

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (QT Reviewed)

Data File : VV009966.D

Acq On : 28 Mar 2019 15:28

Operator : SY/MD

Sample : K2101-13

Misc : 5.16G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:59:05 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Fri Mar 29 02:19:37 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

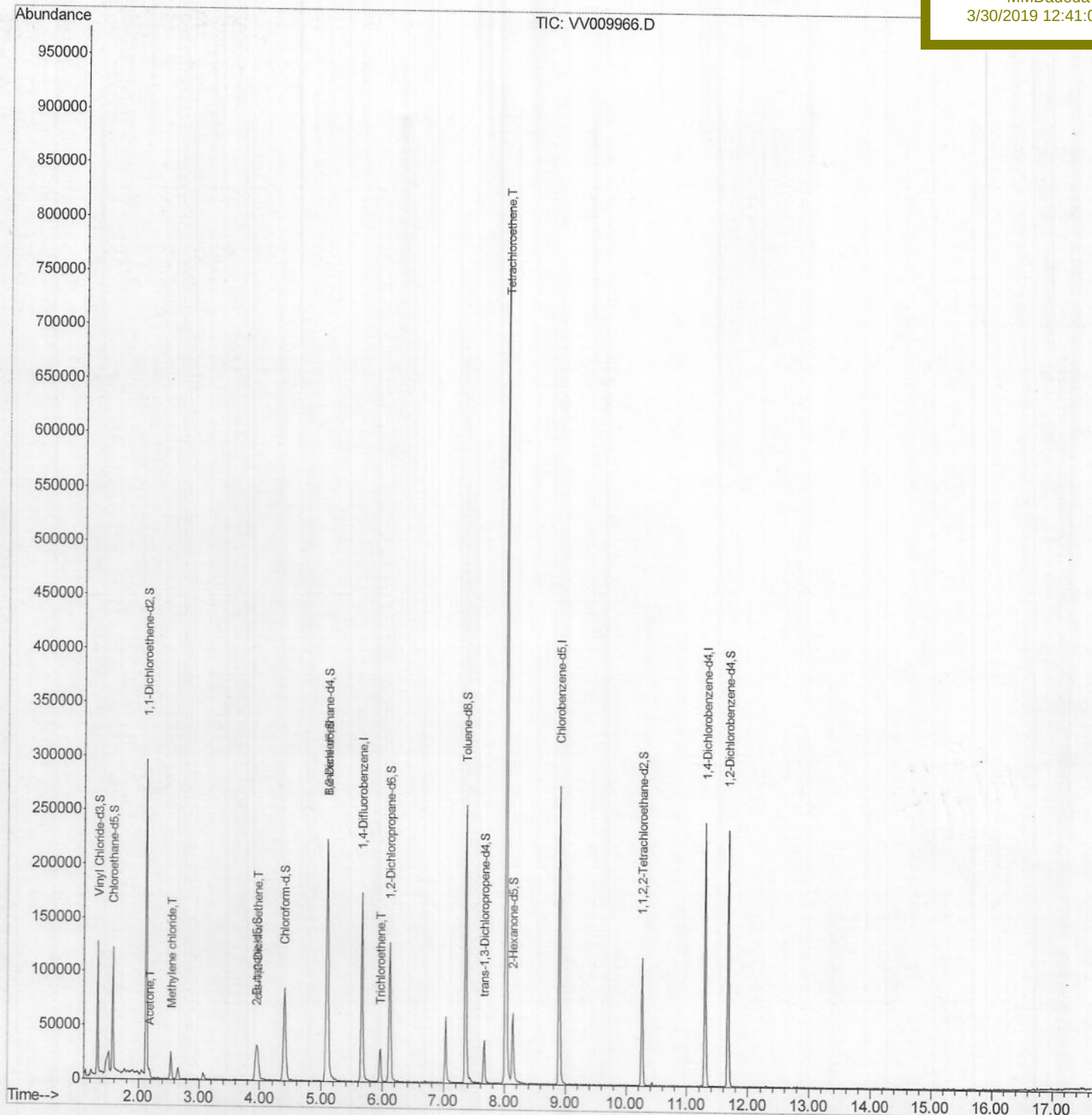
BF0C7

Manual Integrations

APPROVED

MMDadoda

3/30/2019 12:41:02 AM



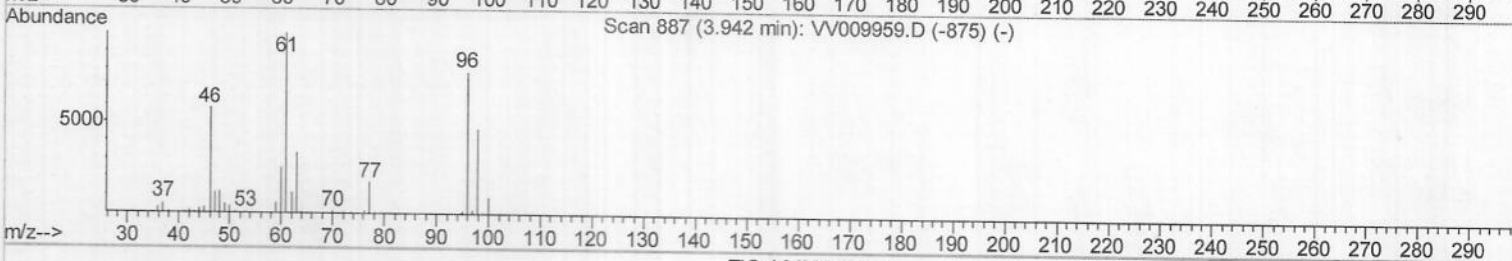
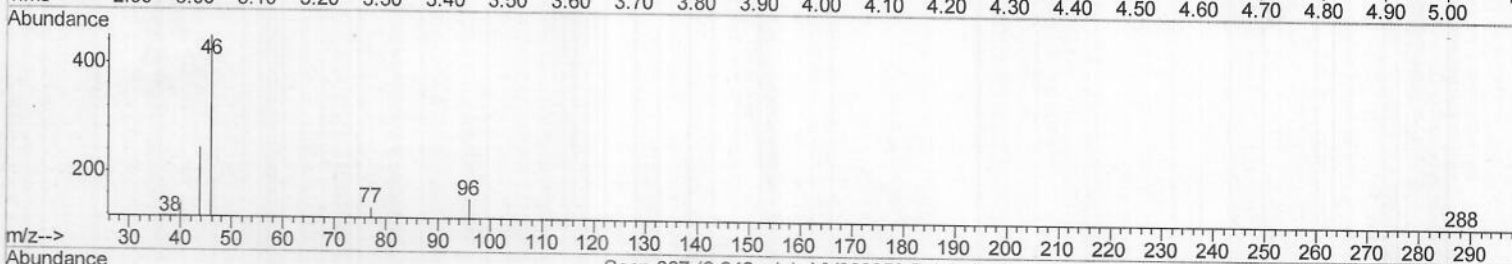
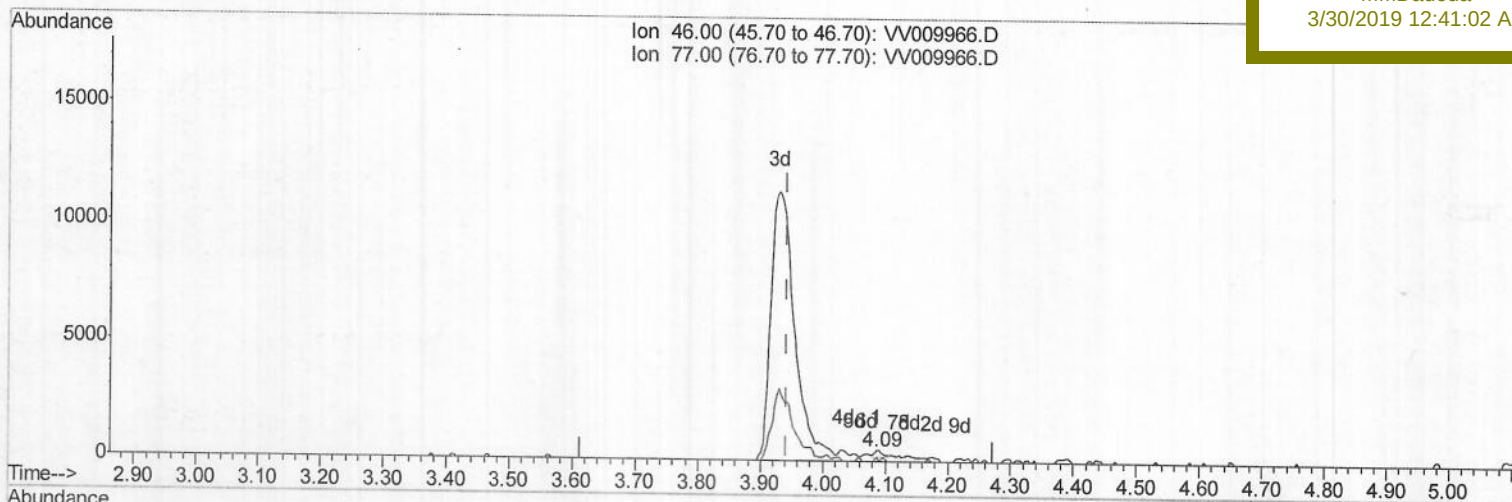
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TIC: VV009966.D

