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

Quantitation Report (Not Reviewed)

Data File : VV012974.D
Acq On : 25 Sep 2019 14:03
Operator : SY/MD
Sample : K4958-09RE
Misc : 3.91G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNZ1RE

Quant Time: Sep 26 01:14:14 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	621878	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	536849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	184895	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	177419	18.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.56%			
7) Chloroethane-d5	1.58	69	166654	21.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.44%			
10) 1,1-Dichloroethene-d2	2.13	63	223855	13.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.80%			
20) 2-Butanone-d5	3.93	46	112942	33.90	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.80%			
24) Chloroform-d	4.40	84	341382	19.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.92%			
26) 1,2-Dichloroethane-d4	5.08	65	216931	21.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.40%			
29) Benzene-d6	5.10	84	662372	22.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.40%			
33) 1,2-Dichloropropane-d6	6.11	67	224850	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.72%			
37) Toluene-d8	7.36	98	491559	18.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.28%			
38) trans-1,3-Dichloropropene-	7.66	79	68134	17.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.52%			
39) 2-Hexanone-d5	8.13	63	72742	38.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.96%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	184135	20.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	127065	17.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.76%#			
Target Compounds						Qvalue
13) Acetone	2.18	43	66167	18.686	ug/L	98
16) Methylene chloride	2.54	84	19997	2.151	ug/L	93
21) 2-Butanone	4.01	43	24492	5.943	ug/L #	67
49) 2-Hexanone	8.16	43	16196	3.365	ug/L #	36

