Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061419\
Data File : VN056302.D
Acq On : 14 Jun 2019 10:13
Operator : JC/SP
Sample : K3336-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 14 12:20:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	58025	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	303664	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	268291	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	117432	32.59	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 108.63%			
60) 4-Bromofluorobenzene	12.40	95	105624	26.56	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.53%			
63) Toluene-d8	10.09	98	367829	30.22	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.73%			
Target Compounds						Qvalue
15) Acetone	3.82	58	4710910	8864.003	ug/l	96
16) Carbon Disulfide	4.04	76	6679	0.927	ug/l	97
30) 2-Butanone	6.84	43	123499	57.111	ug/l	98
44) Isopropyl Acetate	8.17	43	3130	0.487	ug/l	92
58) 4-Methyl-2-Pentanone	9.99	43	20319	5.001	ug/l	96
59) 2-Hexanone	10.75	43	2041	0.703	ug/l #	81
62) Toluene	10.16	91	423655	29.251	ug/l	99
66) Ethyl Benzene	11.51	91	4109	0.266	ug/l	95
67) m/p-Xylenes	11.62	106	6127	1.038	ug/l	85
68) o-Xylene	11.94	106	4244	0.734	ug/l	76
76) 1,3,5-Trimethylbenzene	12.73	105	2944	0.237	ug/l	95
80) 1,2,4-Trimethylbenzene	13.04	105	10912	0.903	ug/l	77
82) p-Isopropyltoluene	13.29	119	15282	1.214	ug/l	97

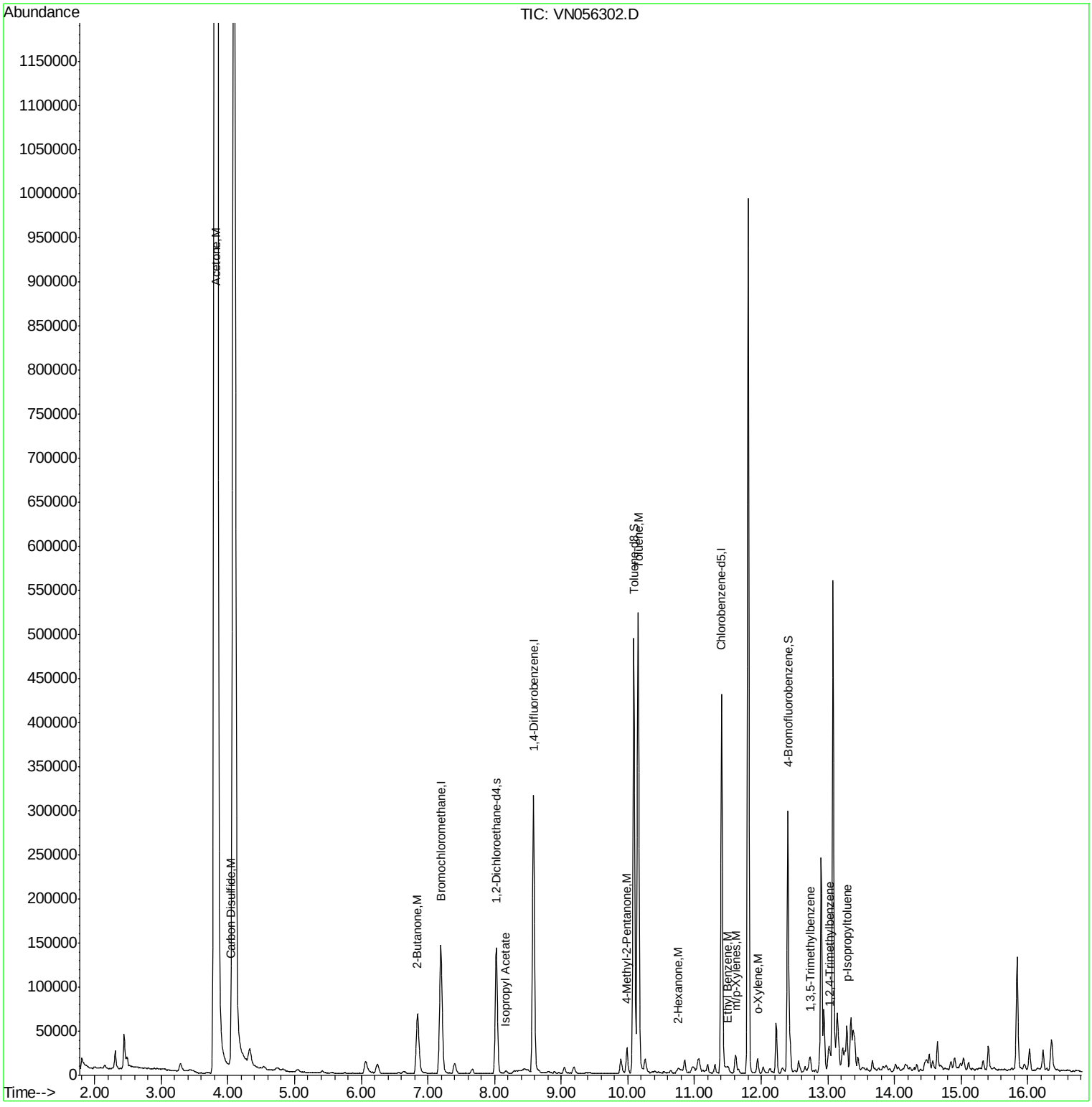
(#) = qualifier out of range (m) = manual integration (+) = signals summed

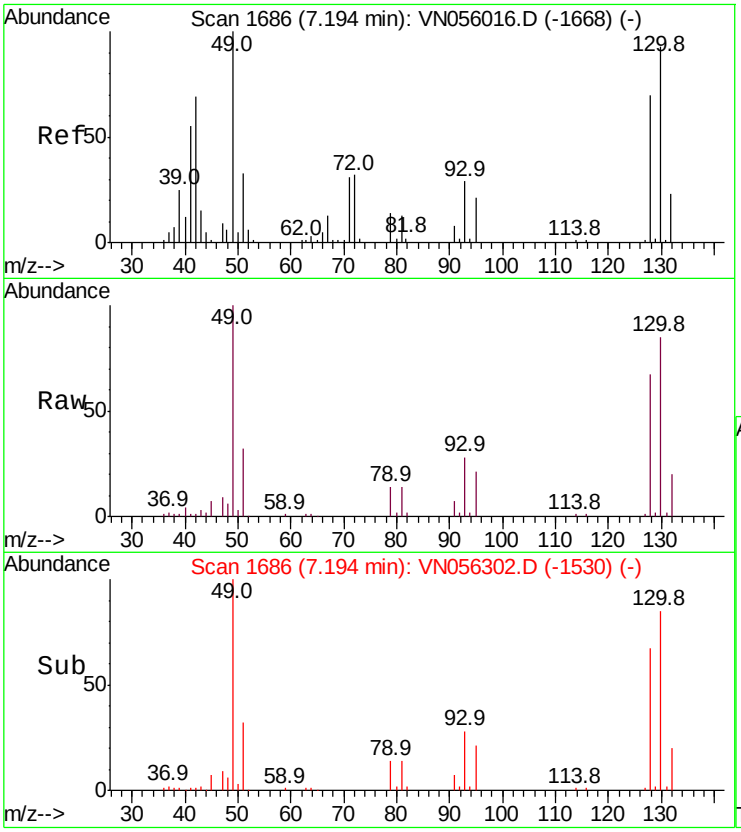
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061419\
Data File : VN056302.D
Acq On : 14 Jun 2019 10:13
Operator : JC/SP
Sample : K3336-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 14 12:20:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration



