Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011257.D
Acq On : 15 Jul 2019 13:27
Operator : SY/VA
Sample : K3760-15MS
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z4MS

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM

Quant Time: Jul 16 05:34:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	240155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	178859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61416	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	66912	18.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.00%			
7) Chloroethane-d5	2.88	69	55240	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.88%			
10) 1,1-Dichloroethene-d2	4.02	63	170876	22.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.00%			
20) 2-Butanone-d5	7.07	46	51096	35.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.74%			
24) Chloroform-d	7.65	84	153214	23.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.12%			
26) 1,2-Dichloroethane-d4	8.31	65	91774	22.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.56%			
29) Benzene-d6	8.27	84	302909	27.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.96%			
33) 1,2-Dichloropropane-d6	9.27	67	103571	28.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.48%			
37) Toluene-d8	10.32	98	238047	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.96%			
38) trans-1,3-Dichloropropene-	10.58	79	28998	19.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.04%			
39) 2-Hexanone-d5	10.93	63	29394	35.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.44%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62335	21.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	50710	21.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.04%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	86312	27.349	ug/L	80
13) Acetone	4.12	43	51503	36.503	ug/L	99
16) Methylene chloride	4.92	84	7588	2.150	ug/L	90
21) 2-Butanone	7.18	43	3690m	2.026	ug/L	
34) Benzene	8.32	78	393294	35.183	ug/L	100
35) Trichloroethene	9.09	95	89616	31.769	ug/L	99
44) Toluene	10.38	91	361202	31.218	ug/L	100
52) Chlorobenzene	11.66	112	190851	26.999	ug/L	99

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

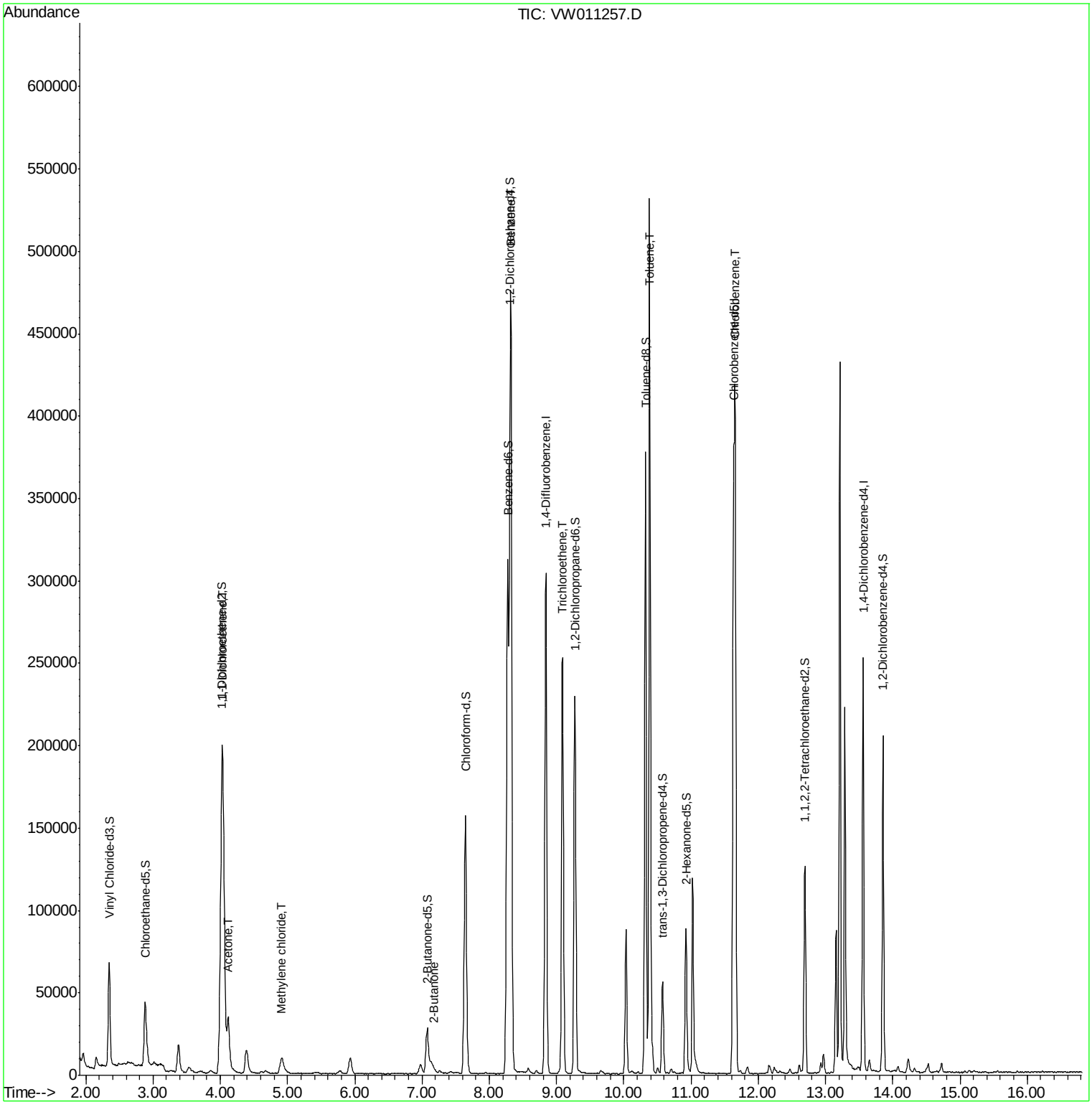
Quantitation Report (QT Reviewed)

