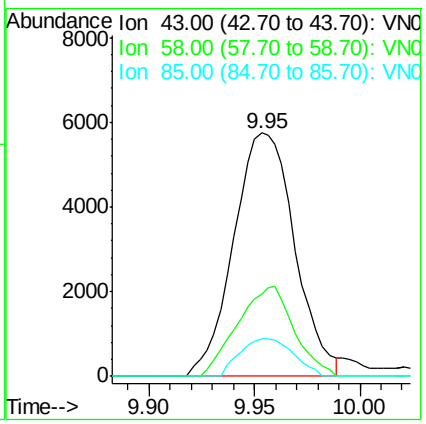


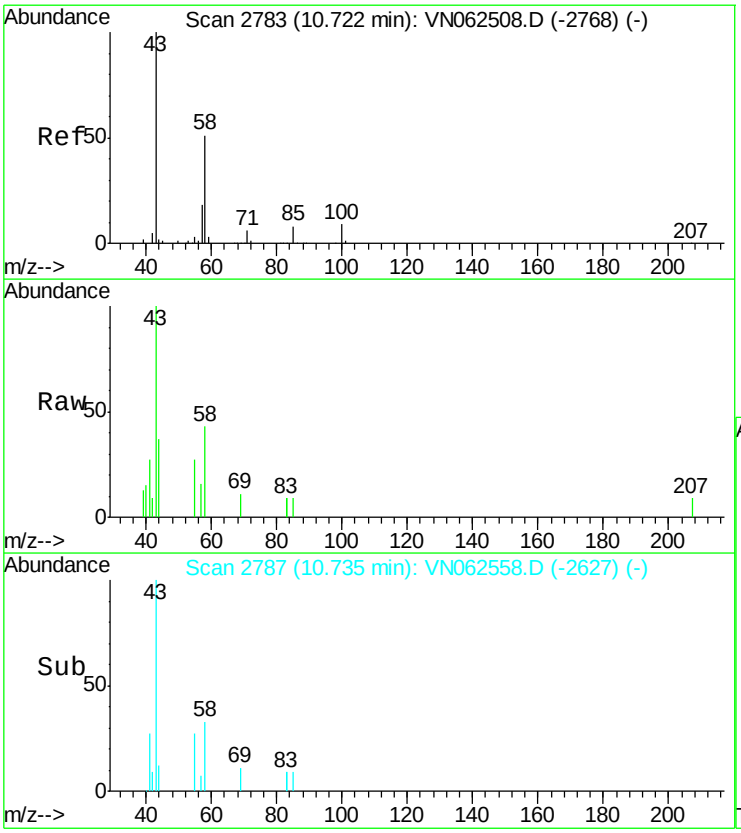
#58
4-Methyl-2-Pentanone
Concen: 3.235 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 43 Resp: 11551