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

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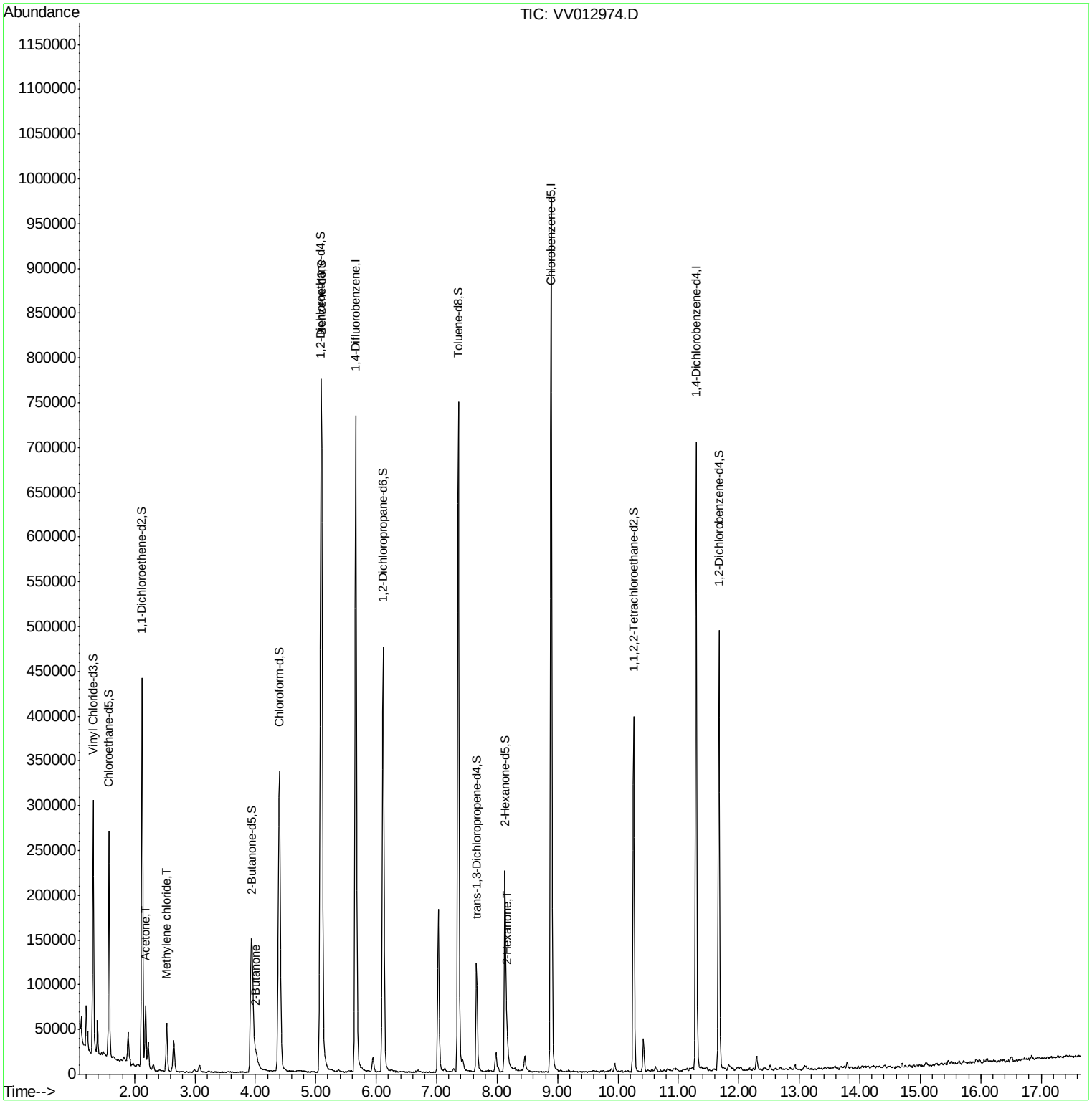
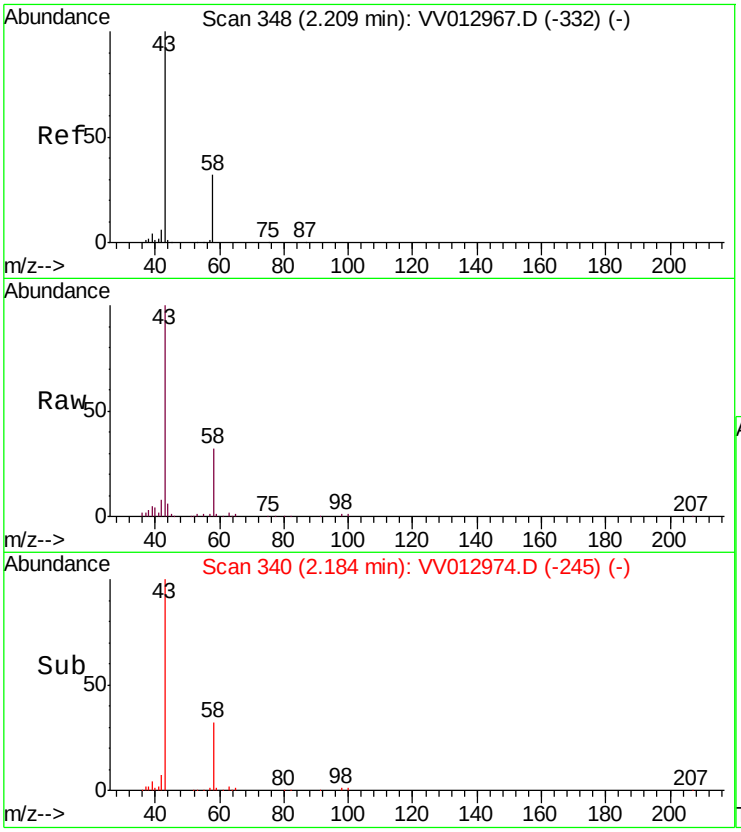
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNZ1RE

Quant Time: Sep 26 01:14:14 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