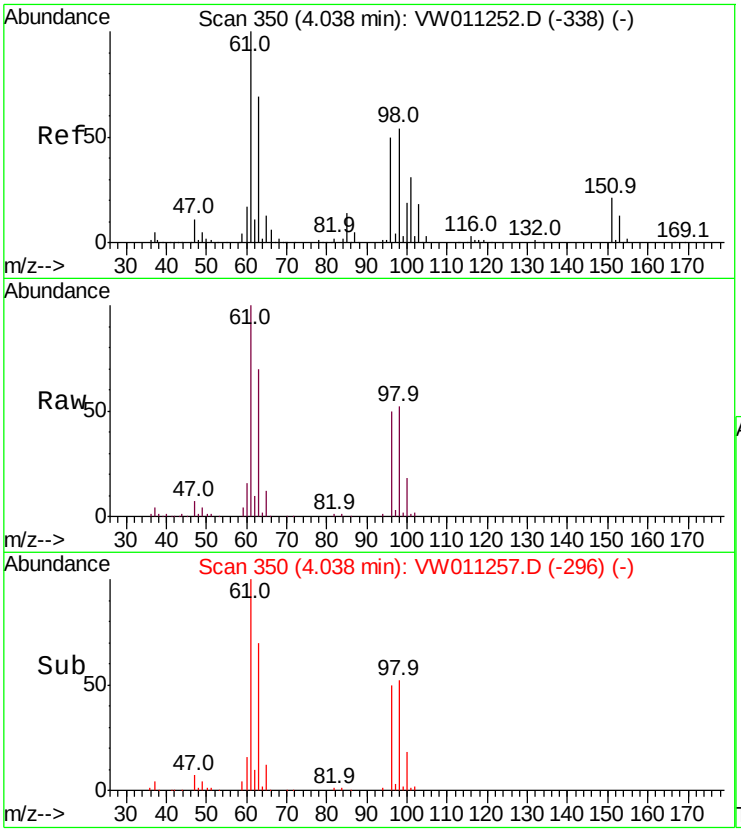
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011257.D
Acq On : 15 Jul 2019 13:27
Operator : SY/VA
Sample : K3760-15MS
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 05:34:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM

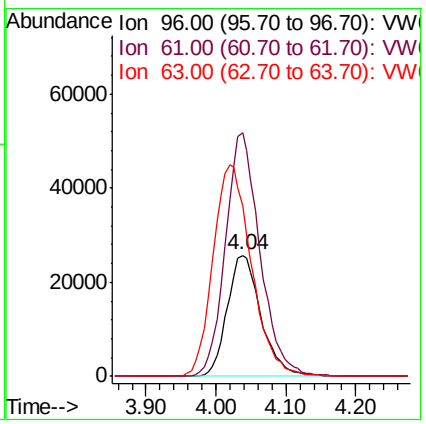




#12
1,1-Dichloroethene
Concen: 27.349 ug/L
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

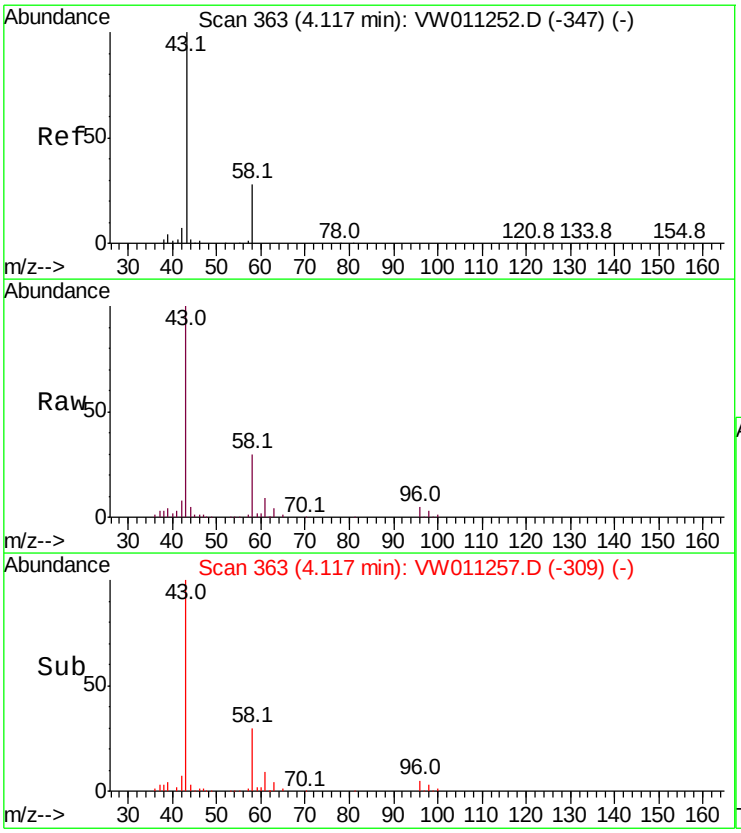
Tgt Ion: 96 Resp: 86312

Ion	Ratio	Lower	Upper
96	100		
61	200.8	142.2	264.0
63	141.1	138.9	257.9



Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

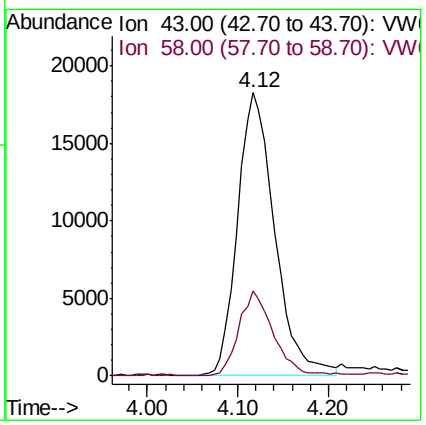
Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM

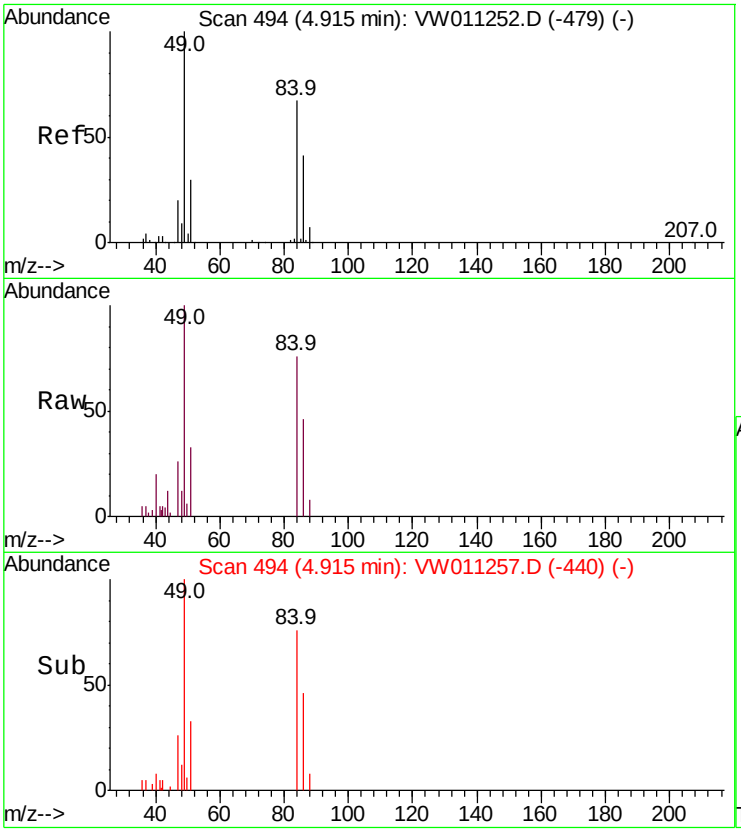


#13
Acetone
Concen: 36.503 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 43 Resp: 51503

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	55.0

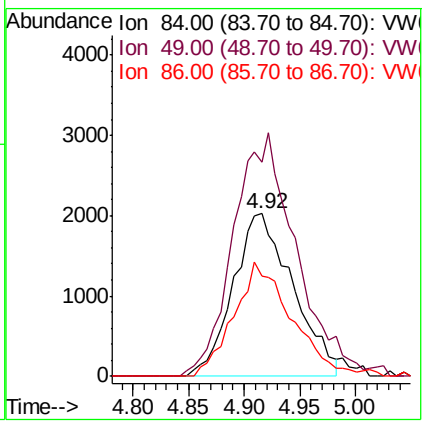




#16
Methylene chloride
Concen: 2.150 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

