Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010916.D
Acq On : 16 May 2019 01:30
Operator : SY/MD
Sample : K2788-18
Misc : 6.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A9

Quant Time: May 16 08:14:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156464	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63197	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	32905	16.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.04%			
7) Chloroethane-d5	1.56	69	27711	21.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.32%			
10) 1,1-Dichloroethene-d2	2.12	63	50172	13.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.20%			
20) 2-Butanone-d5	3.93	46	30847	49.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.38%			
24) Chloroform-d	4.39	84	88918	19.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.72%			
26) 1,2-Dichloroethane-d4	5.07	65	51658	20.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.44%			
29) Benzene-d6	5.09	84	169839	20.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.52%			
33) 1,2-Dichloropropane-d6	6.11	67	57366	21.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.24%			
37) Toluene-d8	7.36	98	145072	17.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.56%			
38) trans-1,3-Dichloropropene-	7.66	79	21483	18.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.16%			
39) 2-Hexanone-d5	8.13	63	22367	43.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54043	21.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	53801	20.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.52%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	365	0.703	ug/L	92
13) Acetone	2.18	43	2911	4.557	ug/L	95
36) Methylcyclohexane	6.11	83	13157	4.106	ug/L #	19
59) 1,2,3-Trichloropropane	11.30	75	8182	4.387	ug/L	97

