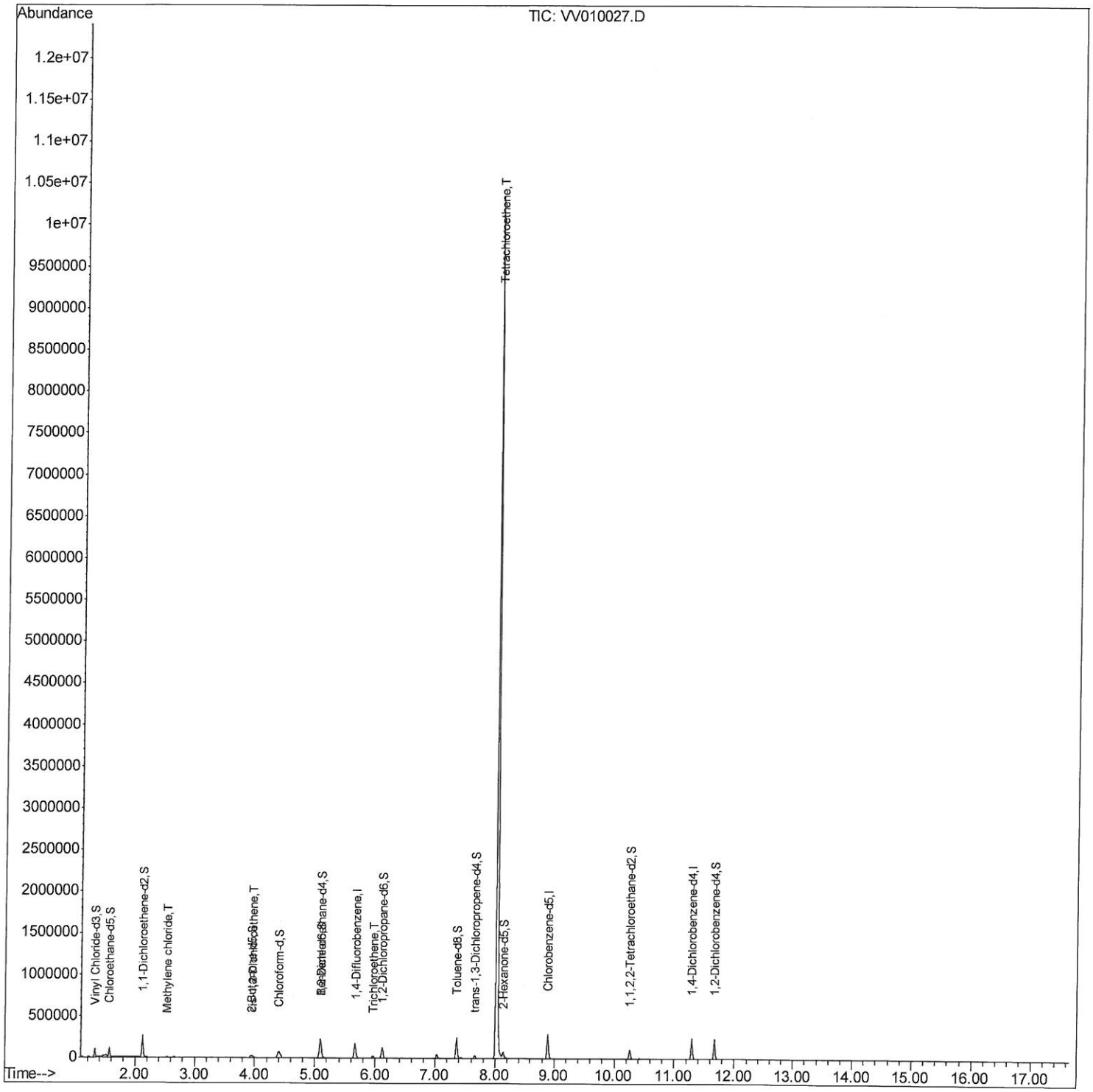
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010027.D
Acq On : 30 Mar 2019 18:29
Operator : SY/MD
Sample : K2166-12
Misc : 6.23G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 21:17:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF0L7

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:01:38 AM



Quantitation Report (Qedit)