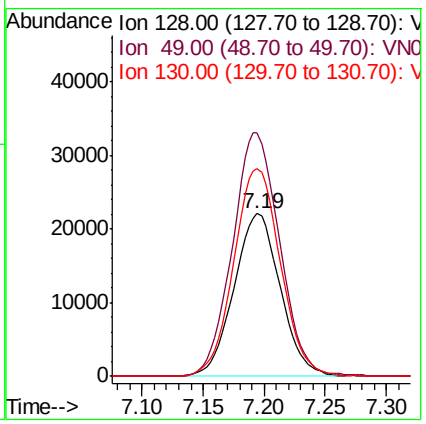


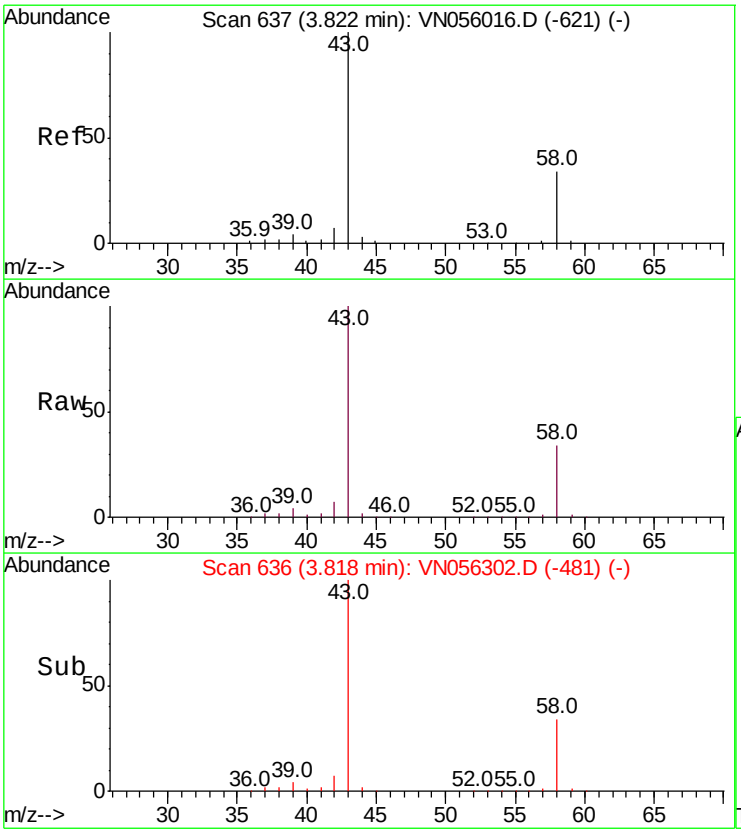
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion:128 Resp: 58025

Ion	Ratio	Lower	Upper
128	100		
49	152.5	0.0	355.8
130	128.9	0.0	326.3

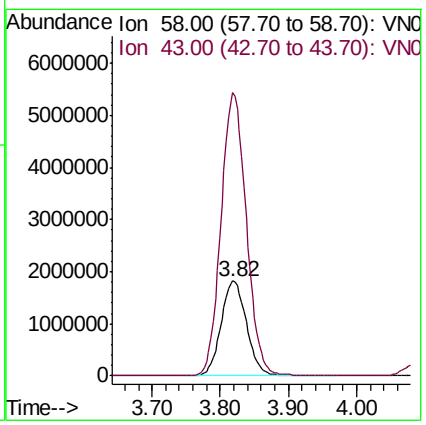


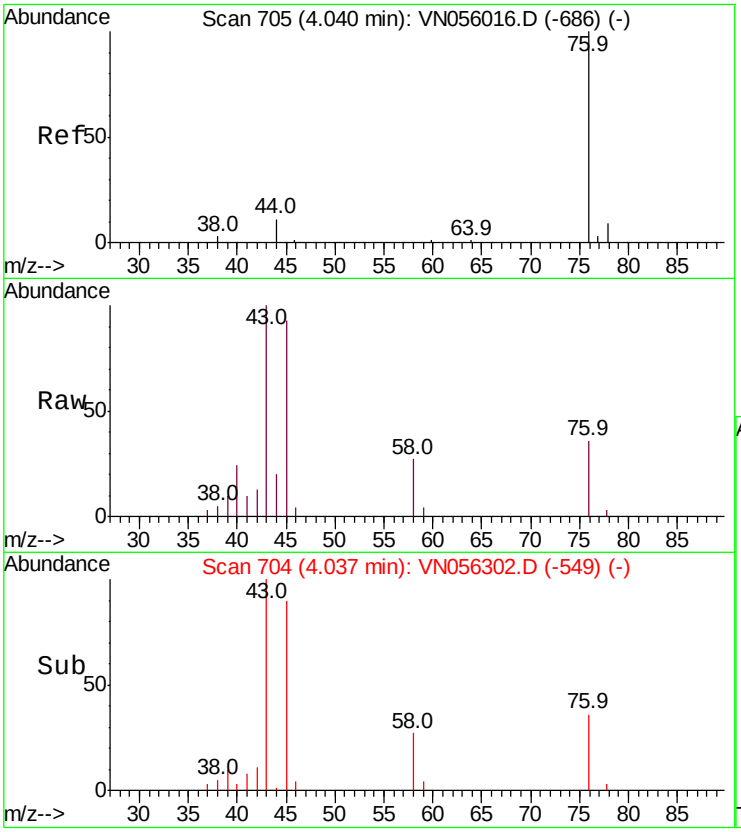


#15
Acetone
Concen: 8864.003 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 58 Resp: 4710910