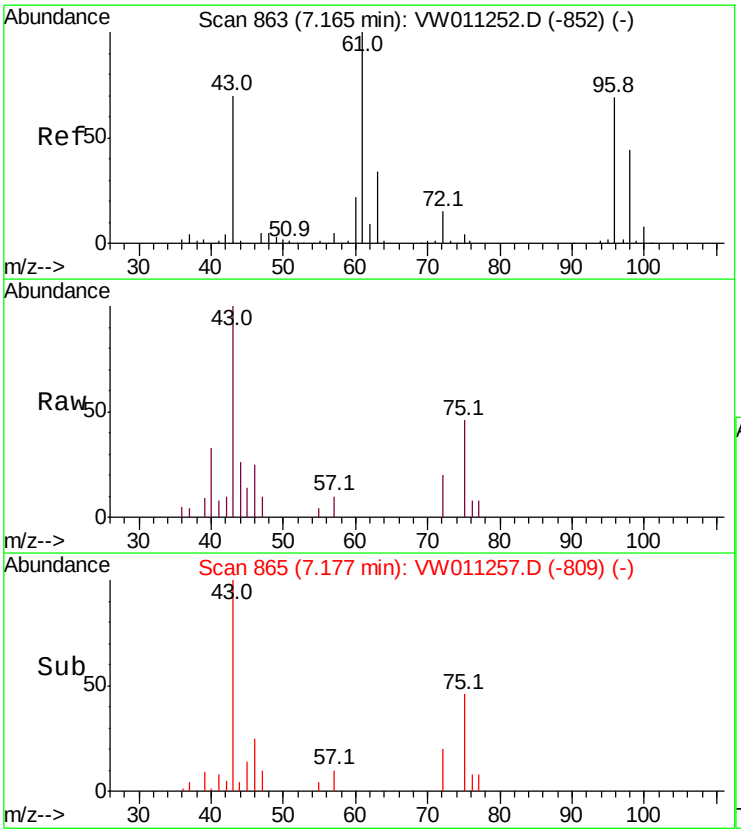
Tgt Ion: 84 Resp: 7588

Ion	Ratio	Lower	Upper
84	100		
49	131.6	102.5	190.3
86	61.2	46.4	86.2



Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

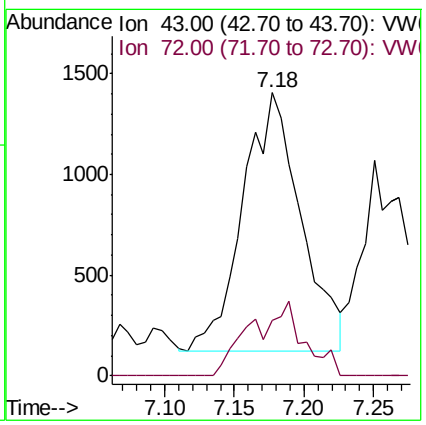
Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM

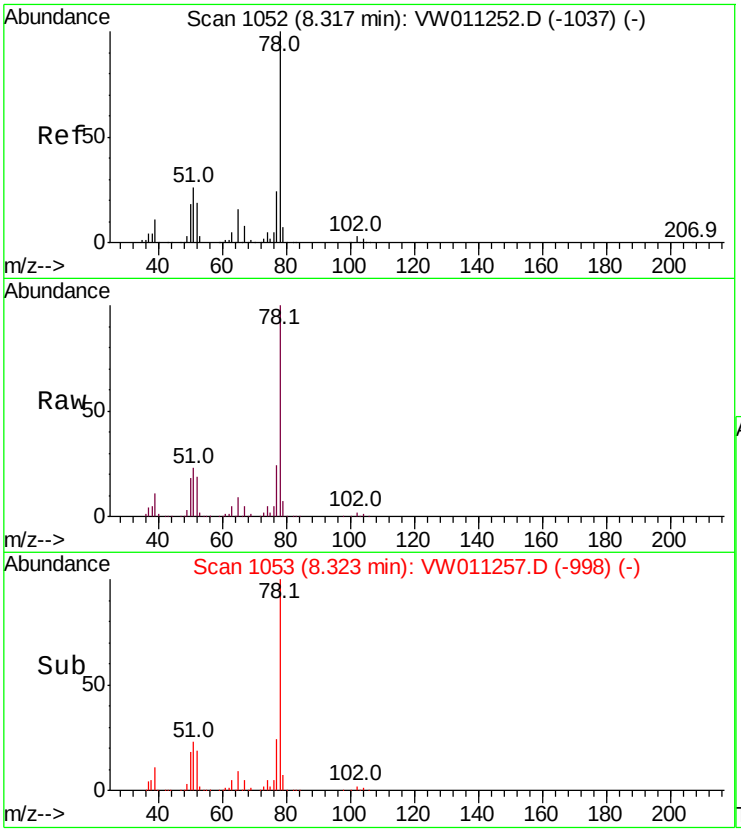


#21
2-Butanone
Concen: 2.026 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 43 Resp: 3690