Ion	Ratio	Lower	Upper
43	100		
58	34.2	29.6	44.4
85	13.6	12.0	18.0

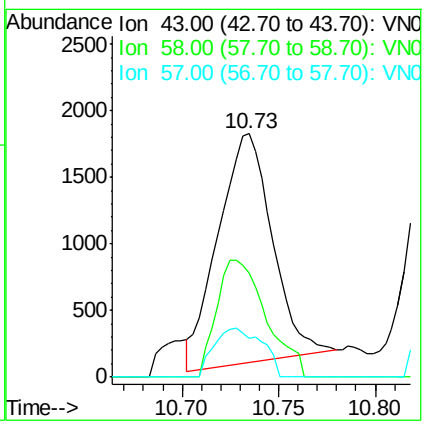


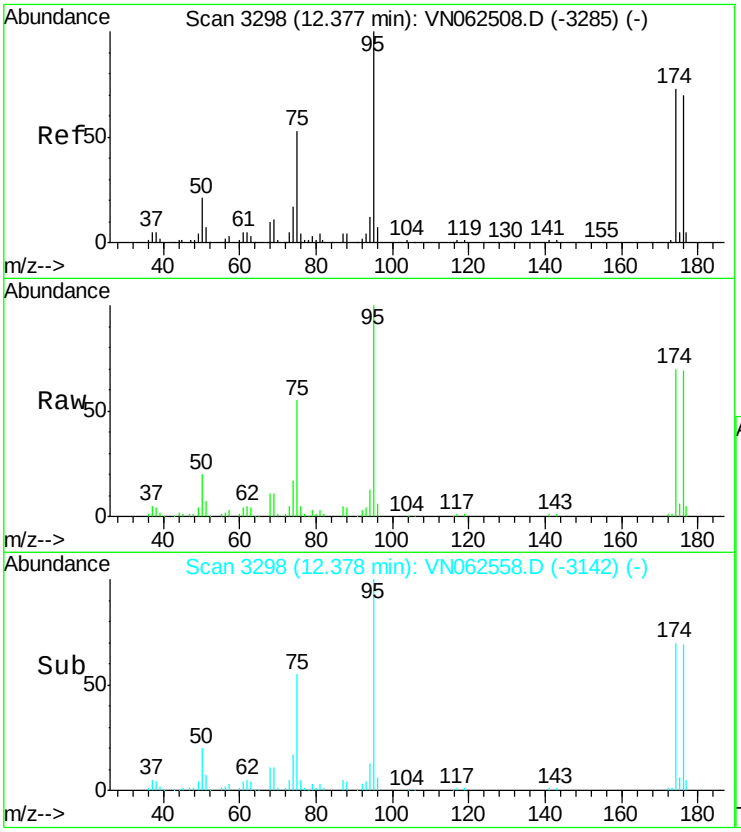


#59
2-Hexanone
Concen: 1.285 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.01 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion: 43 Resp: 3365

Ion	Ratio	Lower	Upper
43	100		
58	46.5	41.2	61.8
57	18.9	14.4	21.6



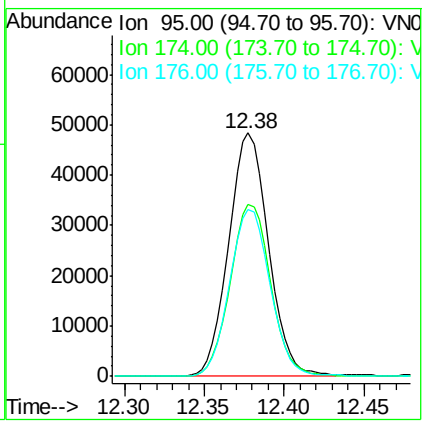


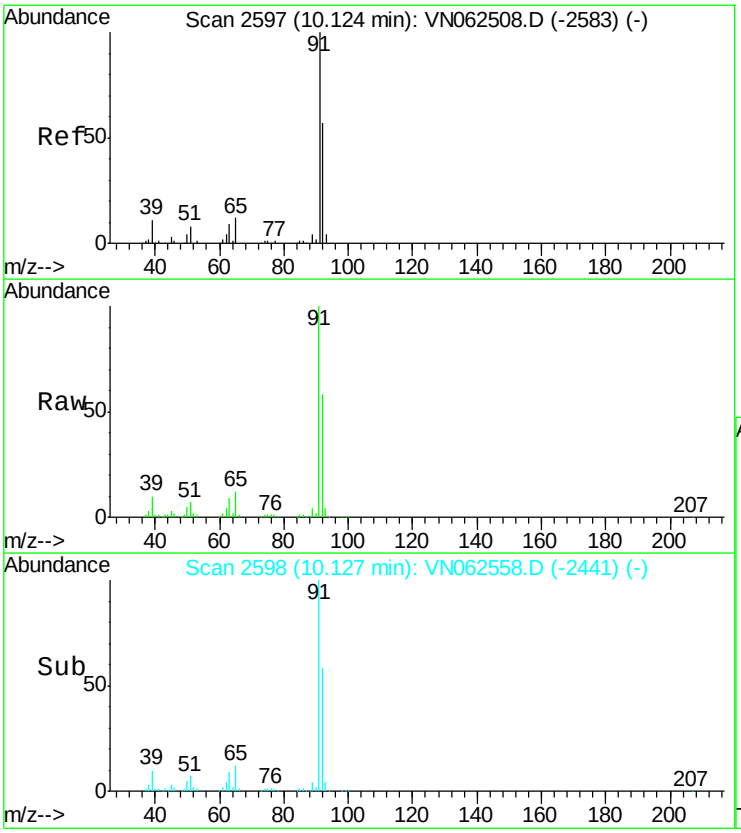
#60
4-Bromofluorobenzene
Concen: 26.368 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 95 Resp: 82241