Ion	Ratio	Lower	Upper
58	100		
43	297.5	232.5	348.7



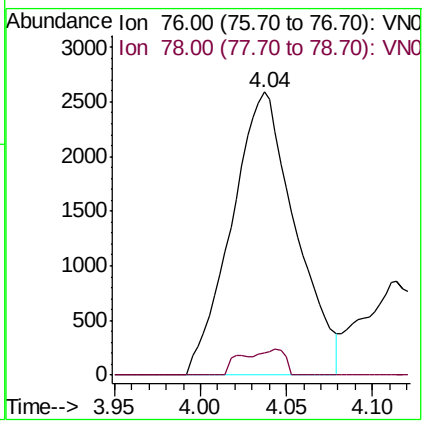


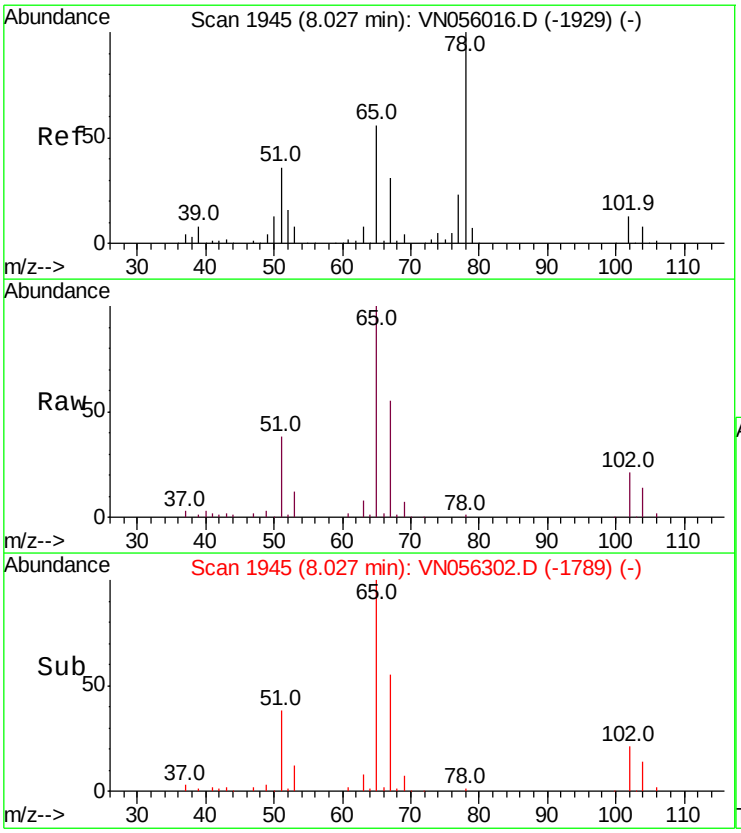
#16
Carbon Disulfide
Concen: 0.927 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion: 76 Resp: 6679

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.3	10.9

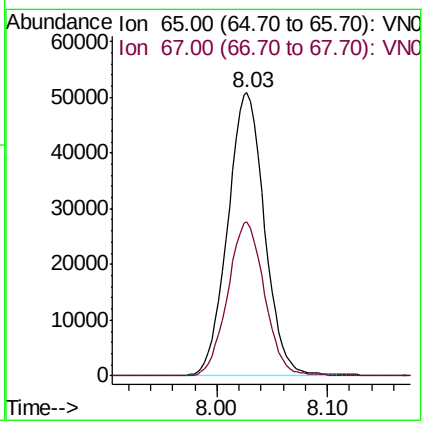


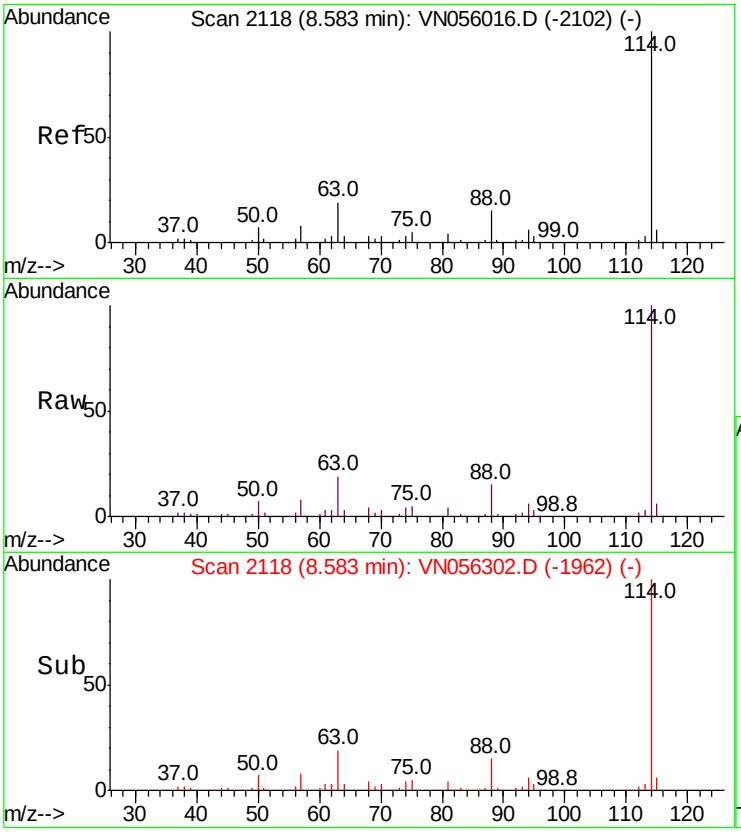


#27
1,2-Dichloroethane-d4
Concen: 32.590 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 65 Resp: 117432

Ion	Ratio	Lower	Upper
65	100		
67	54.2	43.4	65.2



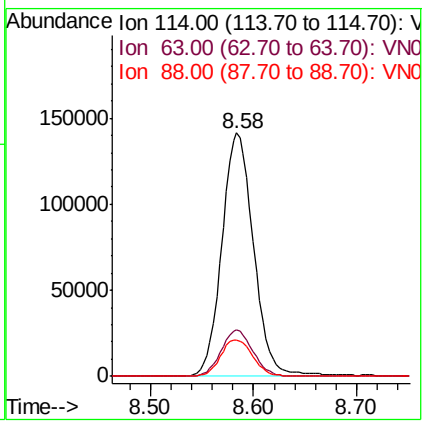


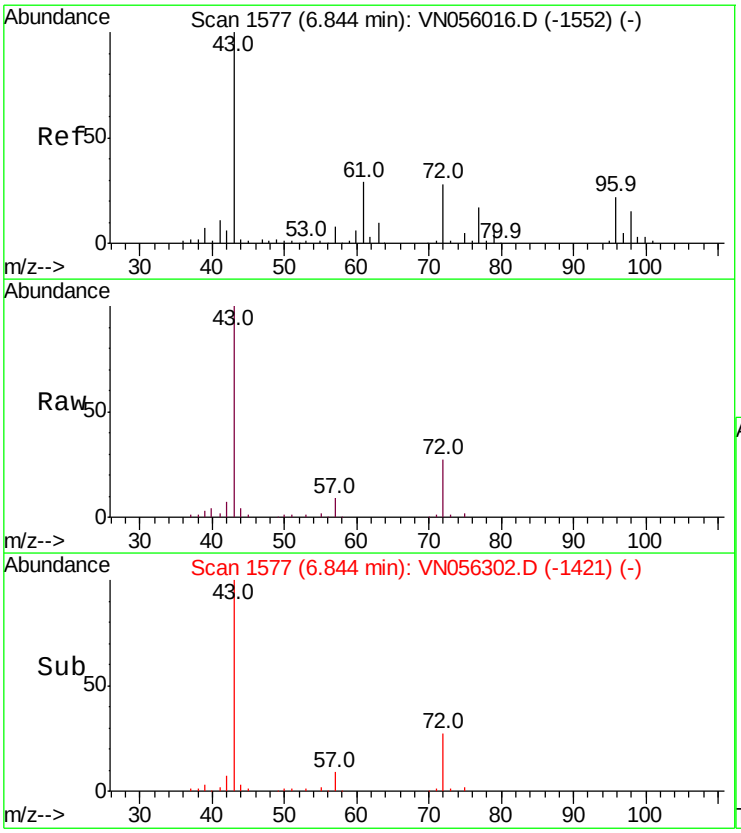
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion:114 Resp: 303664

Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.7	22.1
88	15.3	11.9	17.9

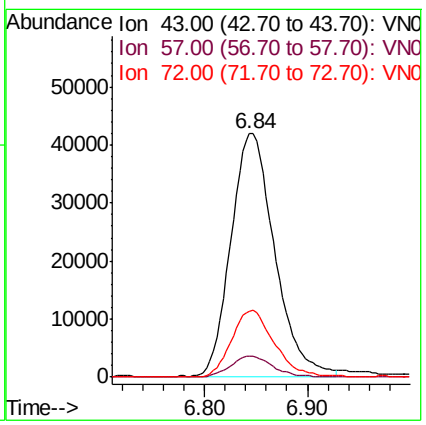


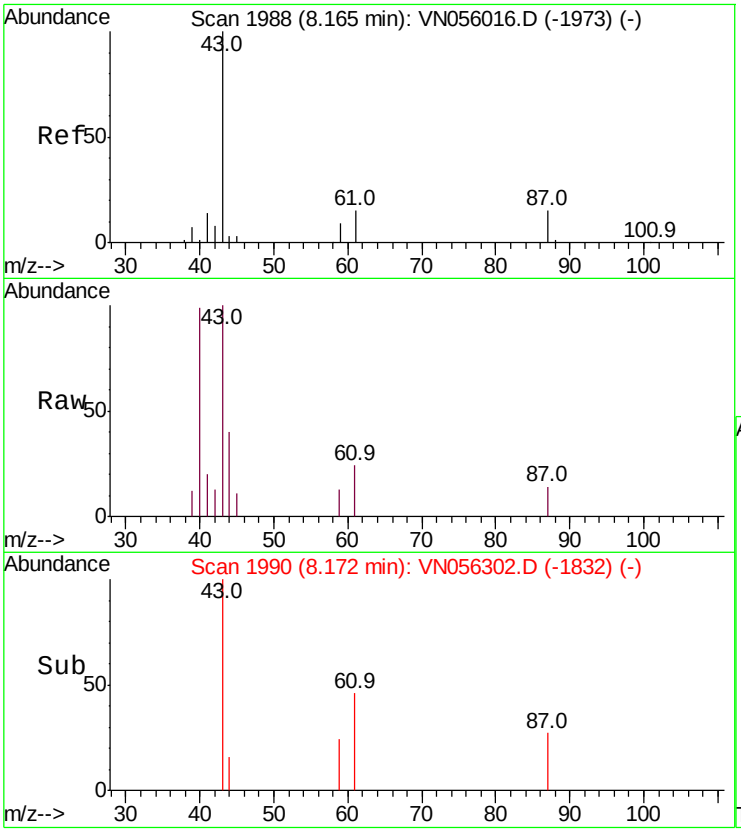


#30
2-Butanone
Concen: 57.111 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 43 Resp: 123499

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.7	10.1
72	26.6	22.4	33.6



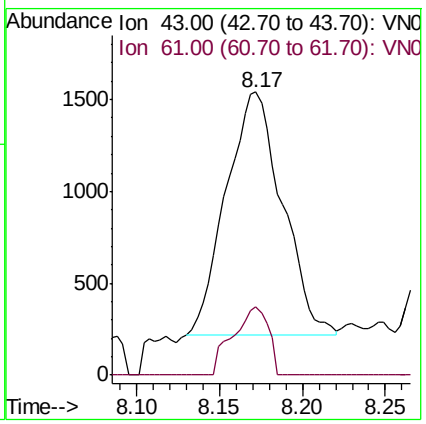


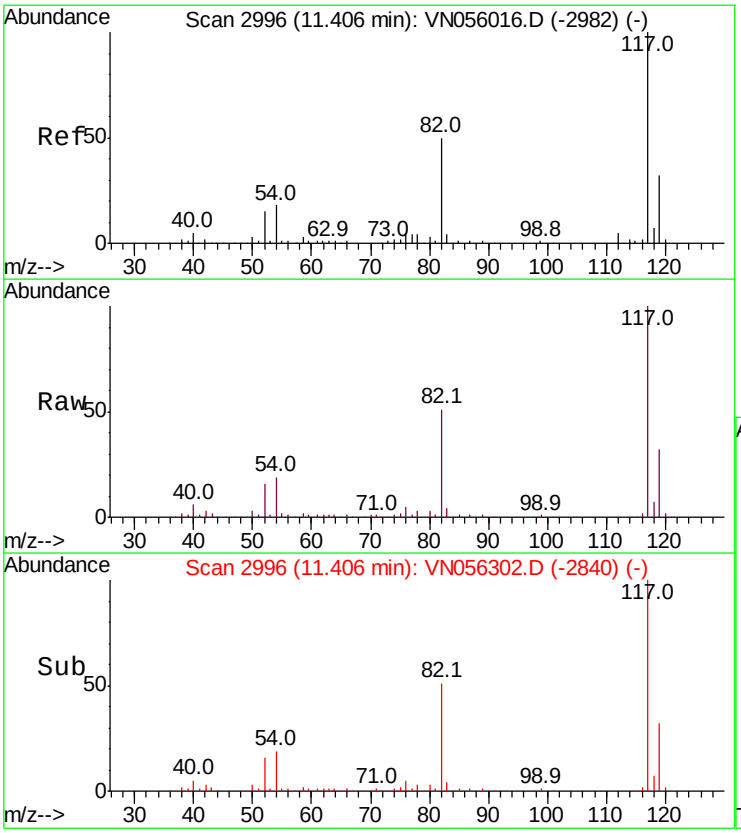
#44
Isopropyl Acetate
Concen: 0.487 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion: 43 Resp: 3130

