Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092519\

Quantitation Report (Not Reviewed)

Data File : VV012978.D
Acq On : 25 Sep 2019 15:53
Operator : SY/MD
Sample : K4958-16RE
Misc : 3.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNZ9RE

Quant Time: Sep 26 01:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	759566	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	576401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146402	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	206893	17.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.20%			
7) Chloroethane-d5	1.58	69	196311	20.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.40%			
10) 1,1-Dichloroethene-d2	2.13	63	274689	14.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.08%			
20) 2-Butanone-d5	3.95	46	96662	23.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.50%			
24) Chloroform-d	4.40	84	387727	18.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.32%			
26) 1,2-Dichloroethane-d4	5.08	65	239605	19.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.00%			
29) Benzene-d6	5.10	84	836063	25.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.92%			
33) 1,2-Dichloropropane-d6	6.12	67	269694	26.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.96%			
37) Toluene-d8	7.36	98	617836	21.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.60%			
38) trans-1,3-Dichloropropene-	7.66	79	54602	12.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 51.12%			
39) 2-Hexanone-d5	8.14	63	60534	29.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.64%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	159345	16.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 66.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	100423	17.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.60%#			
Target Compounds						Qvalue
13) Acetone	2.21	43	99688	23.049	ug/L	99
16) Methylene chloride	2.54	84	18345	1.616	ug/L	95
49) 2-Hexanone	8.17	43	21746	4.208	ug/L #	37

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

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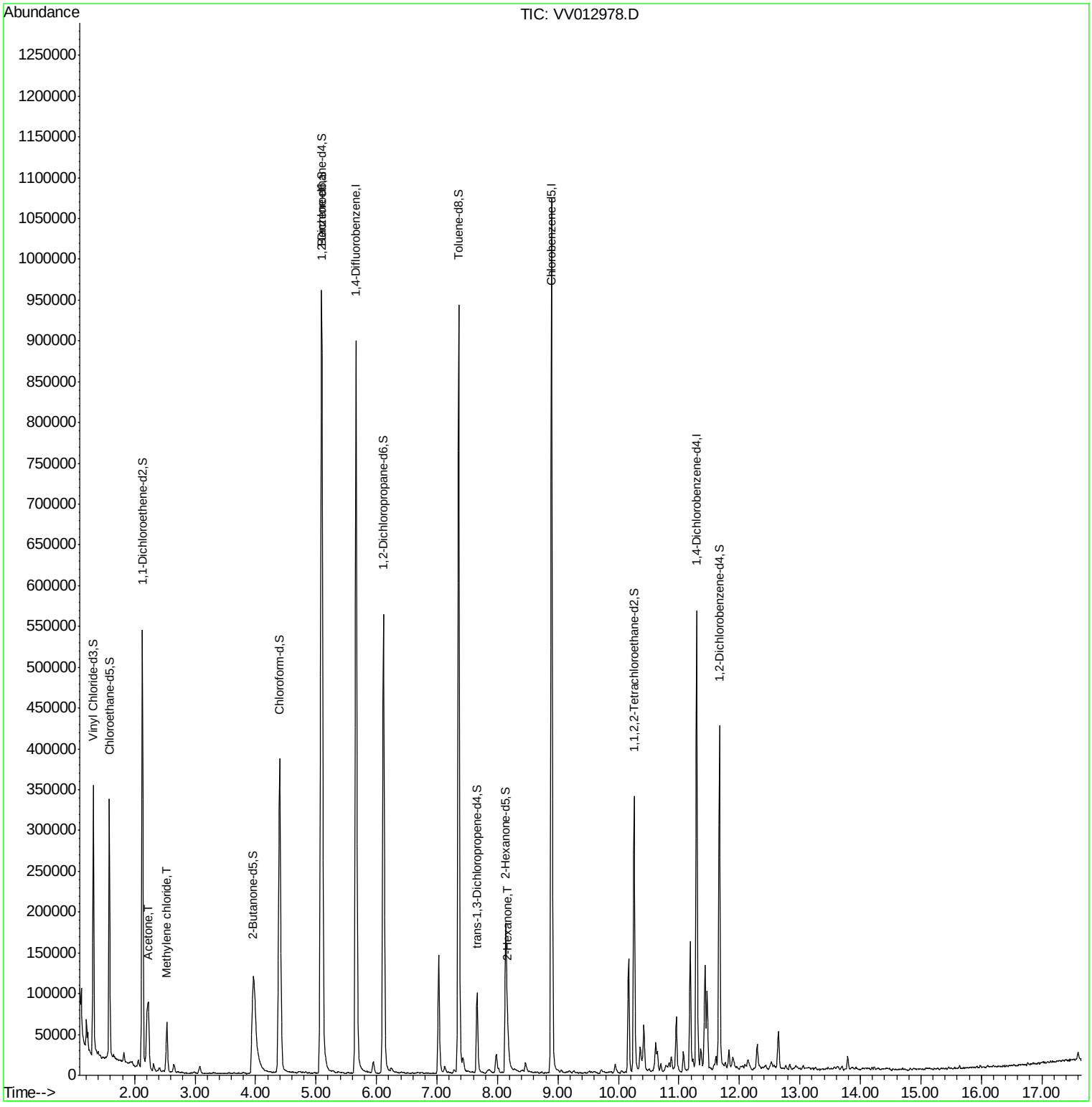
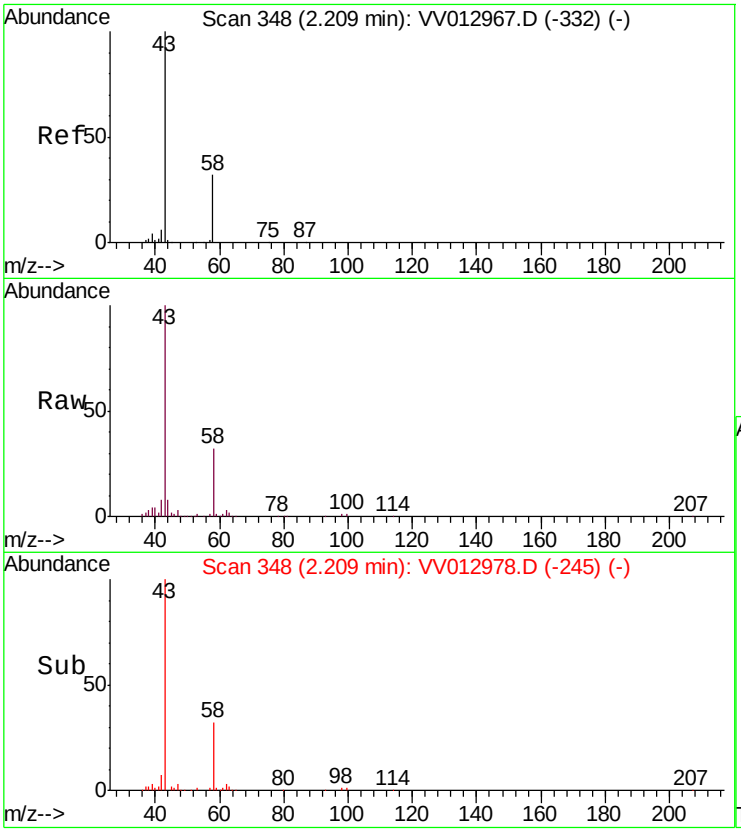
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration



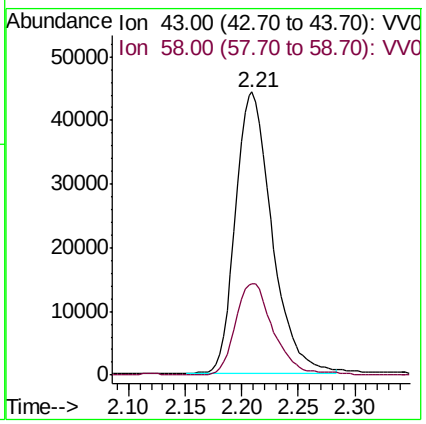


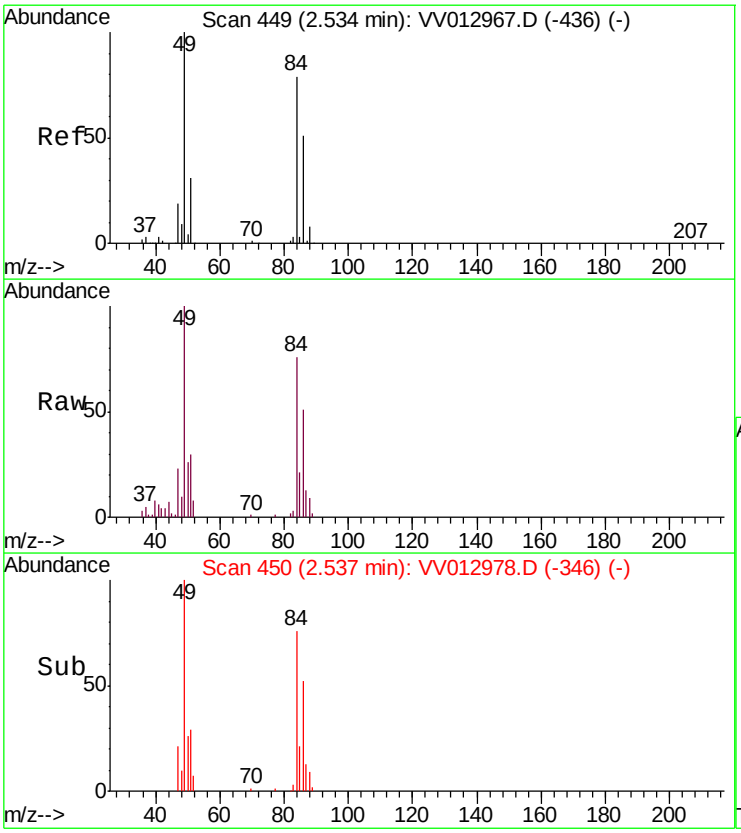
#13
Acetone
Concen: 23.049 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV012978.D
Acq: 25 Sep 2019 15:53