Ion	Ratio	Lower	Upper
95	100		
174	71.8	57.5	86.3
176	69.7	56.3	84.5

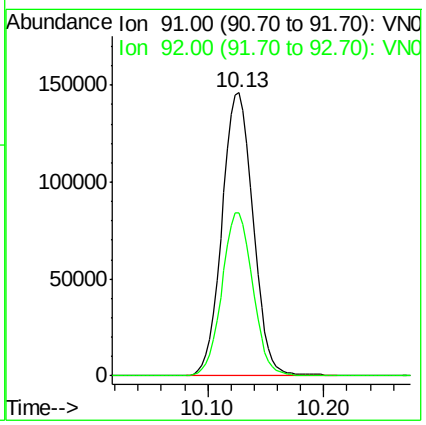


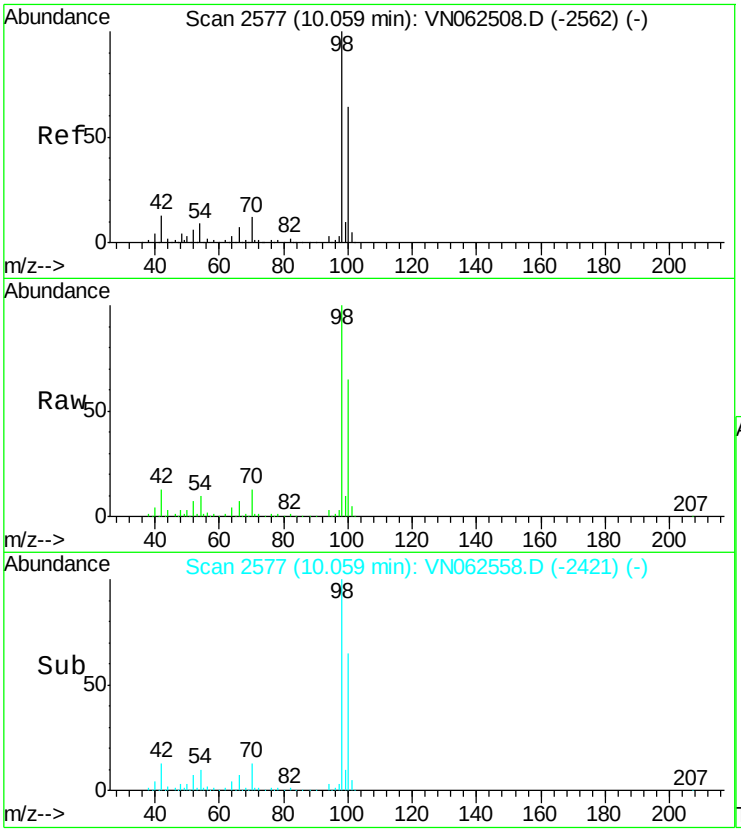


#62
Toluene
Concen: 26.253 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion: 91 Resp: 272970

Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.8	68.6



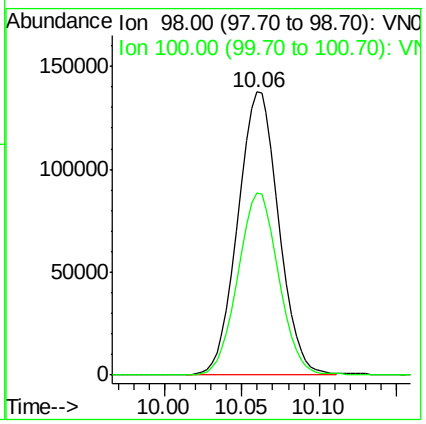


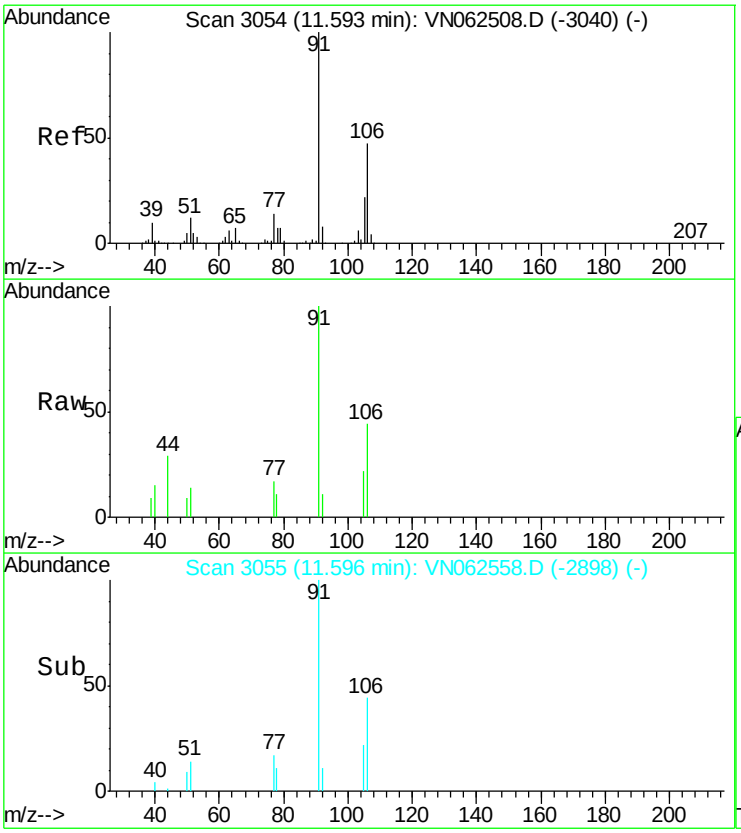
#63
Toluene-d8
Concen: 29.239 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 98 Resp: 253223