Ion	Ratio	Lower	Upper
43	100		
61	17.6	16.9	25.3

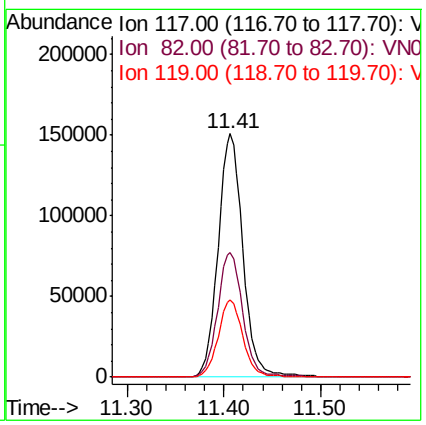


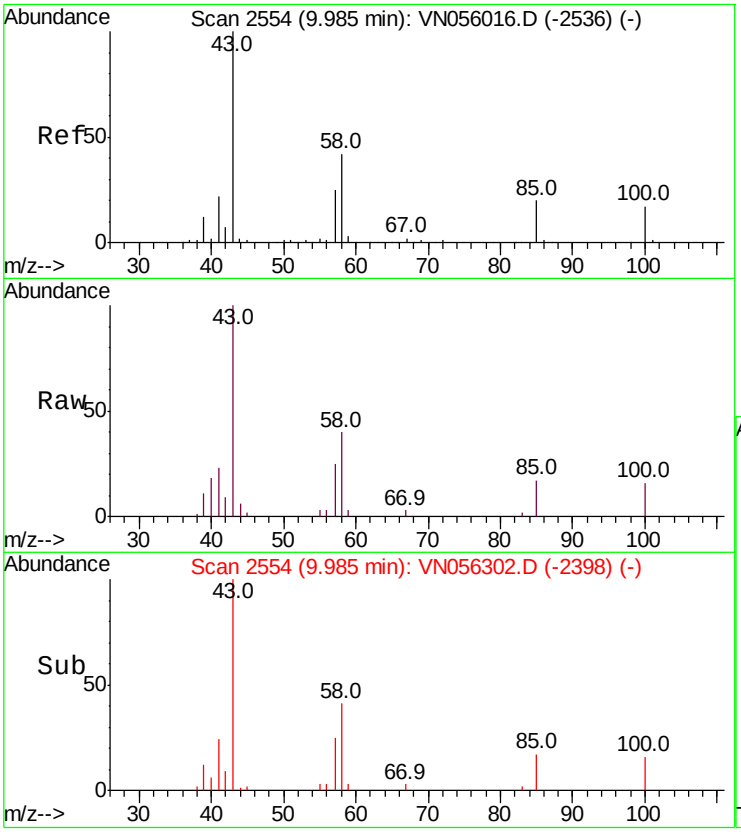


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion:117 Resp: 268291

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.2	61.8
119	31.6	26.2	39.2



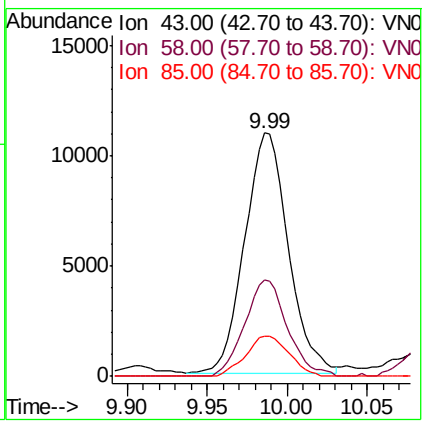


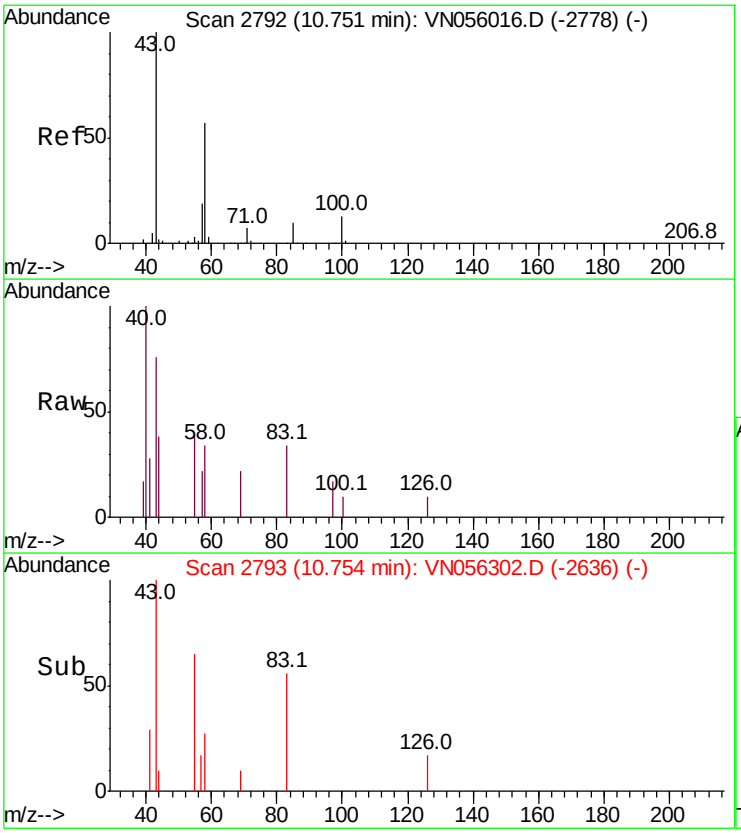
#58
4-Methyl-2-Pentanone
Concen: 5.001 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion: 43 Resp: 20319

Ion	Ratio	Lower	Upper
43	100		
58	39.4	33.1	49.7
85	16.8	15.5	23.3

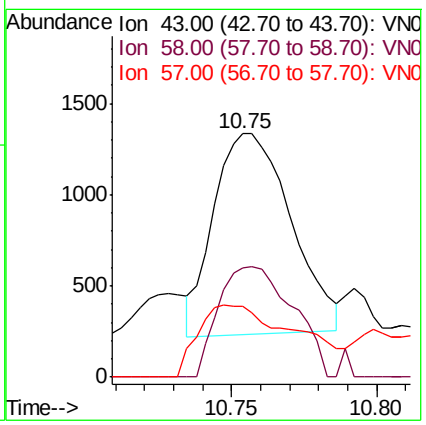


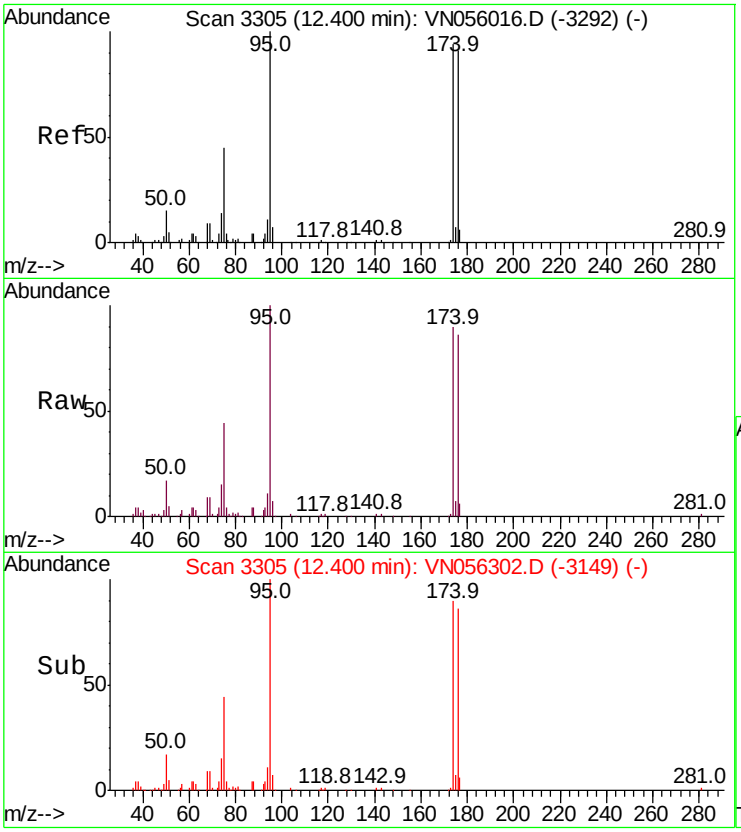


#59
2-Hexanone
Concen: 0.703 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 43 Resp: 2041