Instrument :
MSVOA_V
ClientSampleId :
ESNZ9RE

Tgt Ion: 43 Resp: 99688

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	65.0

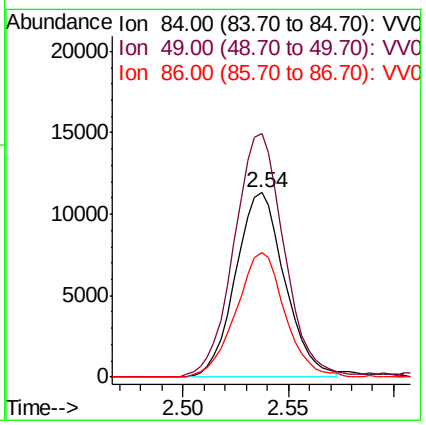


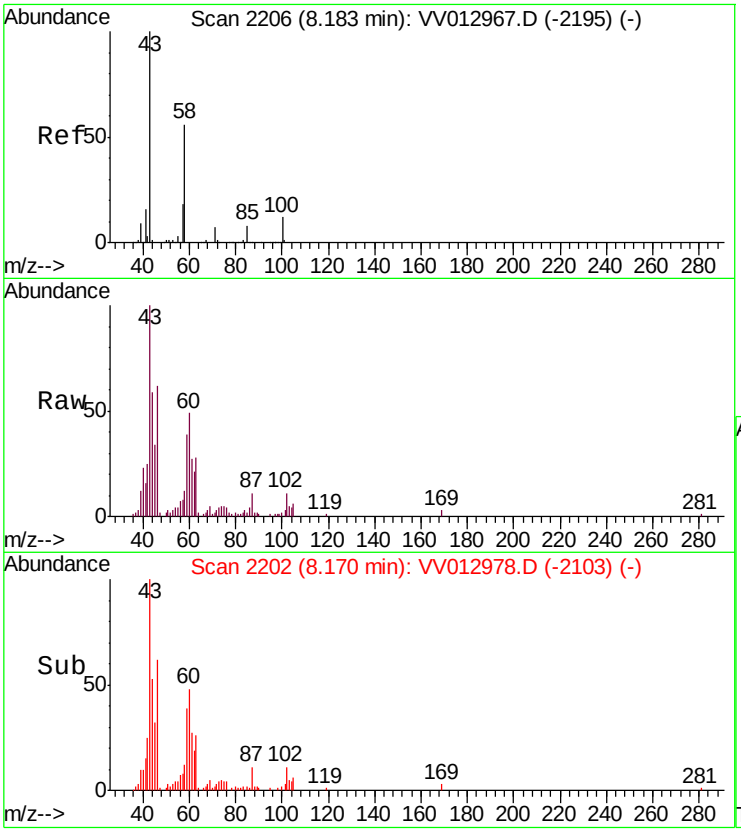


#16
Methylene chloride
Concen: 1.616 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012978.D
Acq: 25 Sep 2019 15:53

Tgt Ion: 84 Resp: 18345

Ion	Ratio	Lower	Upper
84	100		
49	132.0	88.3	164.1
86	67.8	44.9	83.3





#49
2-Hexanone
Concen: 4.208 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV012978.D
Acq: 25 Sep 2019 15:53

Instrument :
MSVOA_V
ClientSampleId :
ESNZ9RE

Tgt Ion: 43 Resp: 21746

Ion	Ratio	Lower	Upper
43	100		
58	0.5	46.5	69.7#
57	0.0	15.5	23.3#
100	1.3	9.7	14.5#