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.4	75.6

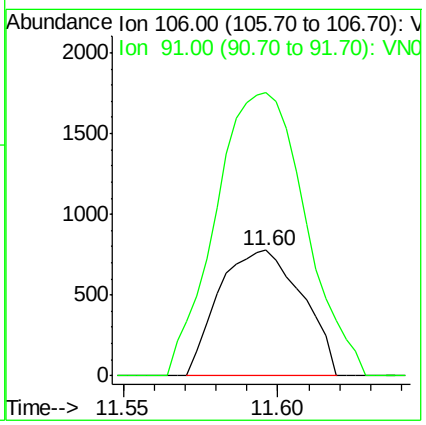


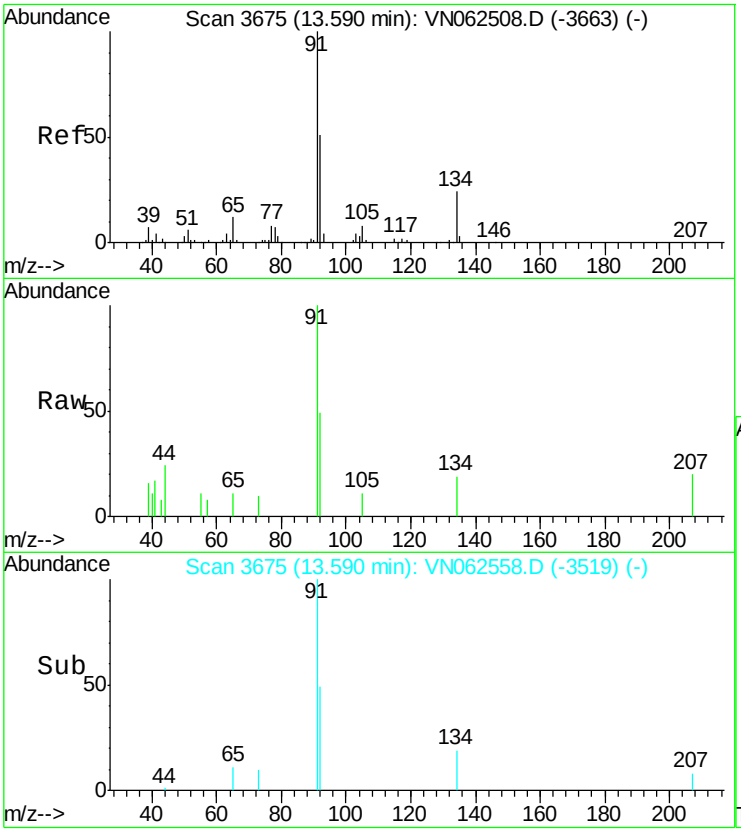


#67
m/p-Xylenes
Concen: 0.348 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion:106 Resp: 1453

Ion	Ratio	Lower	Upper
106	100		
91	242.4	170.7	256.1



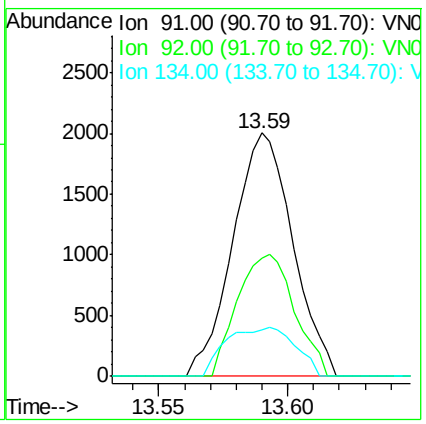


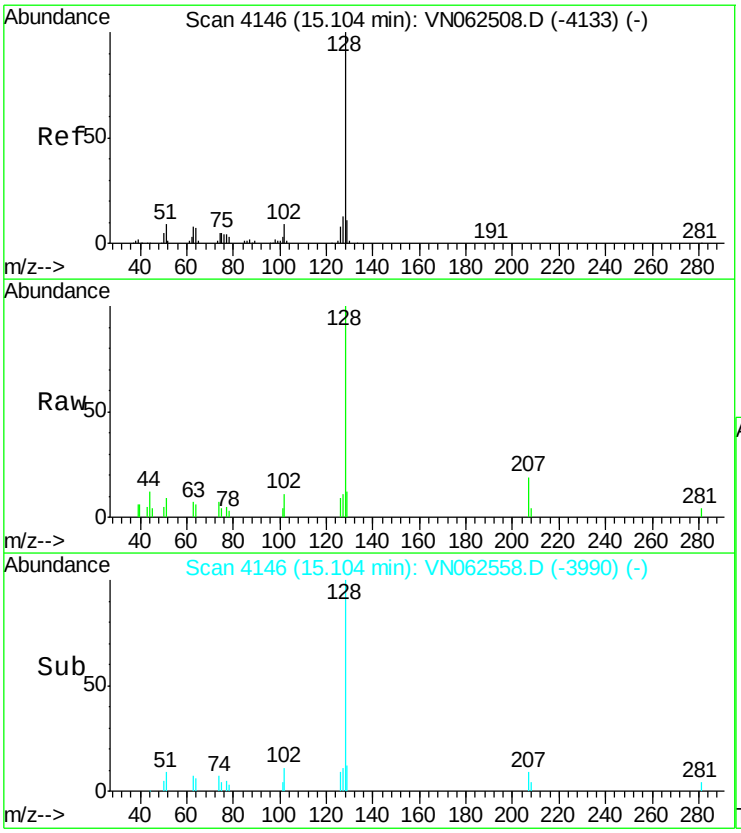
#85
n-Butylbenzene
Concen: 0.421 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

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

Tgt Ion: 91 Resp: 3249

Ion	Ratio	Lower	Upper
91	100		
92	47.7	0.0	102.4
134	8.5	0.0	46.6





#91
Naphthalene
Concen: 1.671 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062558.D
Acq: 20 Jul 2020 13:41

Tgt Ion:128 Resp: 9394

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.0	15.0
129	10.8	8.8	13.2