Ion	Ratio	Lower	Upper
43	100		
58	52.8	45.3	67.9
57	46.8	15.6	23.4#



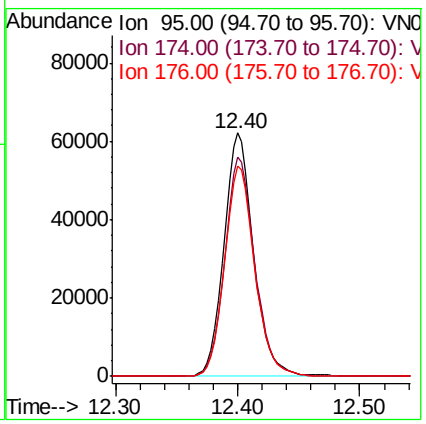


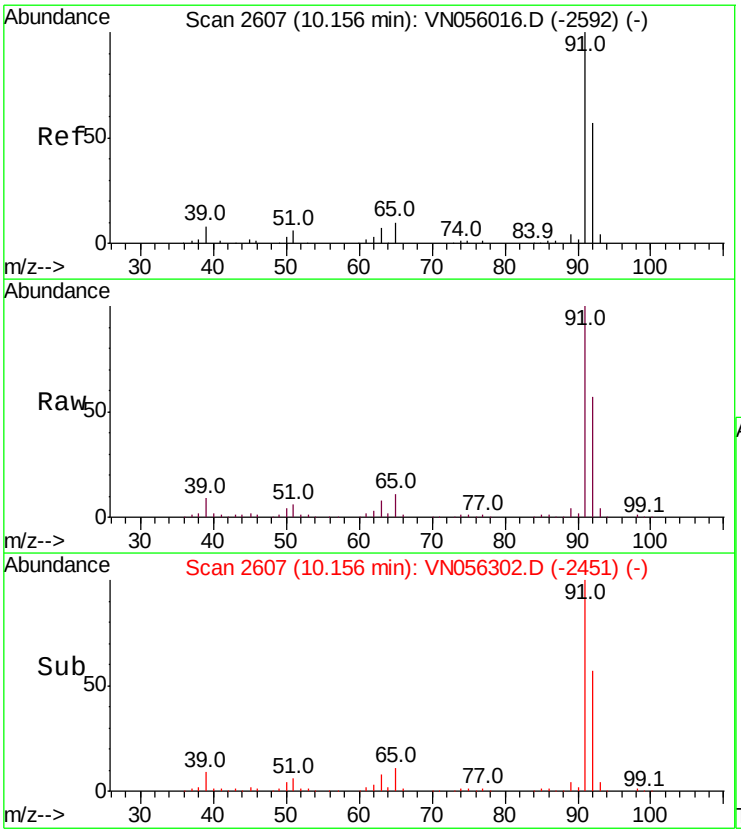
#60
4-Bromofluorobenzene
Concen: 26.561 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion: 95 Resp: 105624

Ion	Ratio	Lower	Upper
95	100		
174	90.9	75.4	113.0
176	87.5	73.9	110.9

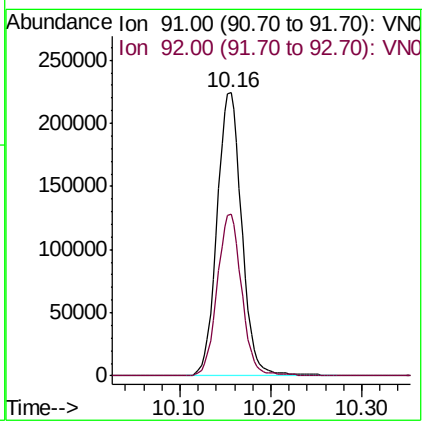


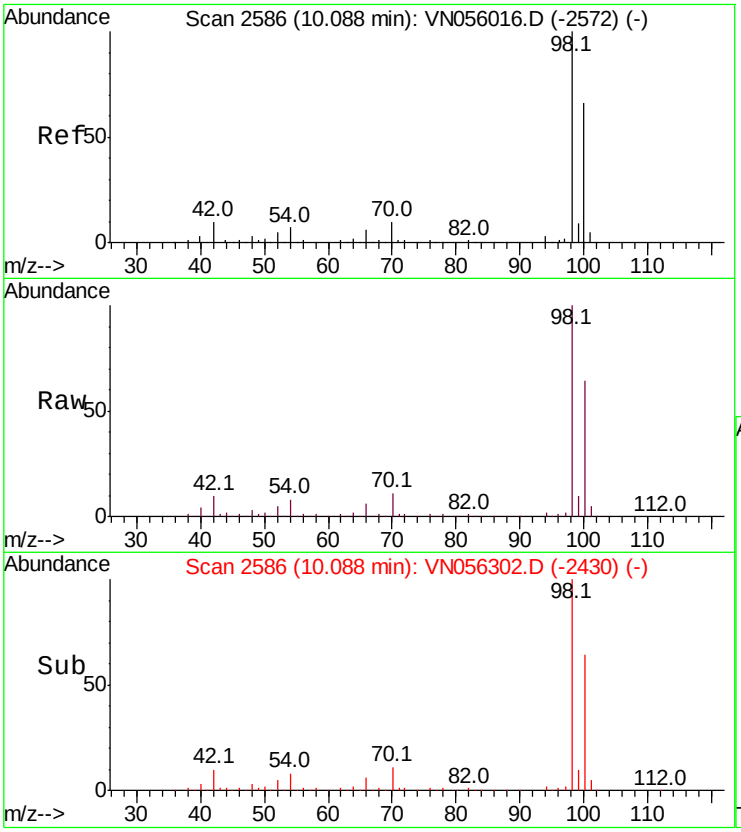


#62
Toluene
Concen: 29.251 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 91 Resp: 423655

Ion	Ratio	Lower	Upper
91	100		
92	56.4	45.5	68.3



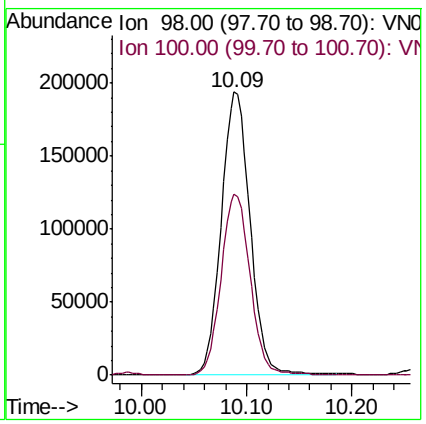


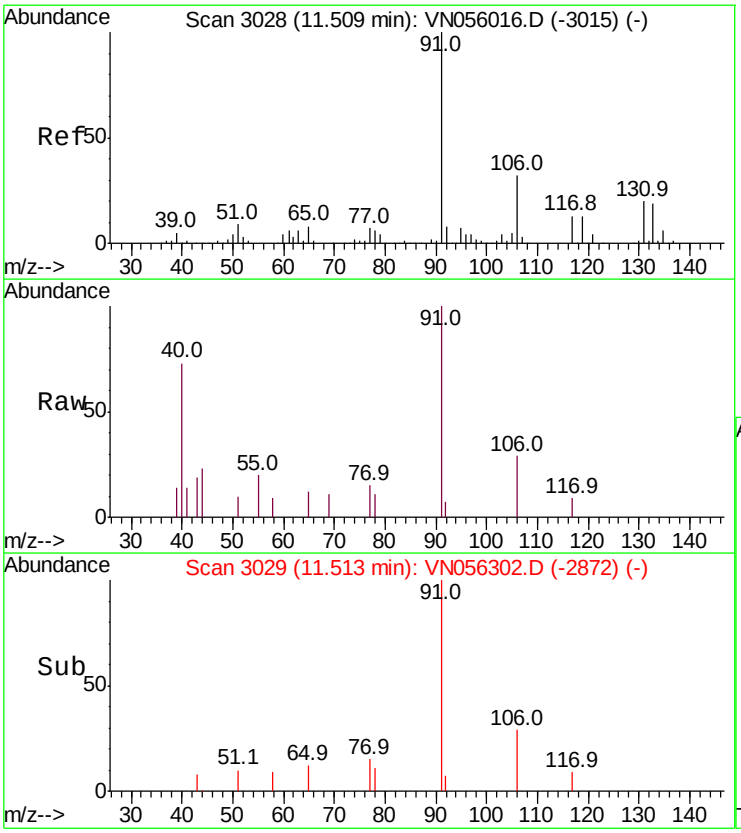
#63
Toluene-d8
Concen: 30.223 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion: 98 Resp: 367829