(20) 2-Butanone-d5 (S)

4.087min (+0.144) 0.43ug/L

response 231

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	21.21
0.00	0.00	0.00
0.00	0.00	0.00

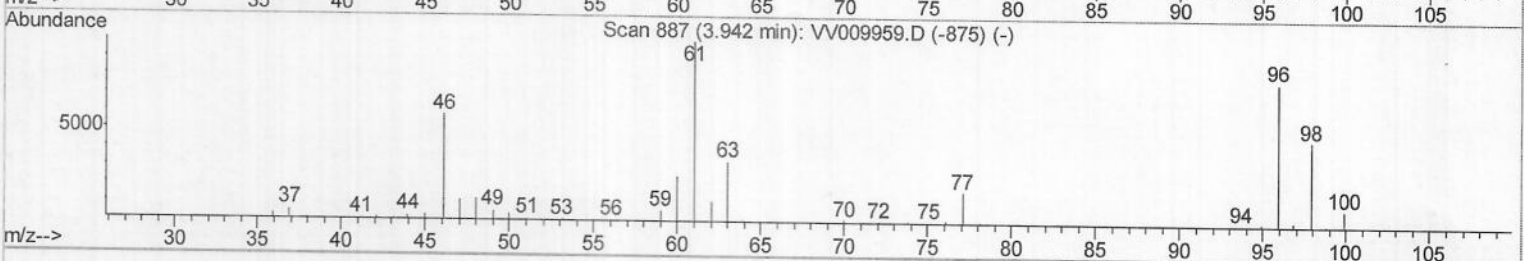
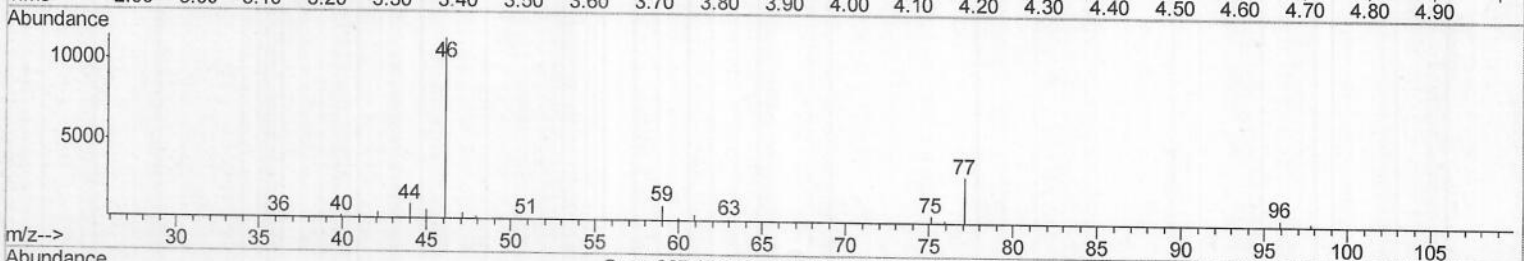
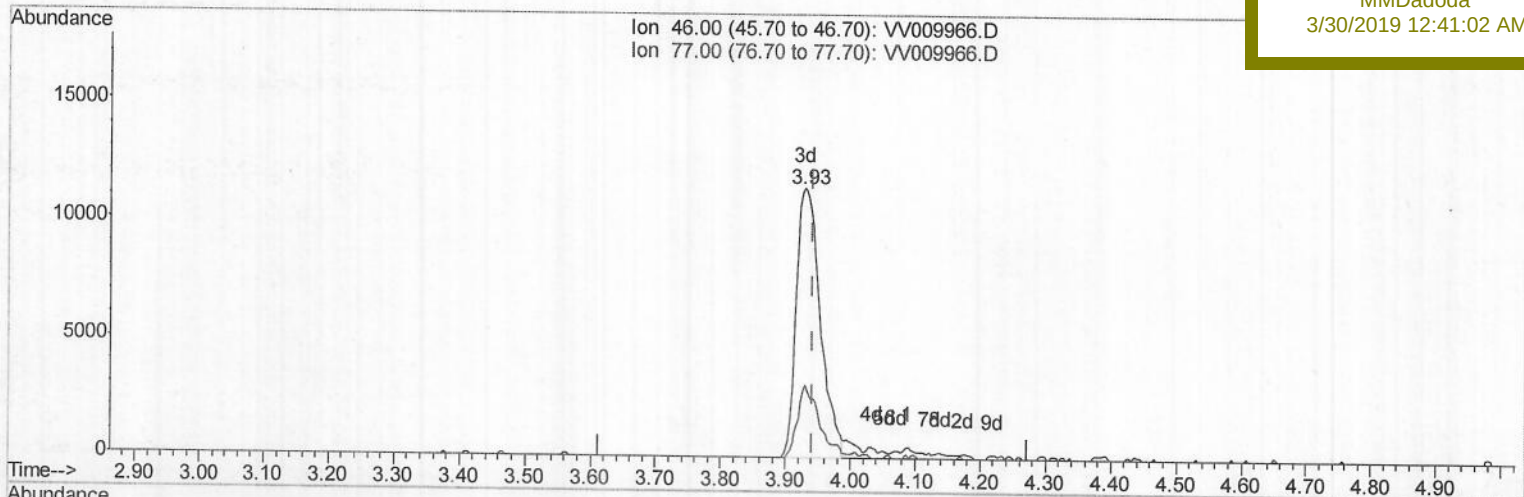
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Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
BF0C7