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Quant Time: Mar 30 23:36:04 2019
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Quant Title : VOC Analysis
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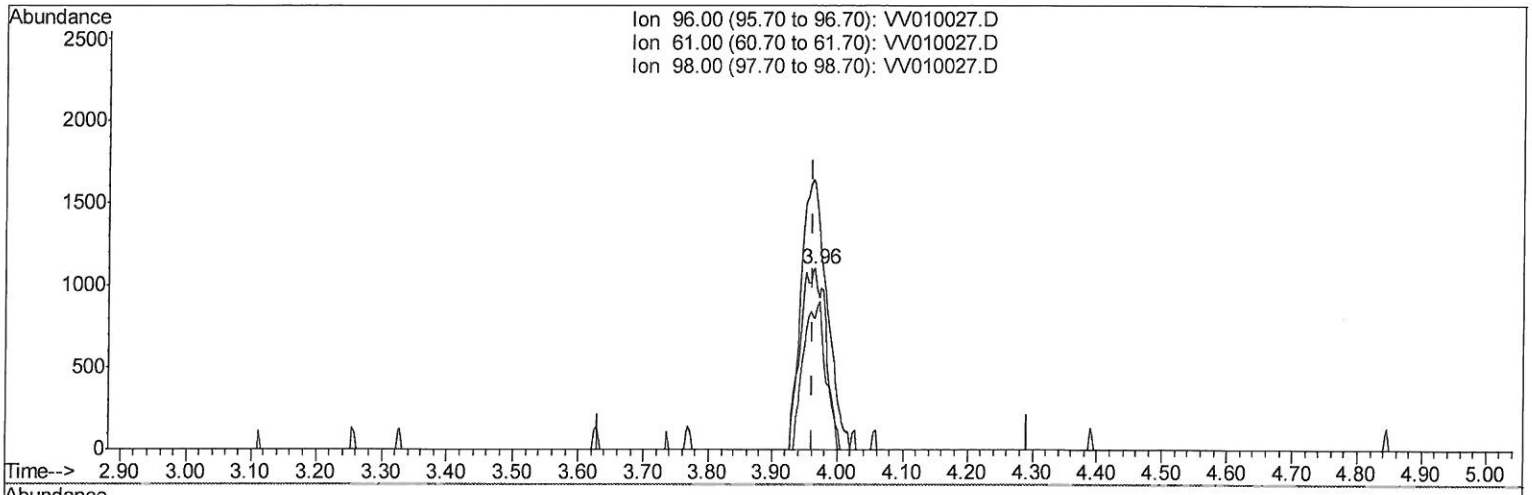

