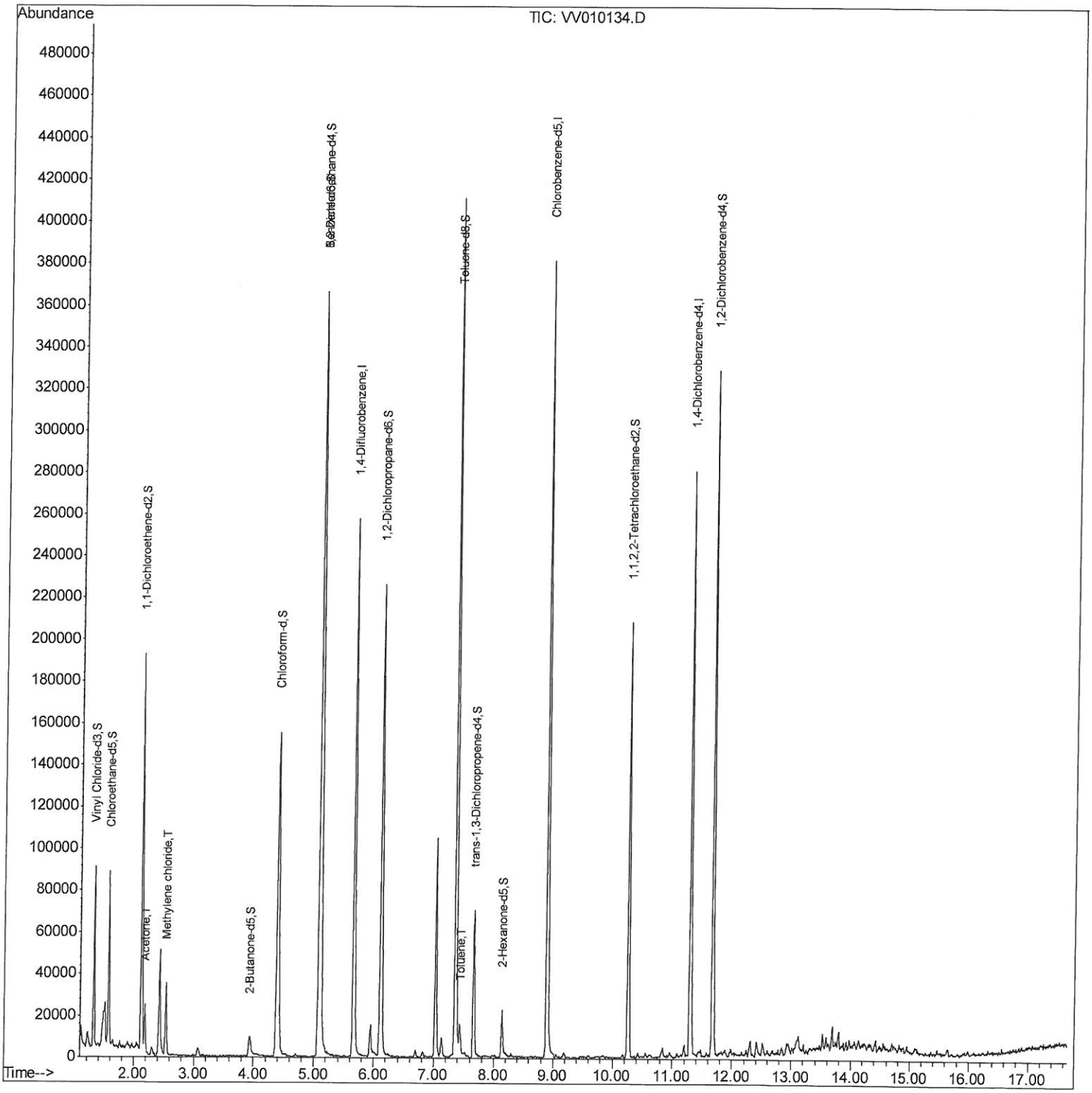
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\Not Reviewed Data\
Data File : VV010134.D
Acq On : 05 Apr 2019 16:38
Operator : SY/MD
Sample : K2168-08
Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 02:09:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF673