Ion	Ratio	Lower	Upper
43	100		
72	10.8	11.2	33.6#



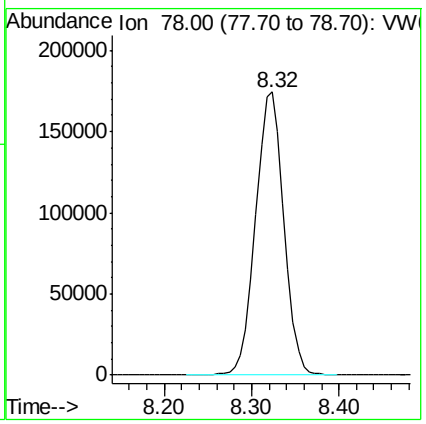


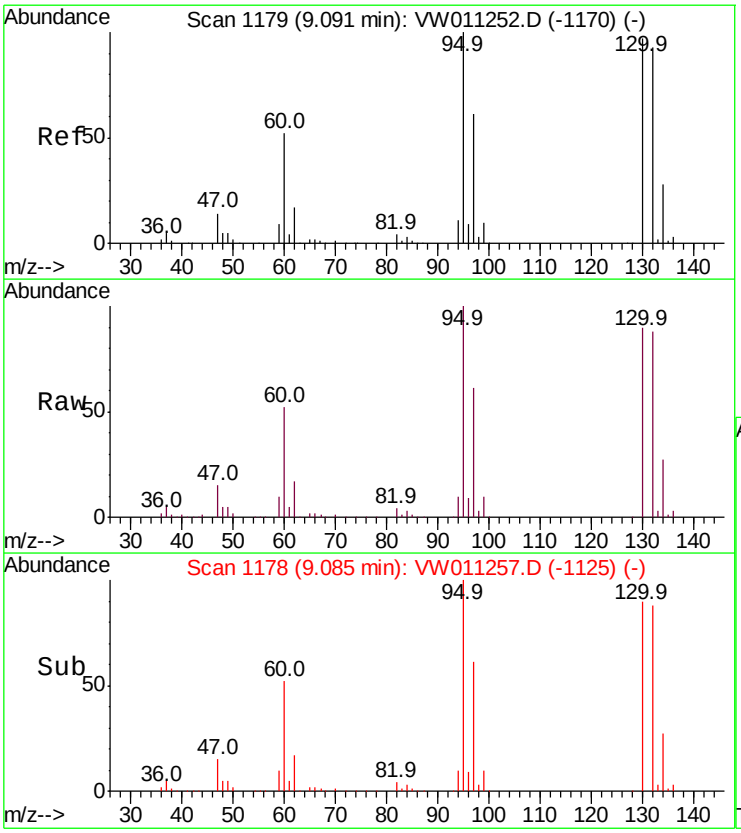
#34
Benzene
Concen: 35.183 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 78 Resp: 393294