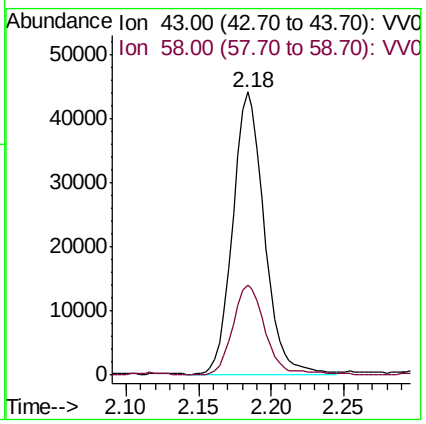


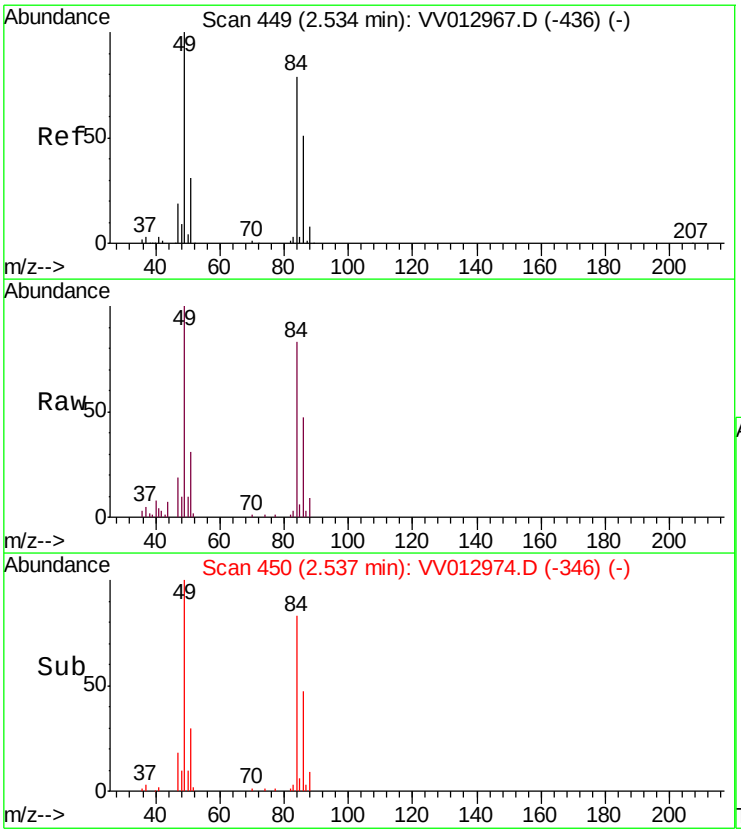
#13
Acetone
Concen: 18.686 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.03 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
ESNZ1RE