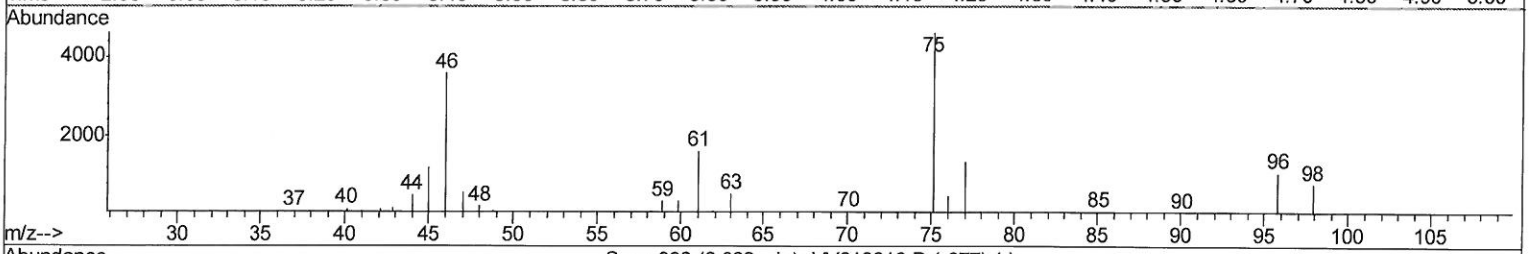

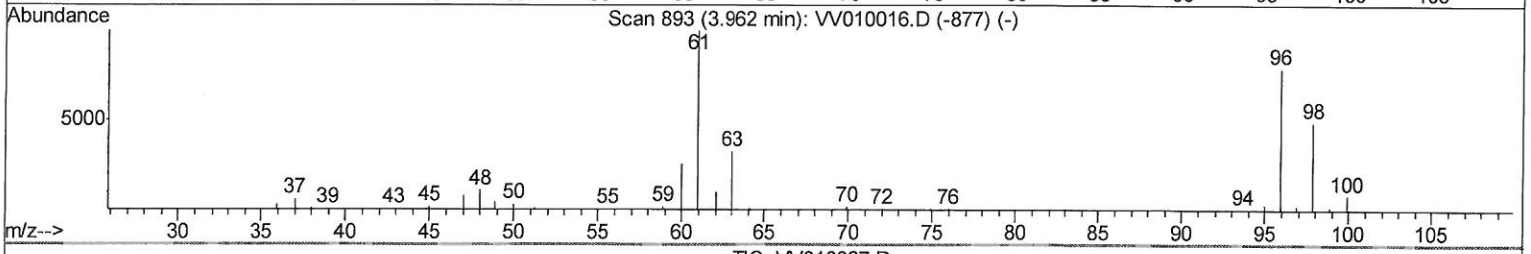

TIC: VV010027.D

(22) cis-1,2-Dichloroethene (T)