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4

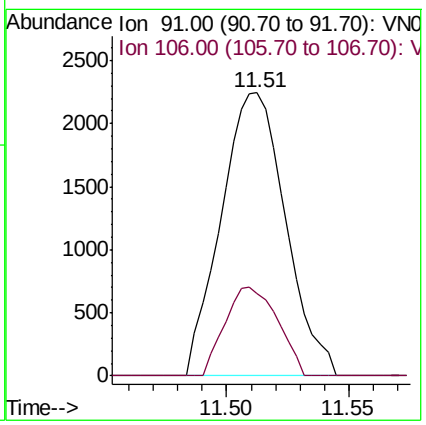


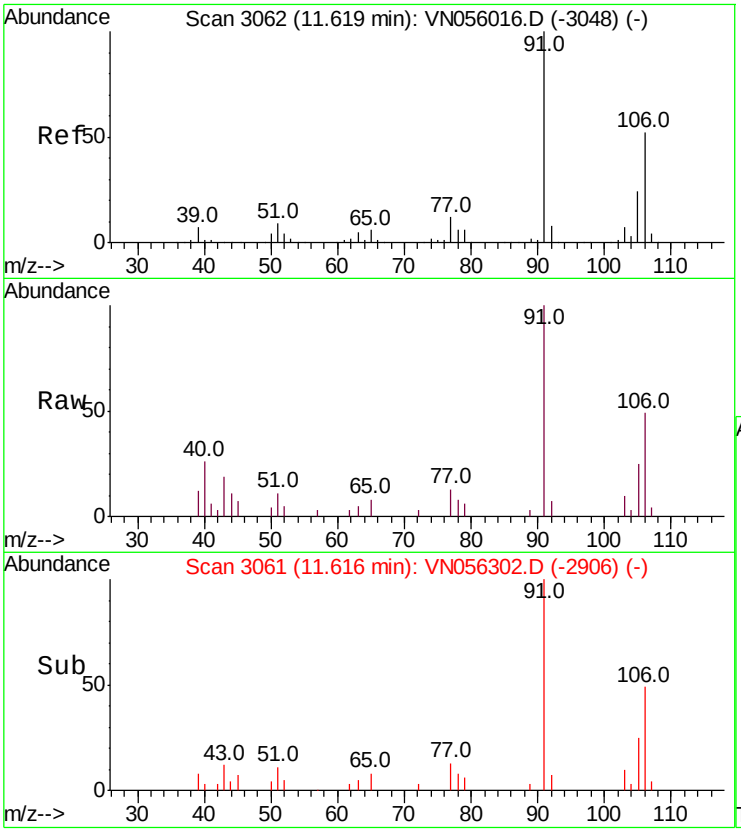


#66
Ethyl Benzene
Concen: 0.266 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion: 91 Resp: 4109

Ion	Ratio	Lower	Upper
91	100		
106	29.2	25.7	38.5



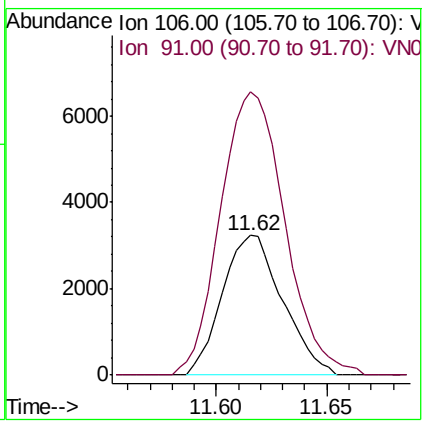


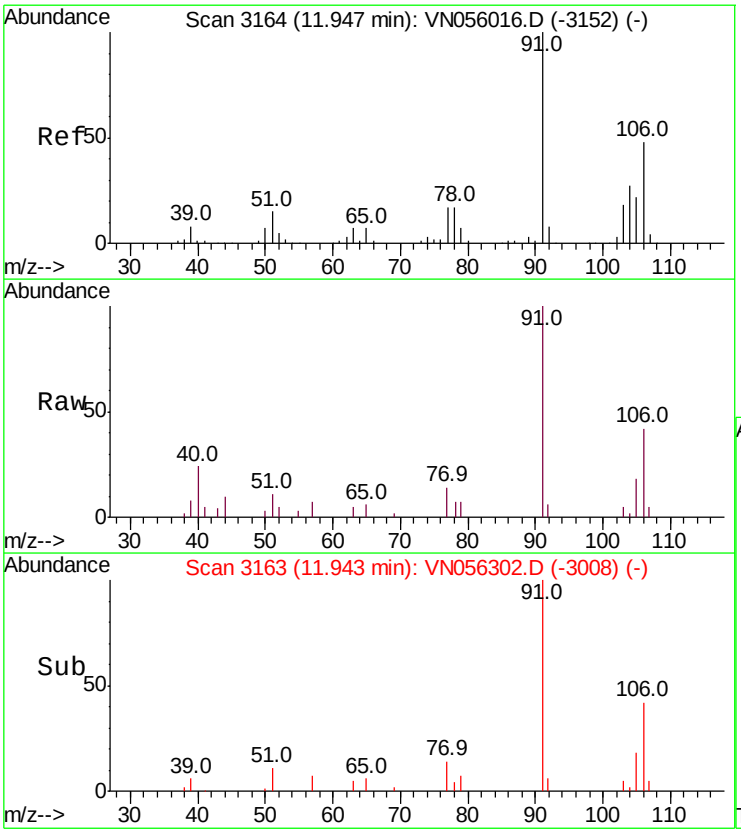
#67
m/p-Xylenes
Concen: 1.038 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion:106 Resp: 6127

