Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\

Quantitation Report (Not Reviewed)

Data File : VV011192.D
Acq On : 31 May 2019 23:24
Operator : SY/MD
Sample : K3017-22
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Time: Jun 01 00:32:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330962	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	295774	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110704	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	86814	19.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.56%			
7) Chloroethane-d5	1.57	69	75526	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.76%			
10) 1,1-Dichloroethene-d2	1.85	63	74	0.01	ug/L	-0.27
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.04%#			
20) 2-Butanone-d5	3.94	46	79429	48.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.06%			
24) Chloroform-d	4.40	84	189867	23.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.88%			
26) 1,2-Dichloroethane-d4	5.08	65	123193	23.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.48%			
29) Benzene-d6	5.09	84	377316	23.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.96%			
33) 1,2-Dichloropropane-d6	6.12	67	127443	24.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.04%			
37) Toluene-d8	7.36	98	342434	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.40%			
38) trans-1,3-Dichloropropene-	7.66	79	49894	21.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.68%			
39) 2-Hexanone-d5	8.13	63	63576	54.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107574	23.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	91494	22.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.36%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	1983	0.706	ug/L	83
13) Acetone	2.19	43	147838	77.646	ug/L	100
15) Methyl Acetate	2.46	43	63112	22.029	ug/L	99
21) 2-Butanone	4.03	43	9398	4.207	ug/L	80

