Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053119\

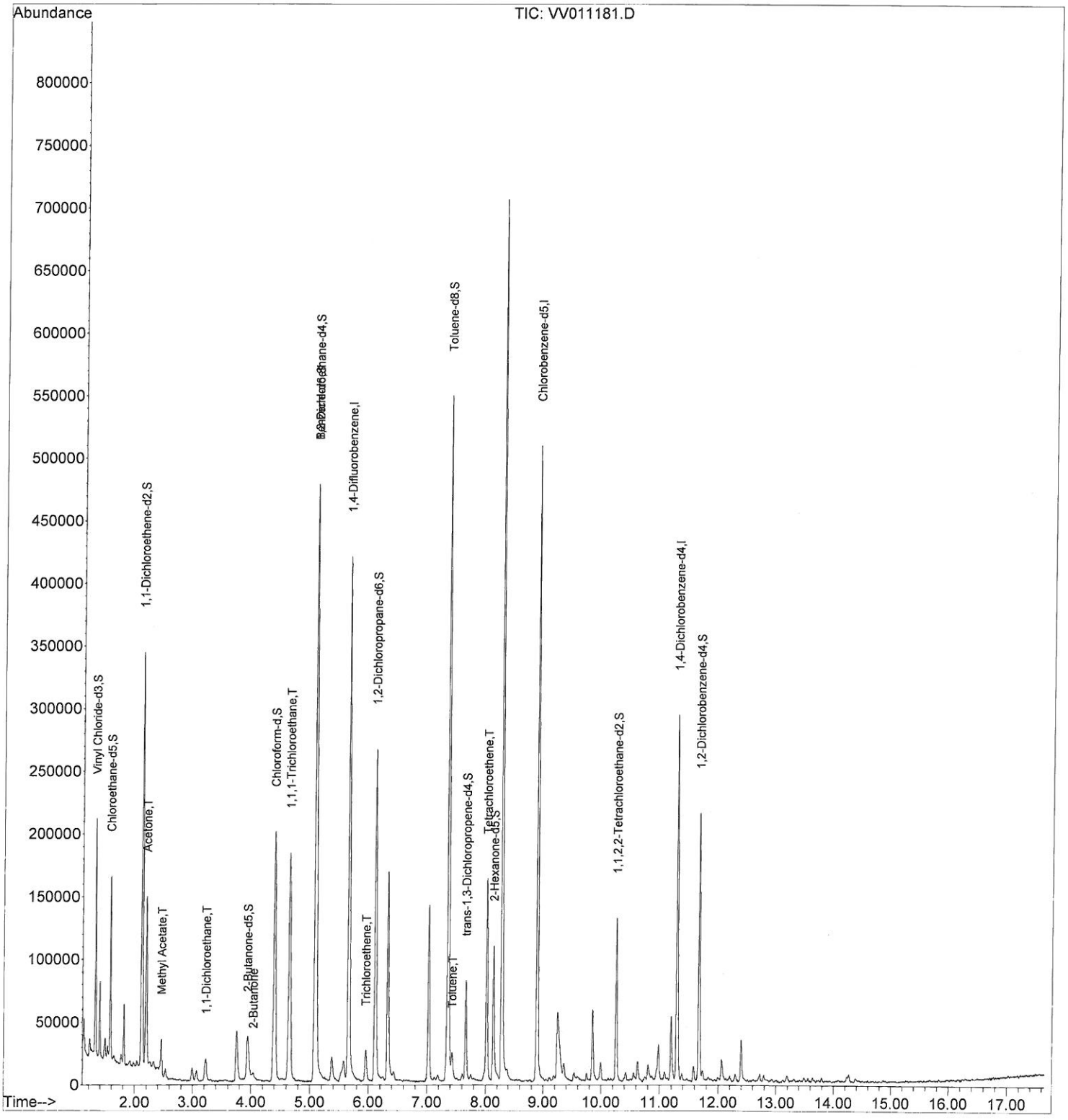
Quantitation Report (LSC Reviewed)

Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 02 21:11:43 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

Instrument :
MSVOA_V
ClientSampleId :
A51F3RE

Manual Integrations APPROVED
MMDadoda
6/3/2019 7:08:46 AM



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

Quantitation Report (Qedit)

Data File : VV011181.D
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Quant Time: Jun 01 00:30:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
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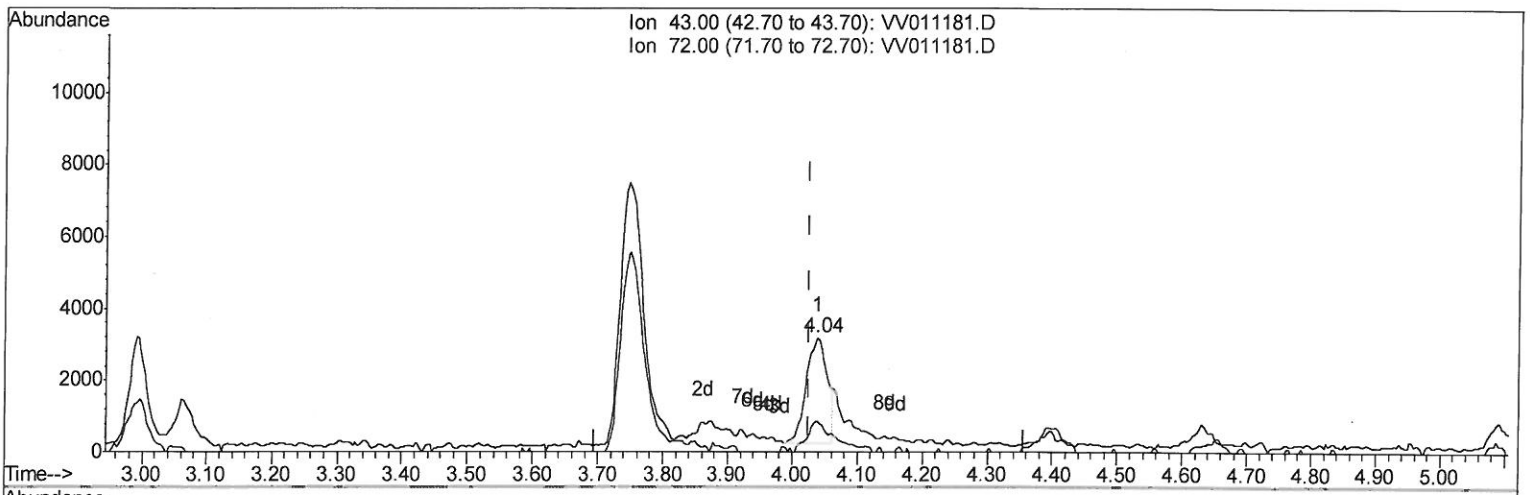
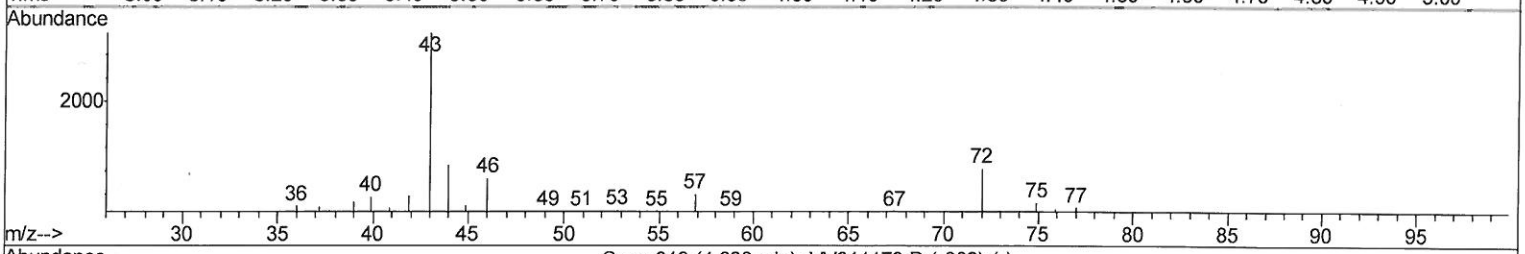
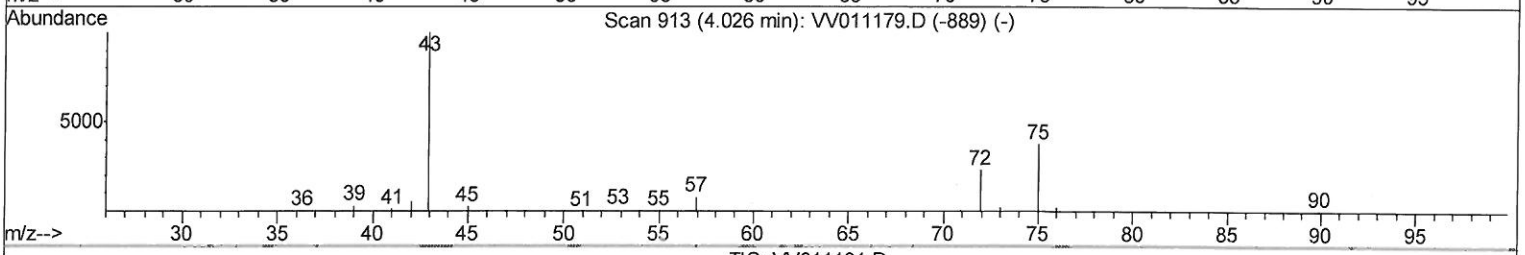
Manual Integrations APPROVED
MMDadoda
6/3/2019 7:08:46 AM