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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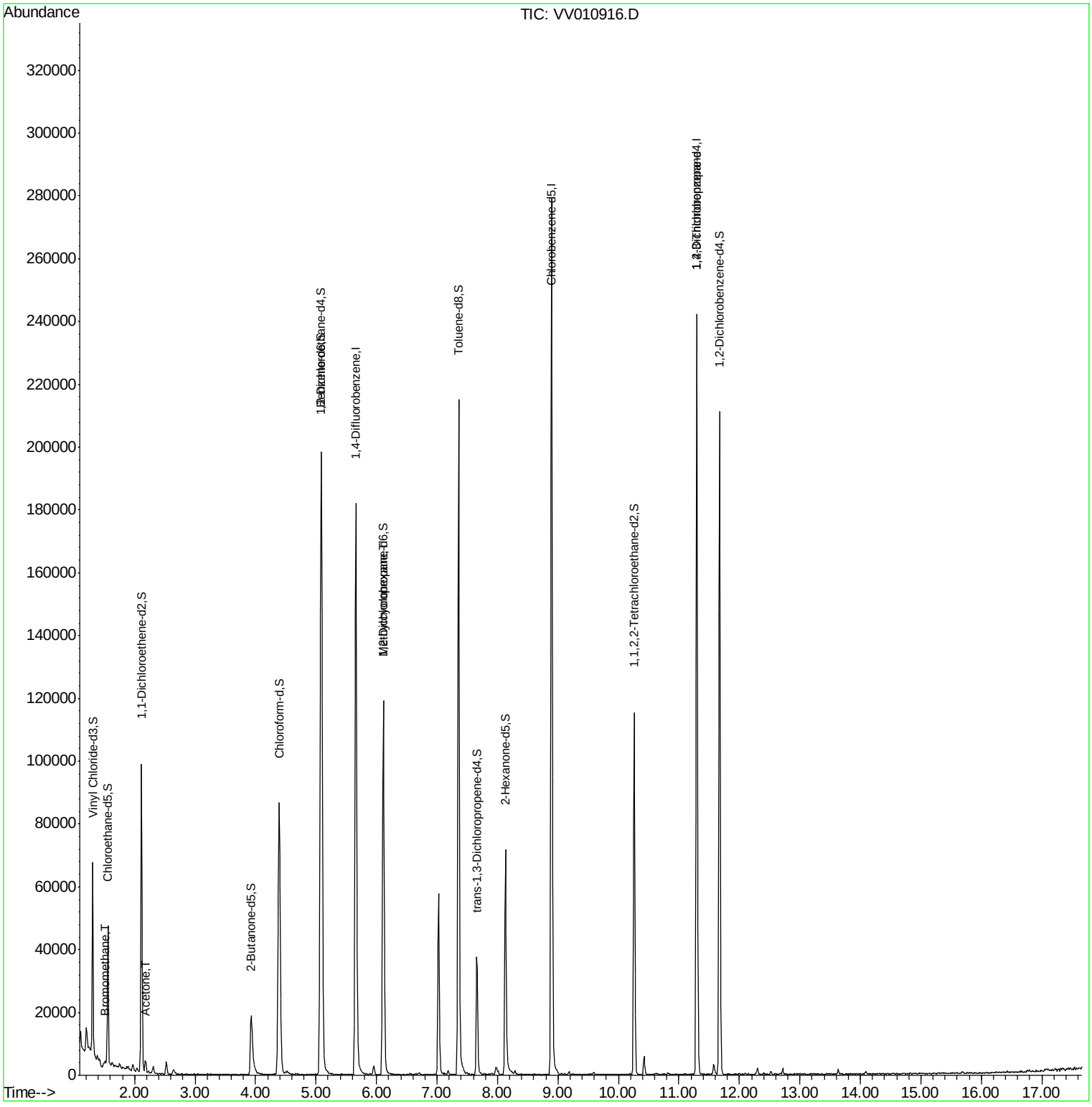
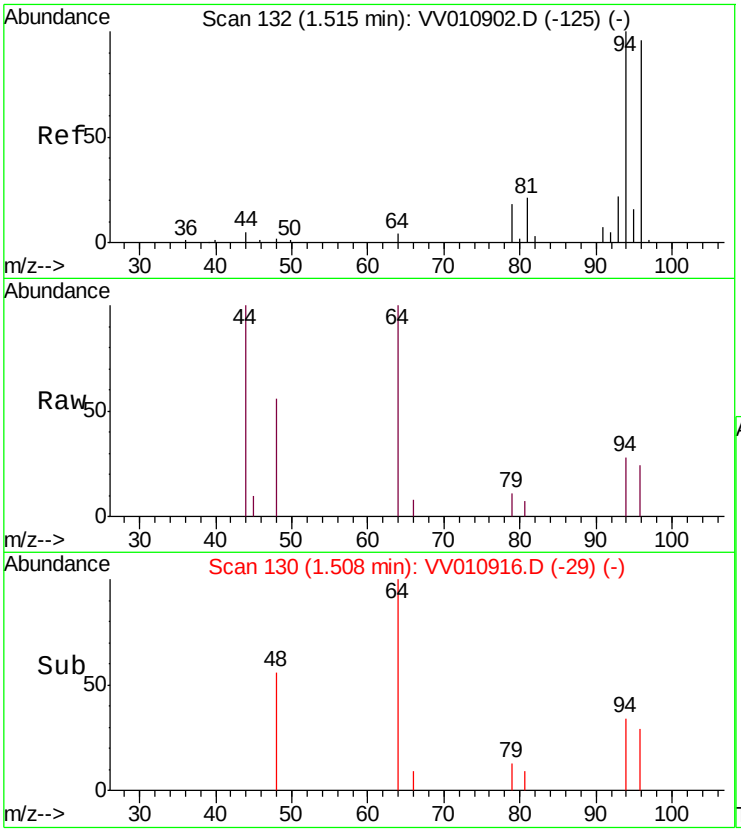
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration