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

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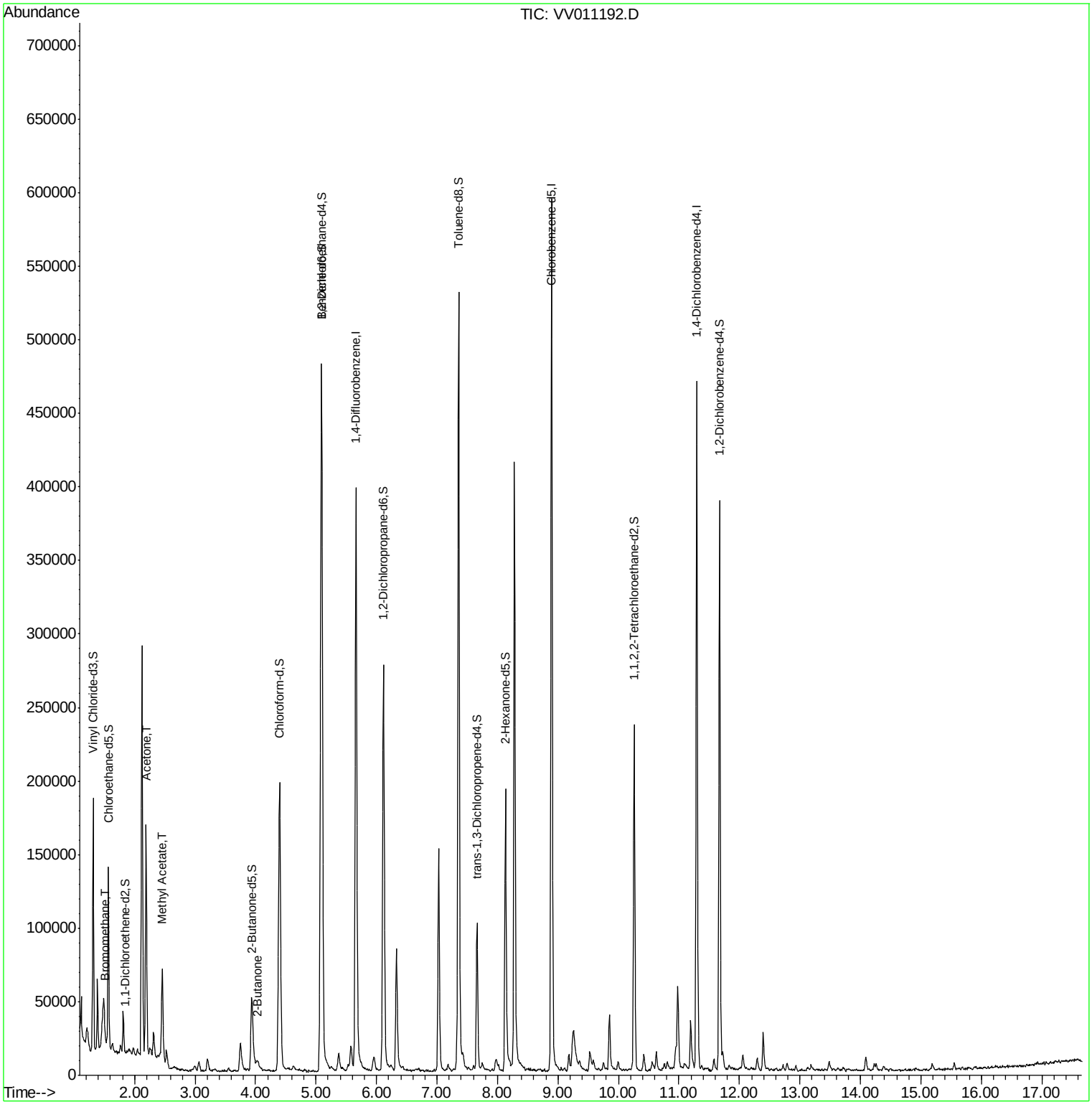
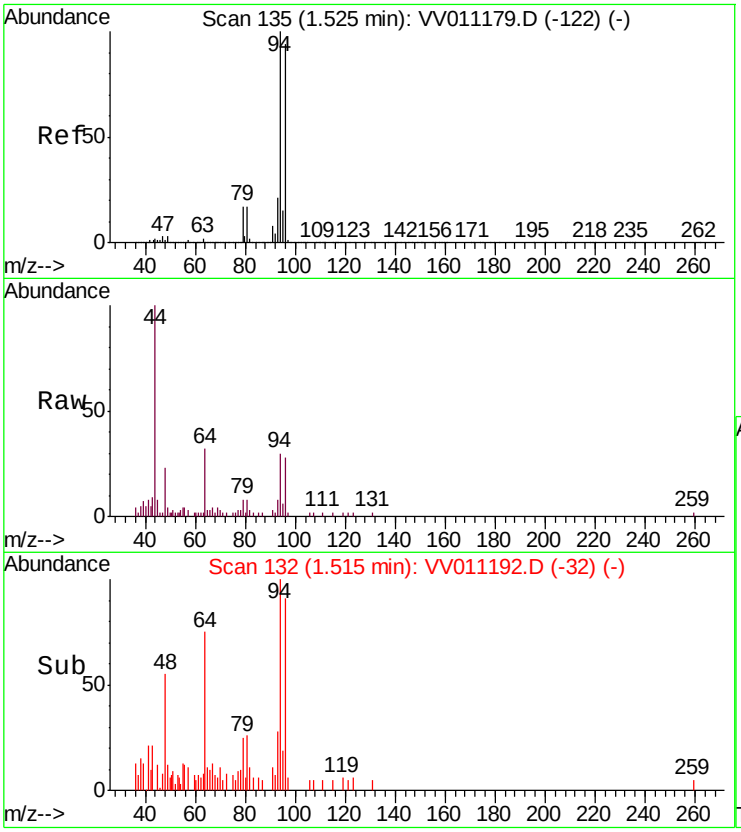
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration



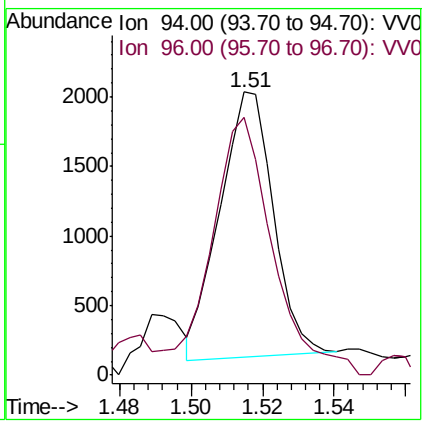


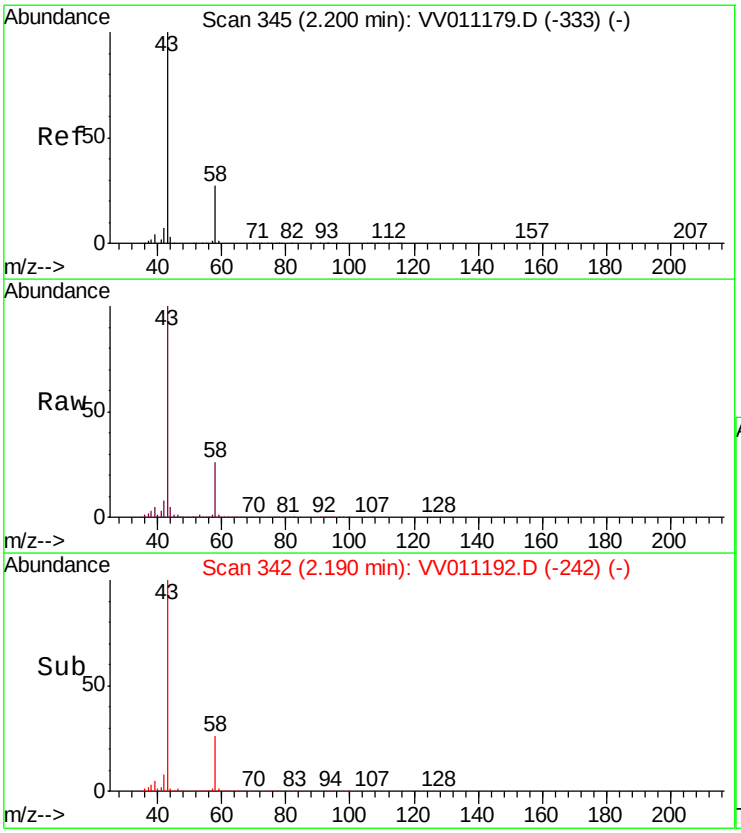
#6
Bromomethane
Concen: 0.706 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.01 min
Lab File: VV011192.D
Acq: 31 May 2019 23:24

