Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (LSC Reviewed)

Data File : VV011037.D
Acq On : 23 May 2019 19:53
Operator : SY/MD
Sample : K3016-04
Misc : 4.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C3

Quant Time: May 24 08:55:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	79555	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	72304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16067	17.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.88%			
7) Chloroethane-d5	1.56	69	12246	19.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.76%			
10) 1,1-Dichloroethene-d2	2.12	63	23726	13.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.44%			
20) 2-Butanone-d5	3.94	46	26028	83.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 166.34%#			
24) Chloroform-d	4.40	84	47744	23.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.68%			
26) 1,2-Dichloroethane-d4	5.08	65	30923	25.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.84%			
29) Benzene-d6	5.09	84	93205	23.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.44%			
33) 1,2-Dichloropropane-d6	6.12	67	33888	27.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.08%			
37) Toluene-d8	7.36	98	74323	20.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.00%			
38) trans-1,3-Dichloropropene-	7.66	79	11552	22.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.72%			
39) 2-Hexanone-d5	8.13	63	21178	90.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 181.06%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34695	27.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	17782	21.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	12589	41.714	ug/L	93
15) Methyl Acetate	2.46	43	23845	41.123	ug/L	97

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

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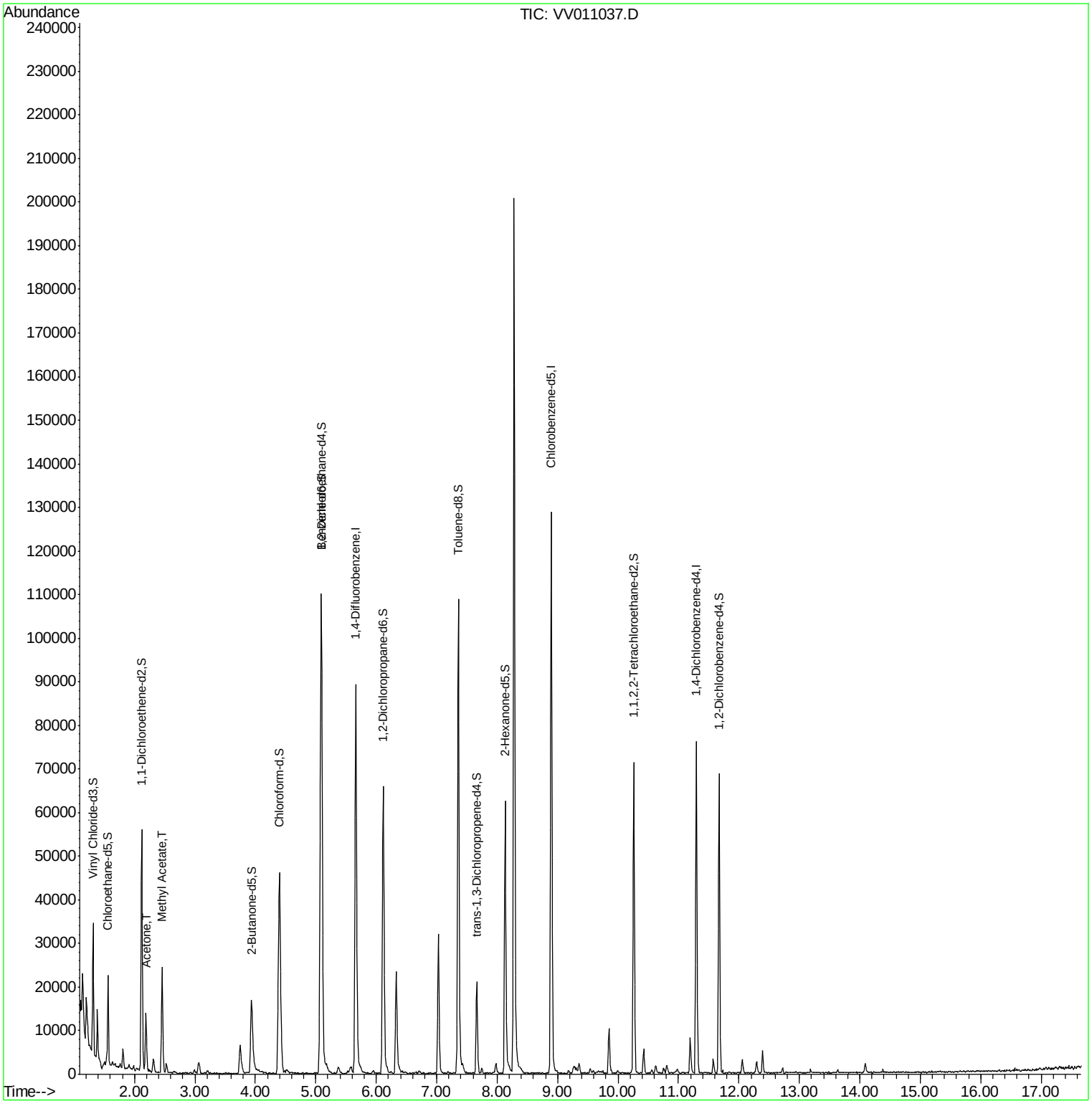
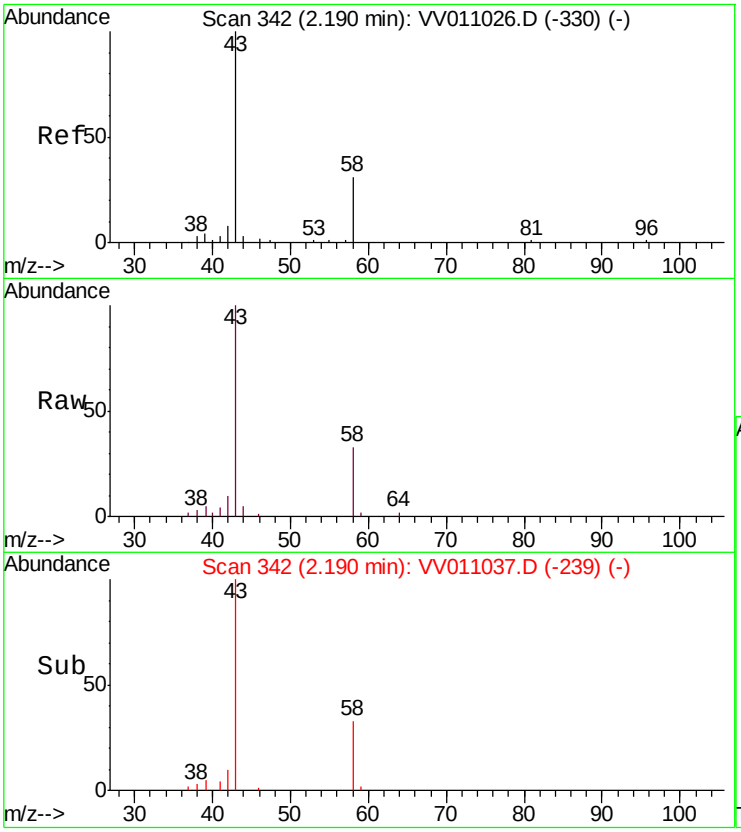
Instrument : MSVOA_V
ClientSampleId : A51C3