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM

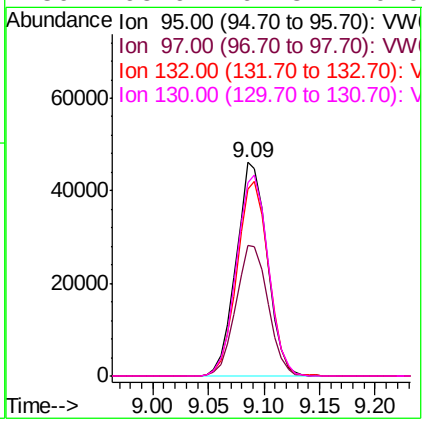


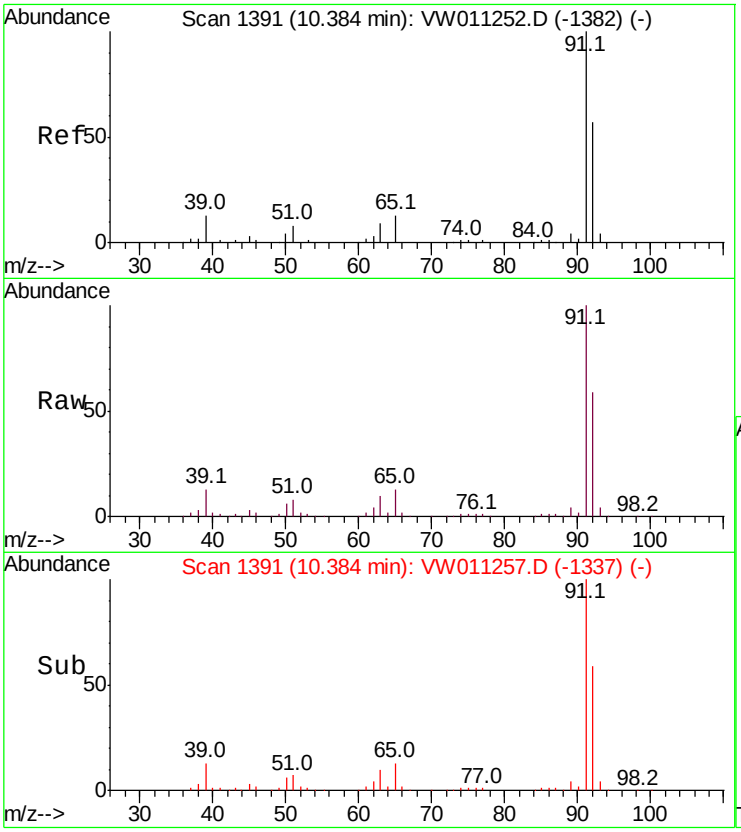


#35
Trichloroethene
Concen: 31.769 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 95 Resp: 89616

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.4	84.2
132	92.2	65.0	120.8
130	95.9	67.8	126.0





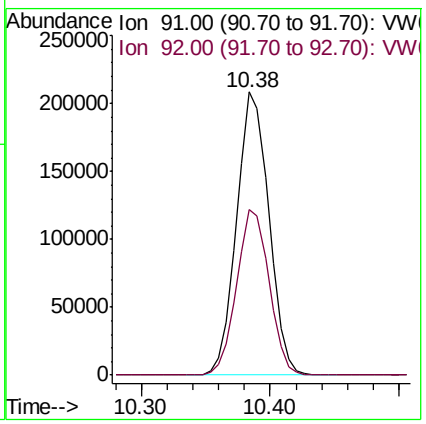
#44
Toluene
Concen: 31.218 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

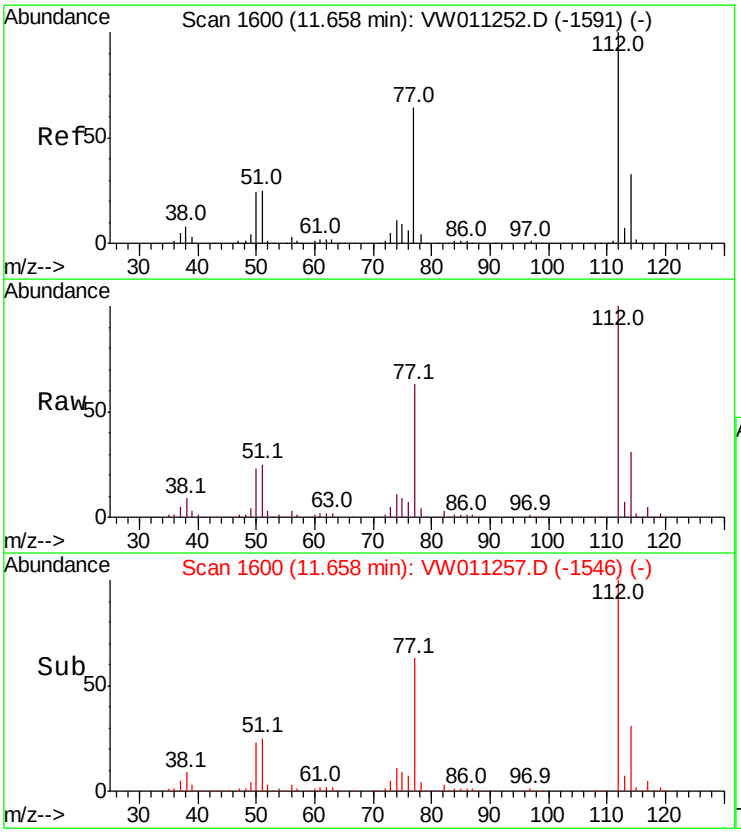
Tgt Ion: 91 Resp: 361202

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.8	75.8

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

Manual Integrations APPROVED
MMDadoda
7/18/2019 7:53:33 AM





#52
Chlorobenzene
Concen: 26.999 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion:112 Resp: 190851

Ion	Ratio	Lower	Upper
112	100		
77	62.7	51.2	76.8
114	31.5	22.0	40.8