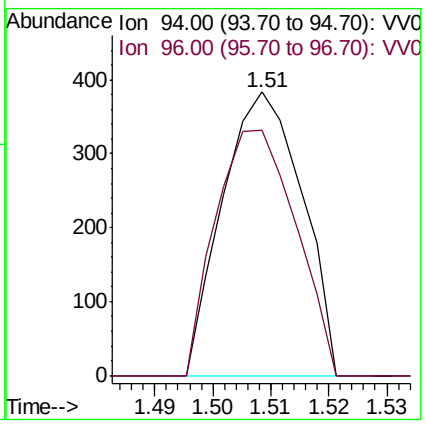


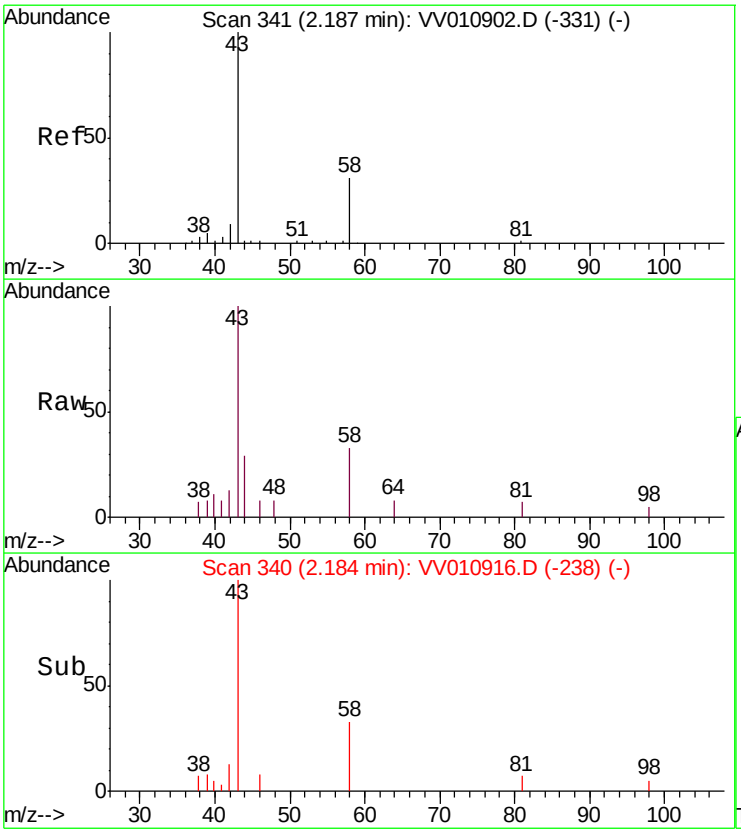
#6
Bromomethane
Concen: 0.703 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.01 min
Lab File: VV010916.D
Acq: 16 May 2019 01:30