TIC: VV011181.D

(21) 2-Butanone

4.039min (+0.013) 2.89ug/L

response 6603

Ion	Exp%	Act%
43.00	100	100
72.00	22.20	24.84
0.00	0.00	0.00
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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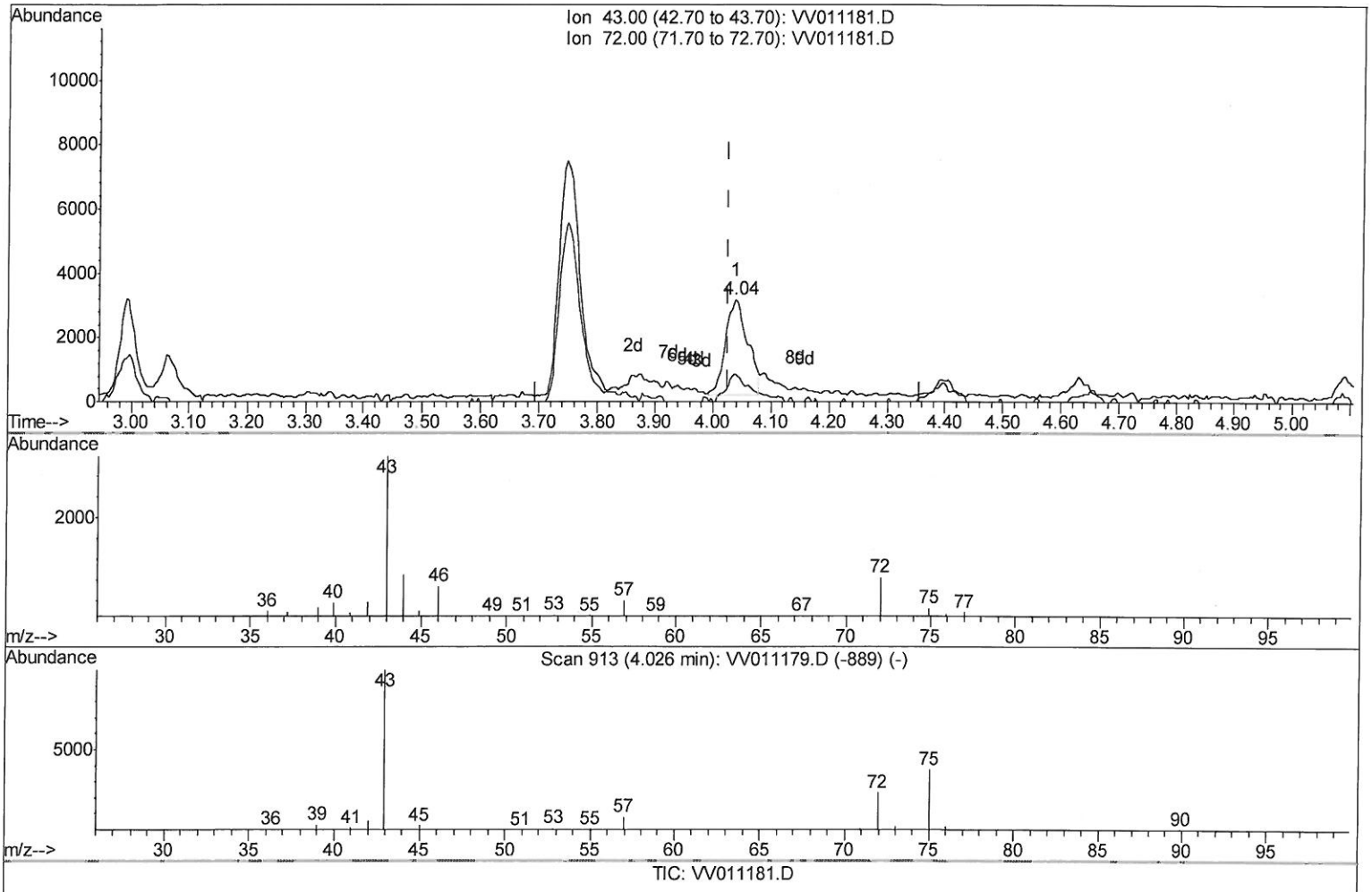
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51F3RE