Tgt Ion: 43 Resp: 66167

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	65.0

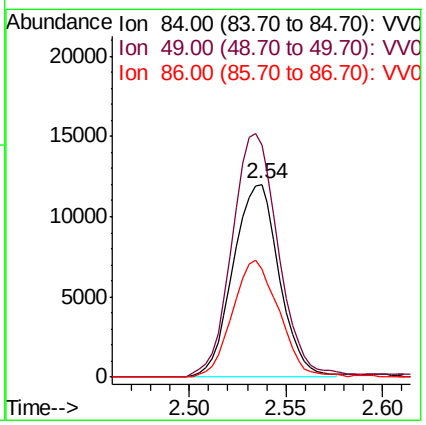


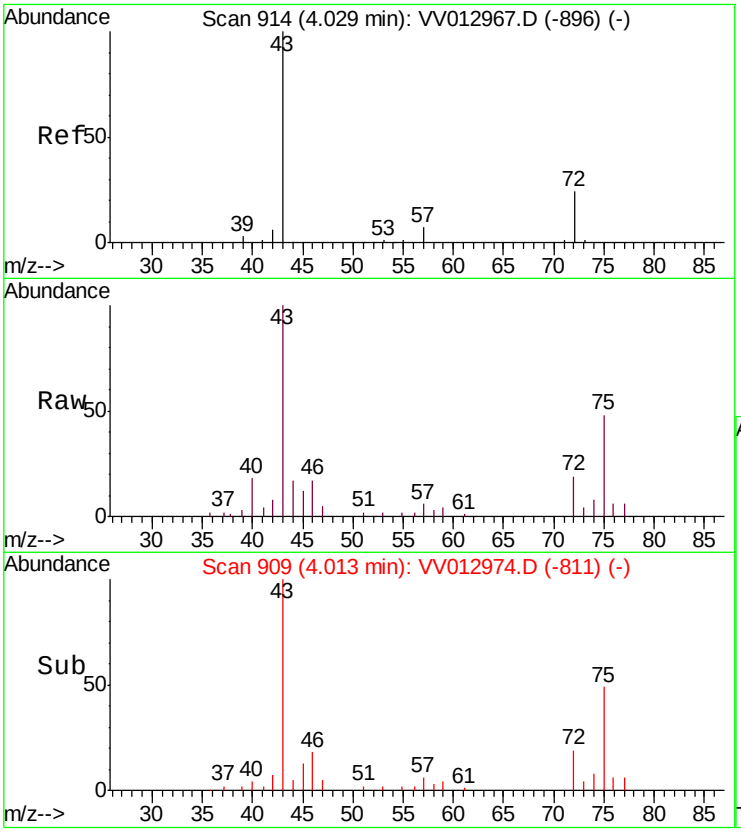


#16
Methylene chloride
Concen: 2.151 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Tgt Ion: 84 Resp: 19997

Ion	Ratio	Lower	Upper
84	100		
49	120.3	88.3	164.1
86	56.3	44.9	83.3



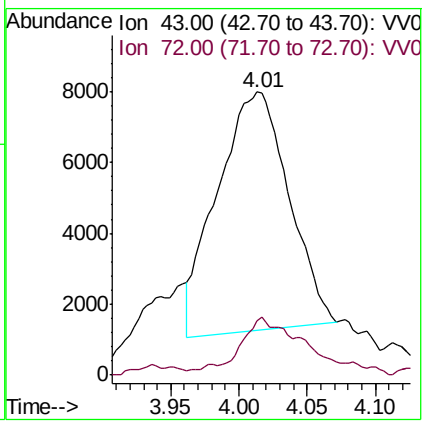


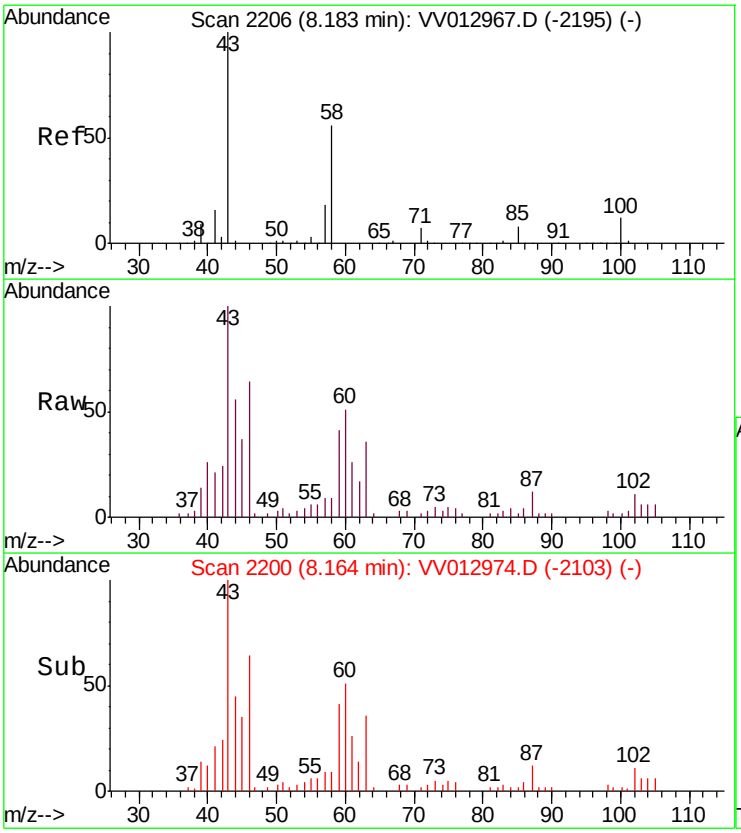
#21
2-Butanone
Concen: 5.943 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.02 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
ESNZ1RE

Tgt Ion: 43 Resp: 24492

Ion	Ratio	Lower	Upper
43	100		
72	7.7	11.9	35.9#





#49
2-Hexanone
Concen: 3.365 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Tgt Ion: 43 Resp: 16196

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.5	69.7#
57	0.0	15.5	23.3#
100	0.4	9.7	14.5#