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:41:02 AM



TIC: VV009966.D

(20) 2-Butanone-d5 (S)

3.929min (-0.013) 54.47ug/L m

response 29438

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	0.17#
0.00	0.00	0.00
0.00	0.00	0.00

m.d
4/11/19

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Instrument :

MSVOA_V

Client Sample ID :

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Manual Integrations

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3/30/2019 12:41:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142923	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67950	23.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.72%		
7) Chloroethane-d5	1.57	69	75758	24.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.72%		
10) 1,1-Dichloroethene-d2	2.13	63	146582	18.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.92%		
20) 2-Butanone-d5	3.93	46	29438m	54.47	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.94%		
24) Chloroform-d	4.40	84	81028	22.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.00%		
26) 1,2-Dichloroethane-d4	5.08	65	58022	26.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.92%		
29) Benzene-d6	5.10	84	186943	24.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.20%		
33) 1,2-Dichloropropane-d6	6.12	67	56067	25.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.68%		
37) Toluene-d8	7.36	98	166395	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.36%		
38) trans-1,3-Dichloropropene-	7.67	79	19755	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.72%		
39) 2-Hexanone-d5	8.13	63	20267	48.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.48%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52097	23.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.48%		
61) 1,2-Dichlorobenzene-d4	11.67	152	57719	24.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.16%		

Target Compounds

					Qvalue
13) Acetone	2.19	43	2808	3.432	ug/L 78
16) Methylene chloride	2.53	84	9399	3.993	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	12866	6.222	ug/L 93
35) Trichloroethene	5.96	95	9947	4.736	ug/L 92
47) Tetrachloroethene	8.02	164	158362	95.552	ug/L 98

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