Instrument :
MSVOA_V
ClientSampleId :
A51A9

Tgt Ion: 94 Resp: 365

Ion	Ratio	Lower	Upper
94	100		
96	87.4	9.6	181.6

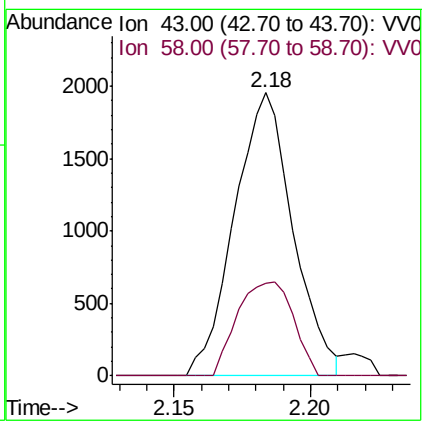


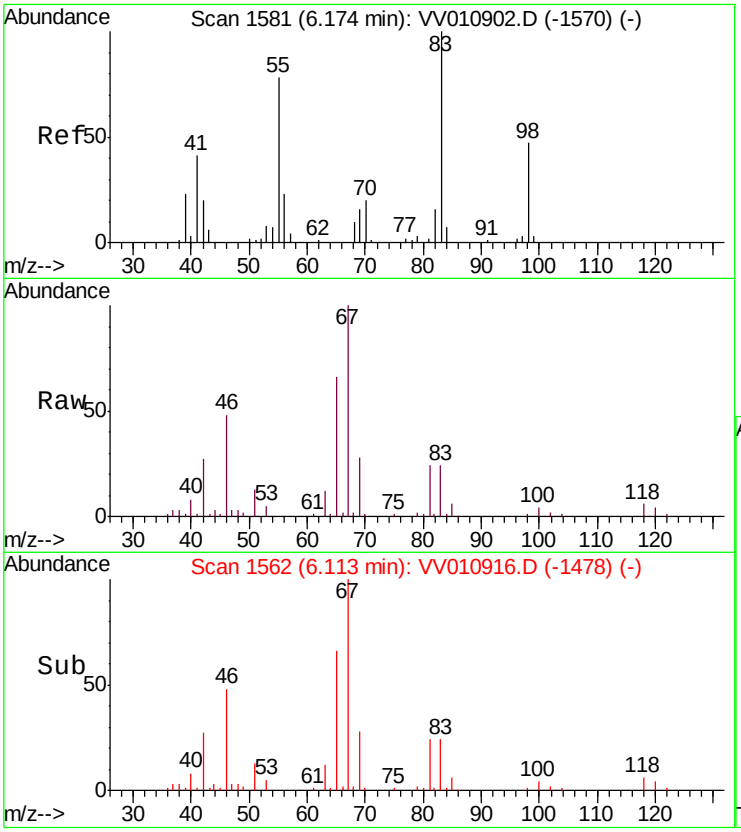


#13
Acetone
Concen: 4.557 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010916.D
Acq: 16 May 2019 01:30

Tgt Ion: 43 Resp: 2911

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	69.2



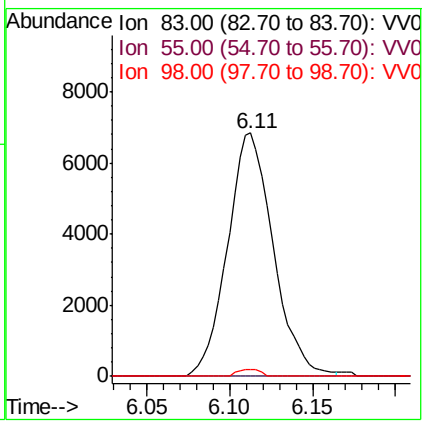


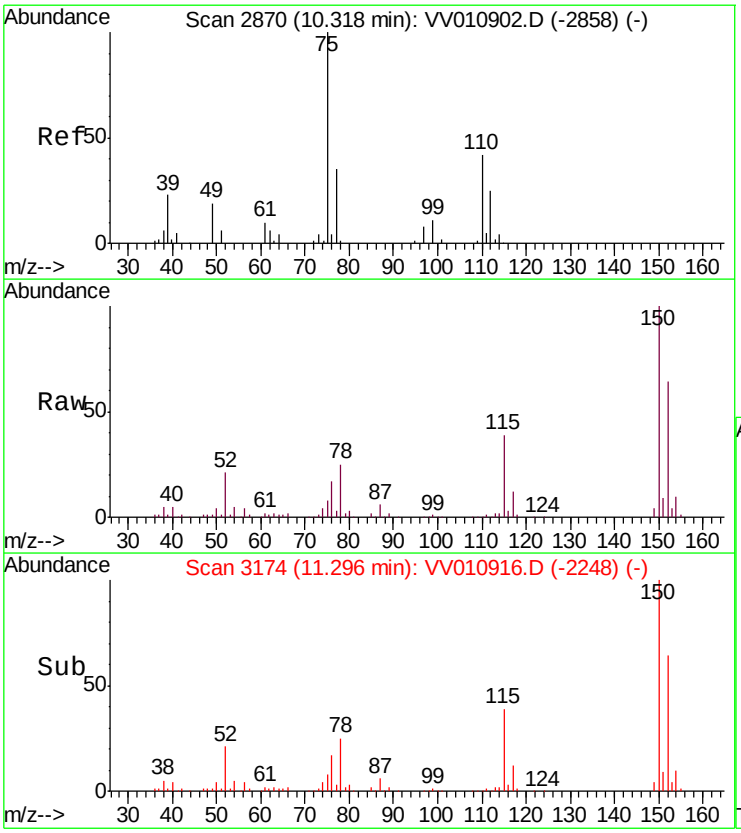
#36
Methylcyclohexane
Concen: 4.106 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010916.D
Acq: 16 May 2019 01:30

Instrument : MSVOA_V
ClientSampleId : A51A9

Tgt Ion: 83 Resp: 13157

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	1.4	37.2	55.8#





#59
1,2,3-Trichloropropane
Concen: 4.387 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010916.D
Acq: 16 May 2019 01:30

Tgt Ion: 75 Resp: 8182

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.4	39.6