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:40 AM



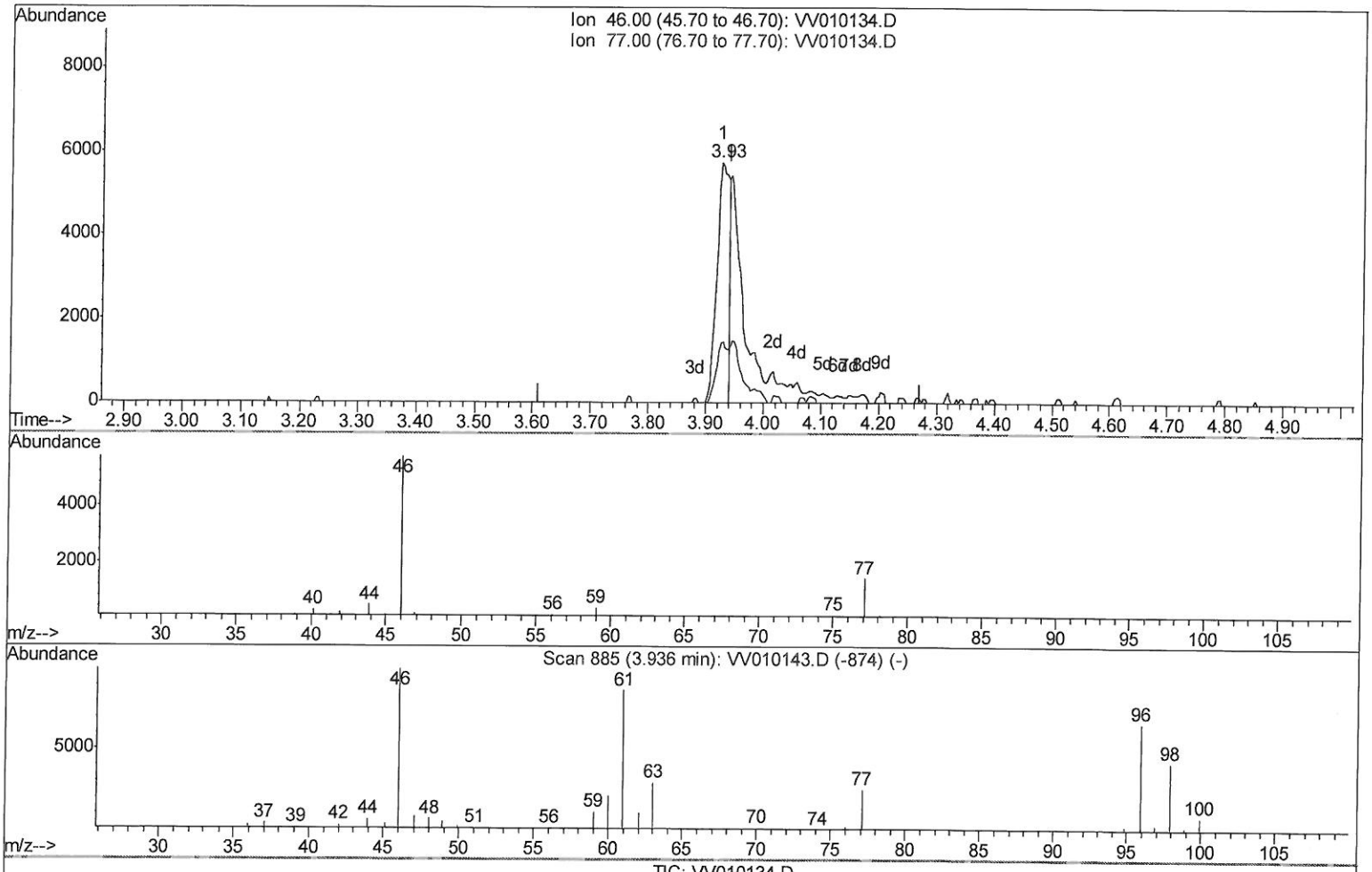
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\Not Reviewed Data\
Data File : VV010134.D
Acq On : 05 Apr 2019 16:38
Operator : SY/MD
Sample : K2168-08
Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 10 09:34:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF673

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:40 AM



TIC: VV010134.D

(20) 2-Butanone-d5 (S)