Quant Time: May 24 08:55:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



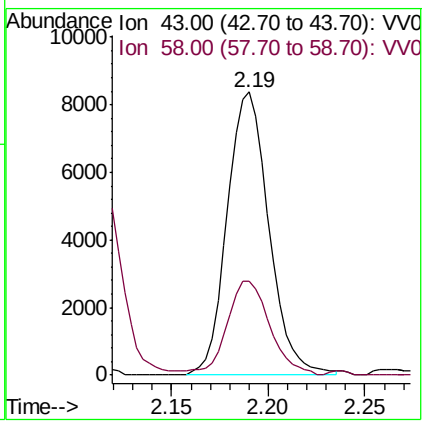


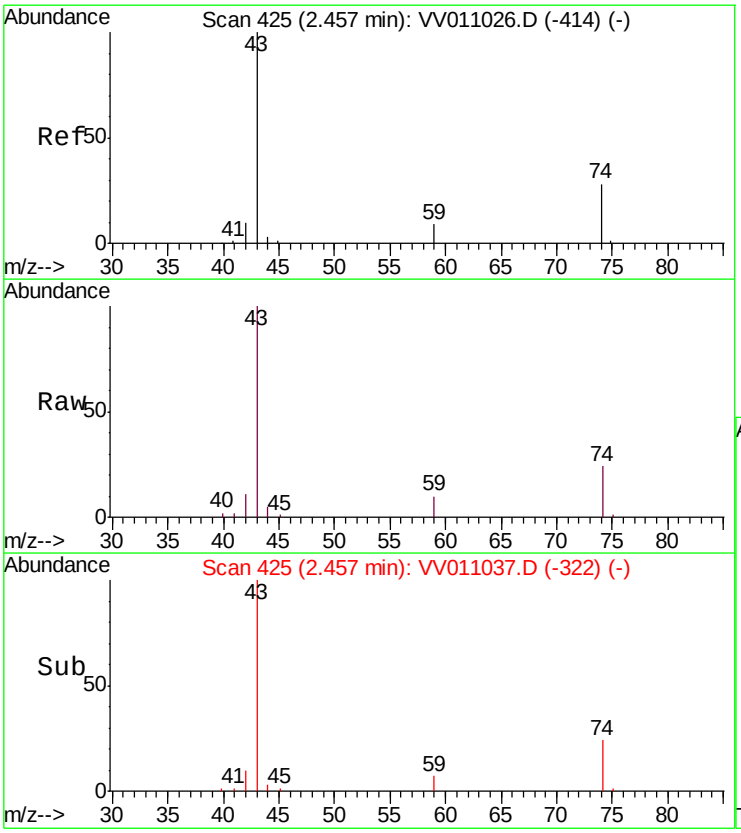
#13
Acetone
Concen: 41.714 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011037.D
Acq: 23 May 2019 19:53

Instrument :
MSVOA_V
ClientSampleId :
A51C3

Tgt Ion: 43 Resp: 12589

Ion	Ratio	Lower	Upper
43	100		
58	34.3	0.0	60.8





#15
Methyl Acetate
Concen: 41.123 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011037.D
Acq: 23 May 2019 19:53

Tgt Ion: 43 Resp: 23845

Ion	Ratio	Lower	Upper
43	100		
74	24.8	21.1	31.7