Manual Integrations APPROVED
MMDadoda
6/3/2019 7:08:46 AM



TIC: VV011181.D

(21) 2-Butanone

4.039min (+0.013) 3.45ug/L m 06/03/19 SY

response 7891

Ion	Exp%	Act%
43.00	100	100
72.00	22.20	20.78
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053119\

Quantitation Report (LSC Reviewed)

Data File : VV011181.D
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Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : A51F3RE

Manual Integrations APPROVED
MMDadoda
6/3/2019 7:08:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339071	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	258348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67871	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	101110	22.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.16%			
7) Chloroethane-d5	1.58	69	84741	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.12%			
10) 1,1-Dichloroethene-d2	2.12	63	168529	17.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.60%			
20) 2-Butanone-d5	3.94	46	50638	30.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.40%			
24) Chloroform-d	4.40	84	193102	23.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.08	65	103714	19.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.80%			
29) Benzene-d6	5.09	84	401244	28.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.40%			
33) 1,2-Dichloropropane-d6	6.11	67	120982	26.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.64%			
37) Toluene-d8	7.36	98	348139	26.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.20%			
38) trans-1,3-Dichloropropene-	7.66	79	42644	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.84%			
39) 2-Hexanone-d5	8.13	63	36626	35.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59329	14.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 58.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	50399	19.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.36%			

Target Compounds						Qvalue
13) Acetone	2.19	43	130930	67.121	ug/L	100
15) Methyl Acetate	2.46	43	24623	8.389	ug/L	98
19) 1,1-Dichloroethane	3.23	63	15006	1.671	ug/L	100
21) 2-Butanone	4.04	43	7891m	3.448	ug/L	06/03/19 SG
31) 1,1,1-Trichloroethane	4.65	97	138990	23.492	ug/L	99
35) Trichloroethene	5.96	95	8243	2.053	ug/L	97
44) Toluene	7.43	91	12727	0.761	ug/L	95
47) Tetrachloroethene	8.02	164	33320	11.197	ug/L	95

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