3.926min (-0.016) 9.81ug/L

response 8242

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	21.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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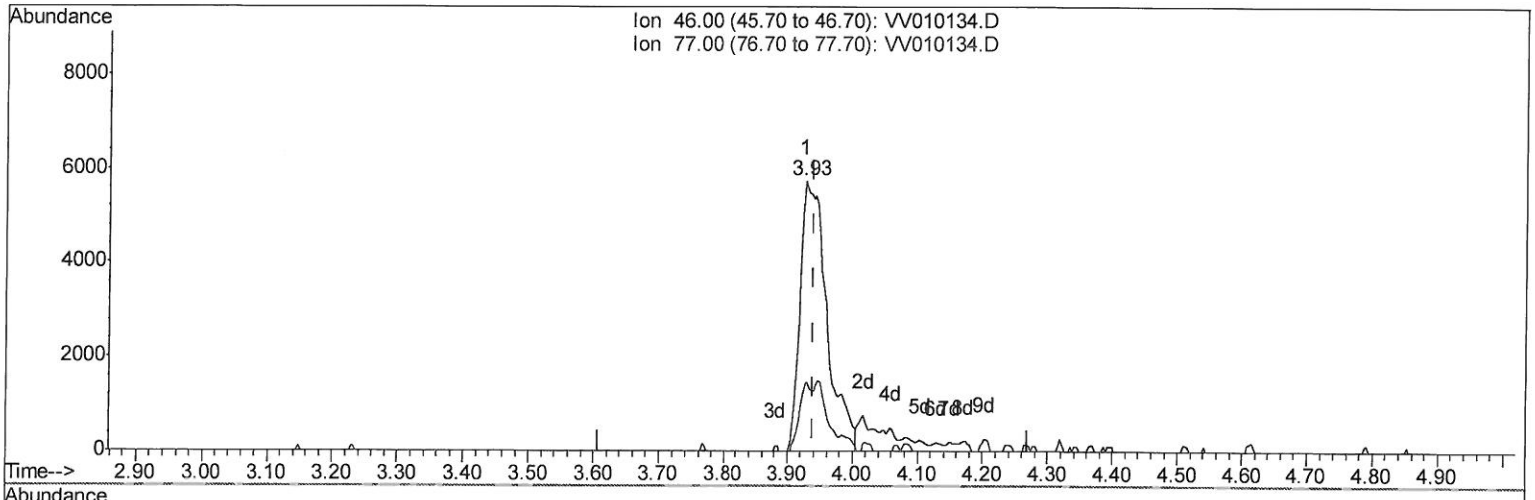
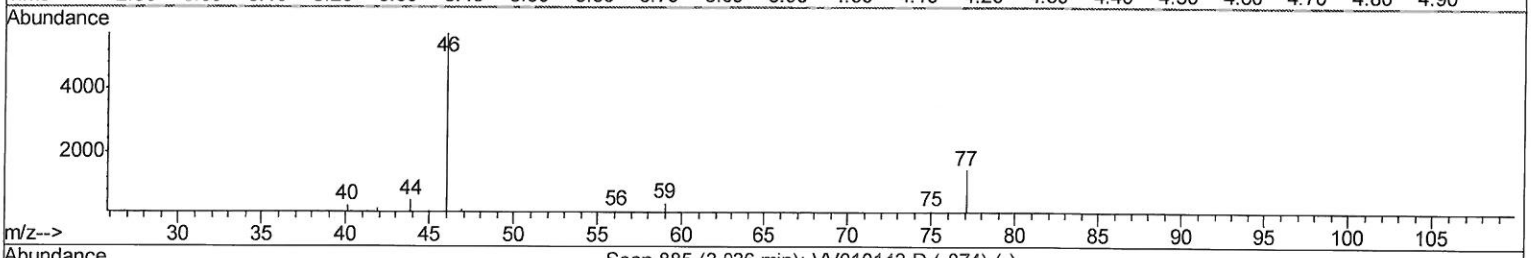
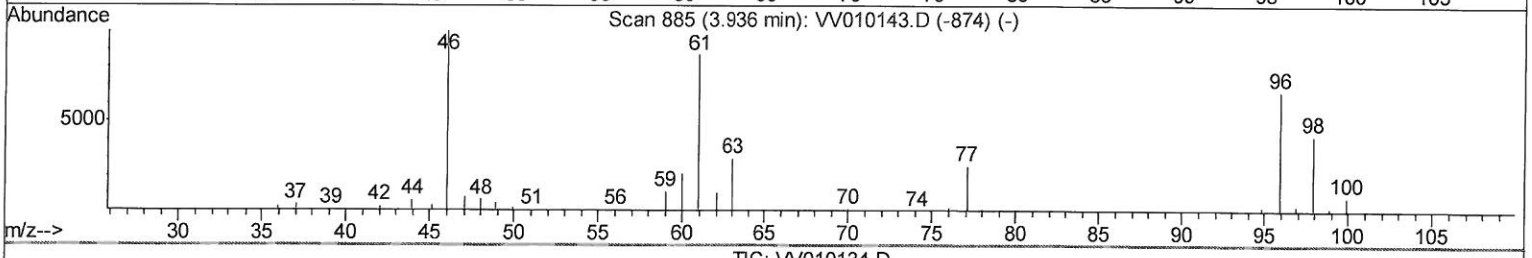
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF673

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:40 AM







TIC: VV010134.D

(20) 2-Butanone-d5 (S)

3.926min (-0.013) 19.40ug/L m

response 16295

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	10.81#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 4/13/19

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF673

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:09:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220529	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79753	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49502	16.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.08%			
7) Chloroethane-d5	1.57	69	53734	14.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.60%			
10) 1,1-Dichloroethene-d2	2.12	63	96848	13.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.00%			
20) 2-Butanone-d5	3.93	46	16295m	19.40	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 38.80%			
24) Chloroform-d	4.40	84	153573	27.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.56%			
26) 1,2-Dichloroethane-d4	5.08	65	109740	35.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.20%#			
29) Benzene-d6	5.10	84	309495	27.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.56%			
33) 1,2-Dichloropropane-d6	6.12	67	106368	31.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.56%#			
37) Toluene-d8	7.36	98	278143	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.20%			
38) trans-1,3-Dichloropropene-	7.66	79	36239	25.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.68%			
39) 2-Hexanone-d5	8.13	63	7795	11.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 23.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91110	27.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.80%			
61) 1,2-Dichlorobenzene-d4	11.67	152	88098	28.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.44%			
Target Compounds						Qvalue
13) Acetone	2.18	43	22101	26.609	ug/L	96
16) Methylene chloride	2.53	84	14235	3.674	ug/L	95
44) Toluene	7.43	91	9912	0.829	ug/L	86

MMD 4/13/19

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