Ion	Ratio	Lower	Upper
106	100		
91	217.4	155.7	233.5

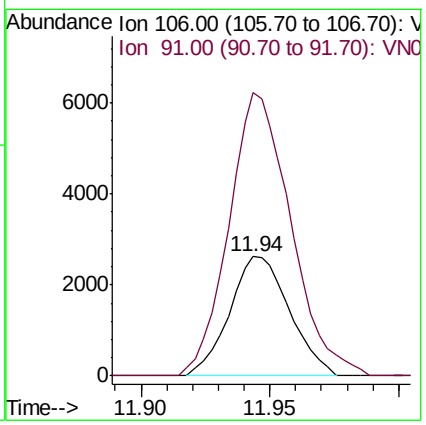


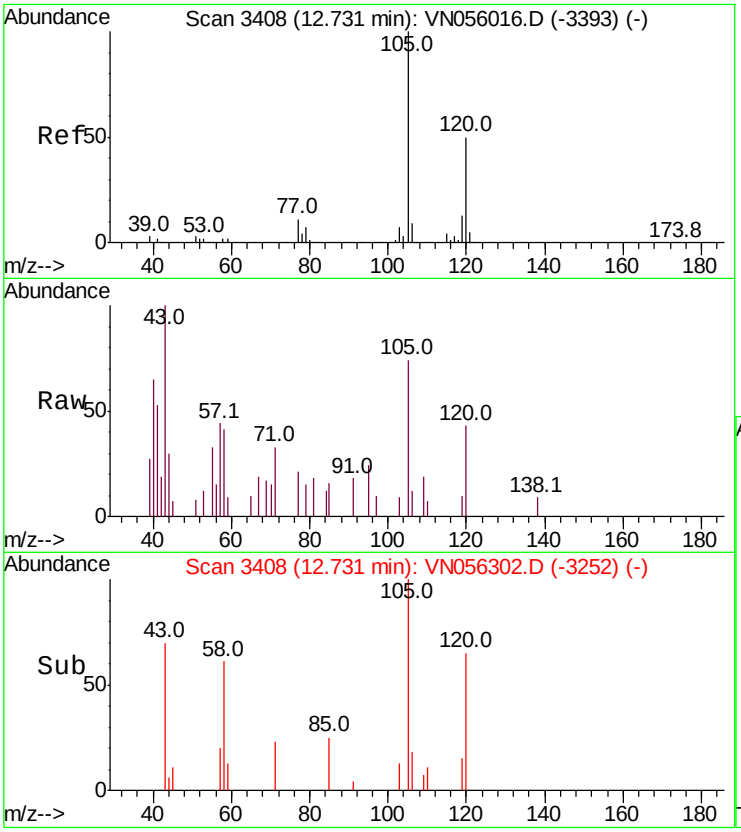


#68
o-Xylene
Concen: 0.734 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion:106 Resp: 4244

Ion	Ratio	Lower	Upper
106	100		
91	245.5	103.9	311.7



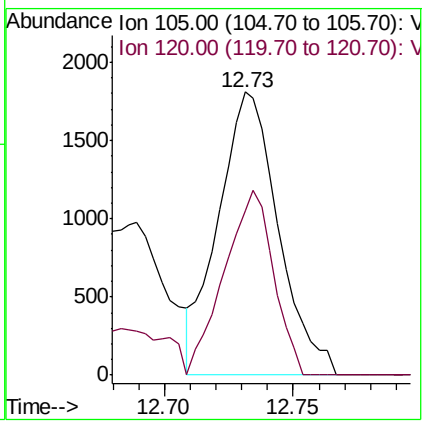


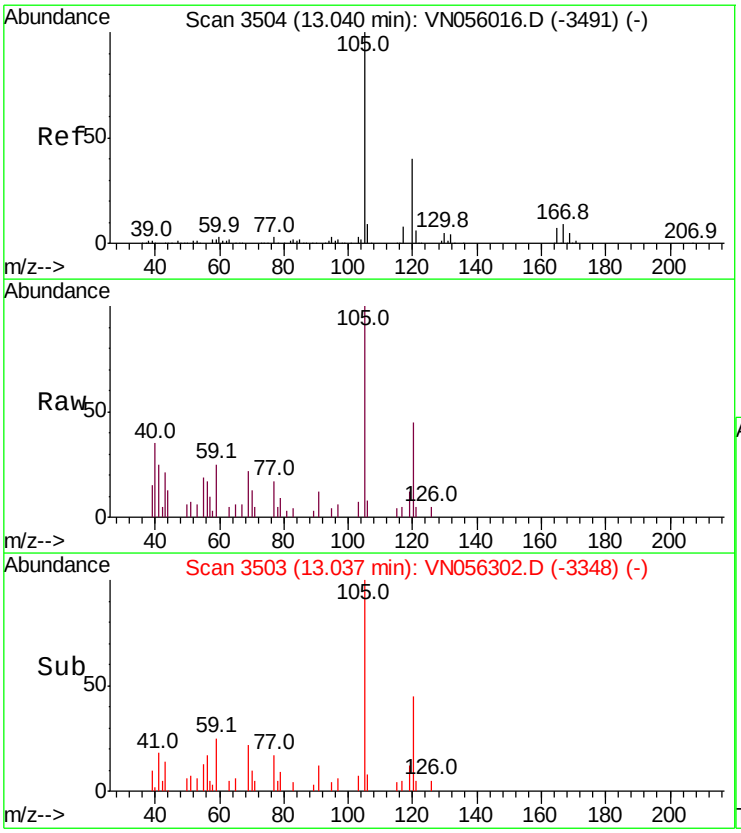
#76
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion:105 Resp: 2944

Ion	Ratio	Lower	Upper
105	100		
120	53.5	0.0	100.6

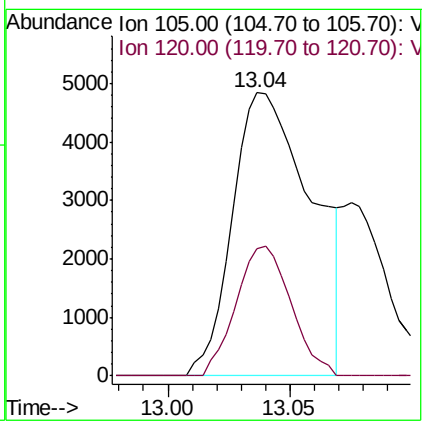


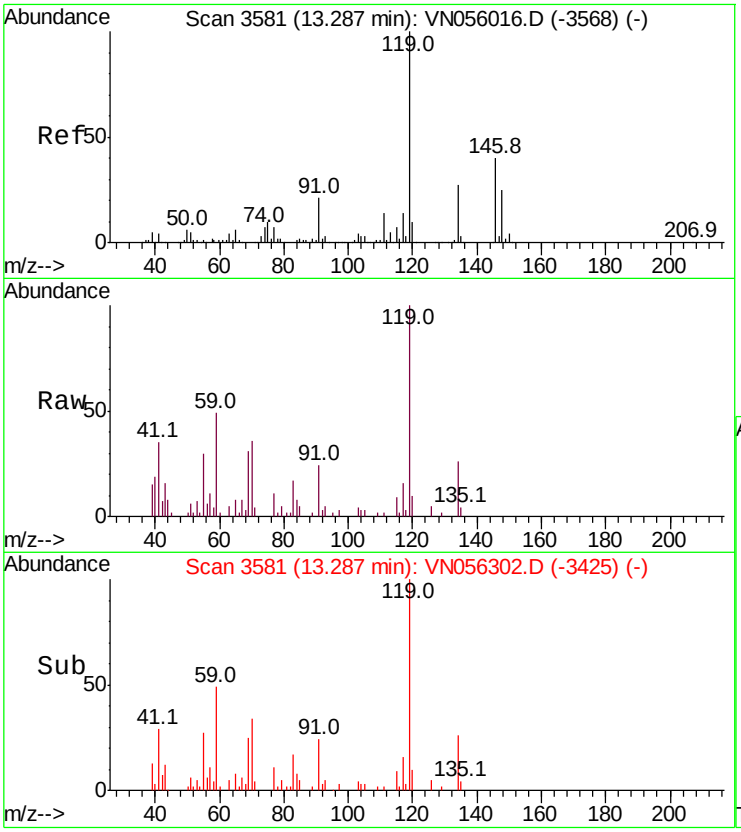


#80
1,2,4-Trimethylbenzene
Concen: 0.903 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

Tgt Ion:105 Resp: 10912

Ion	Ratio	Lower	Upper
105	100		
120	31.7	0.0	93.4





#82
p-Isopropyltoluene
Concen: 1.214 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056302.D
Acq: 14 Jun 2019 10:13

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

Tgt Ion:119 Resp: 15282

Ion	Ratio	Lower	Upper
119	100		
134	25.2	0.0	53.4
91	23.4	0.0	43.0