3.965min (+0.003) 1.42ug/L m

response 2996

Ion	Exp%	Act%
96.00	100	100
61.00	130.60	147.73
98.00	68.60	72.82
0.00	0.00	0.00

SMD 4/3/19

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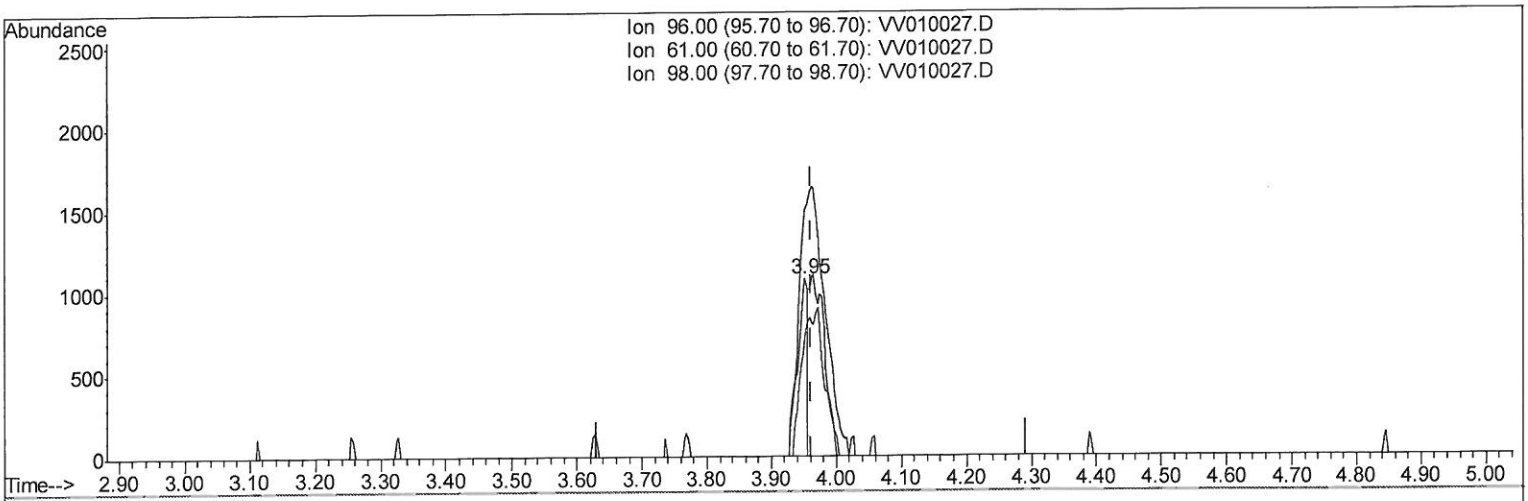
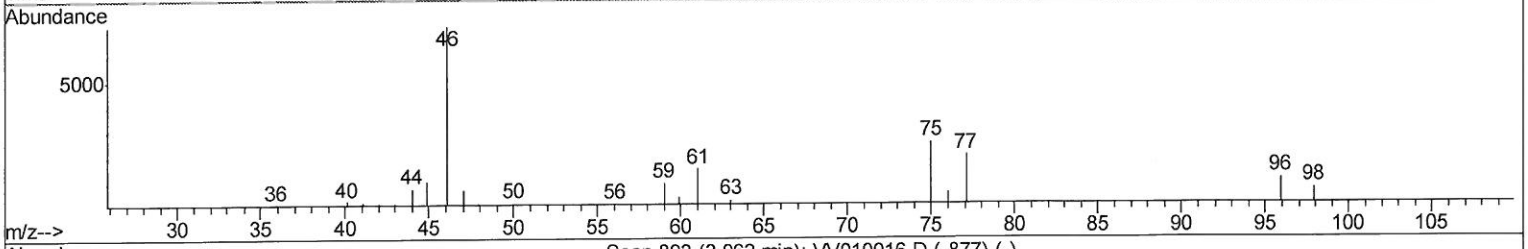
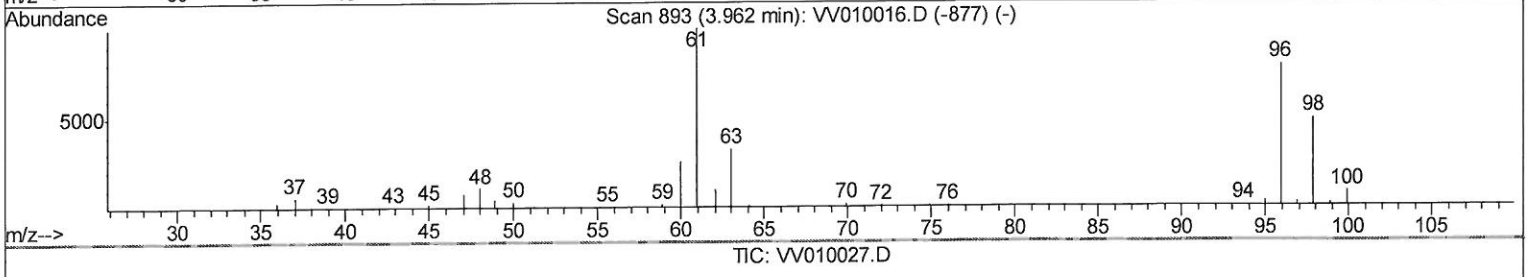
Manual Integrations APPROVED
MMDadoda
4/1/2019 4:01:38 AM







TIC: VV010027.D

(22) cis-1,2-Dichloroethene (T)

3.952min (-0.010) 0.55ug/L

response 1162

Ion	Exp%	Act%
96.00	100	100
61.00	130.60	139.07
98.00	68.60	66.20
0.00	0.00	0.00

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146223	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61456	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57855	19.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.00%			
7) Chloroethane-d5	1.56	69	73357	22.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.56%			
10) 1,1-Dichloroethene-d2	2.12	63	134056	16.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.08%			
20) 2-Butanone-d5	3.94	46	26140	47.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.54%			
24) Chloroform-d	4.40	84	71591	19.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.88%			
26) 1,2-Dichloroethane-d4	5.08	65	54722	24.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.64%			
29) Benzene-d6	5.10	84	181729	23.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.44%			
33) 1,2-Dichloropropane-d6	6.12	67	56599	24.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.48%			
37) Toluene-d8	7.36	98	155077	21.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.24%			
38) trans-1,3-Dichloropropene-	7.66	79	15504	16.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.60%			
39) 2-Hexanone-d5	8.13	63	20575	48.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49401	21.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.68%			
61) 1,2-Dichlorobenzene-d4	11.68	152	57754	24.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.72%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	4806	1.996	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	2996m	1.416	ug/L	
35) Trichloroethene	5.96	95	6176	2.878	ug/L	90
47) Tetrachloroethene	8.02	164	1887584	1114.831	ug/L	96

> MD 4/13/19

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