Instrument :
MSVOA_V
ClientSampleId :
A51F5

Tgt Ion: 94 Resp: 1983

Ion	Ratio	Lower	Upper
94	100		
96	111.2	9.4	179.5

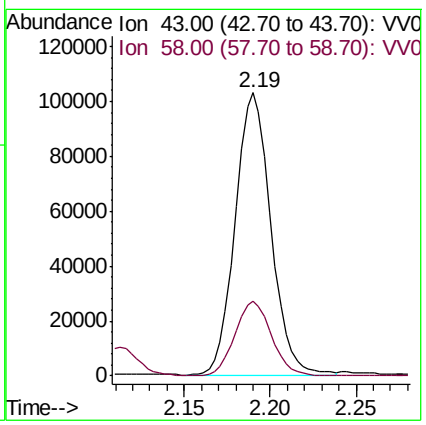


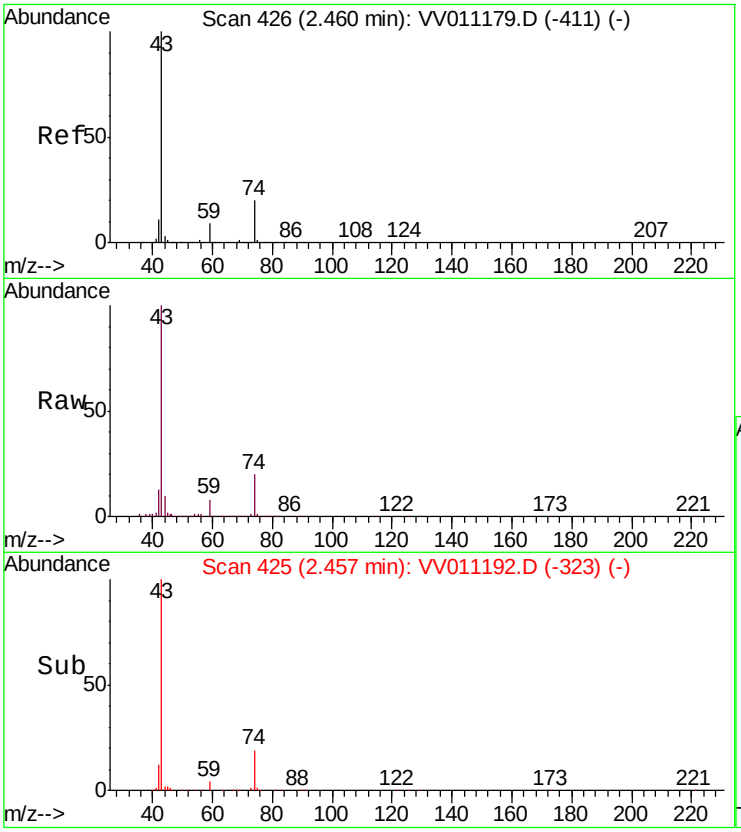


#13
Acetone
Concen: 77.646 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV011192.D
Acq: 31 May 2019 23:24

Tgt Ion: 43 Resp: 147838

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	53.8



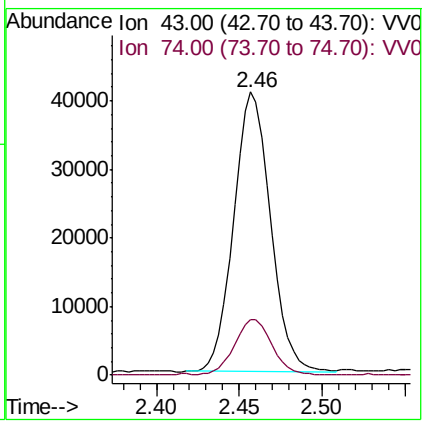


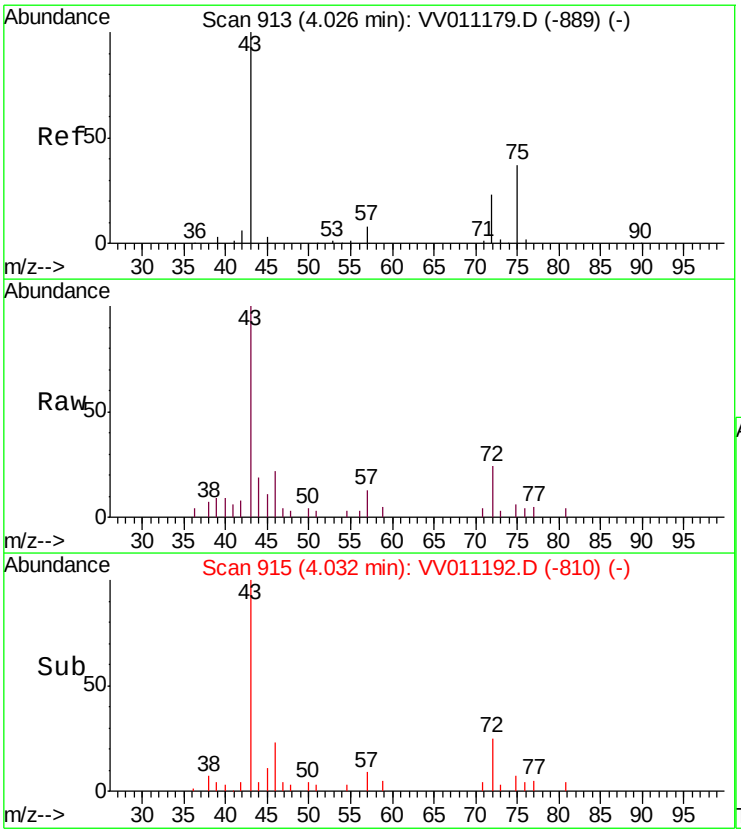
#15
Methyl Acetate
Concen: 22.029 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011192.D
Acq: 31 May 2019 23:24

Instrument :
MSVOA_V
ClientSampleId :
A51F5

Tgt Ion: 43 Resp: 63112

Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.2	24.4





#21
2-Butanone
Concen: 4.207 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011192.D
Acq: 31 May 2019 23:24

Tgt Ion: 43 Resp: 9398

Ion	Ratio	Lower	Upper
43	100		
72	12.5	11.1	33.3