Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052019\

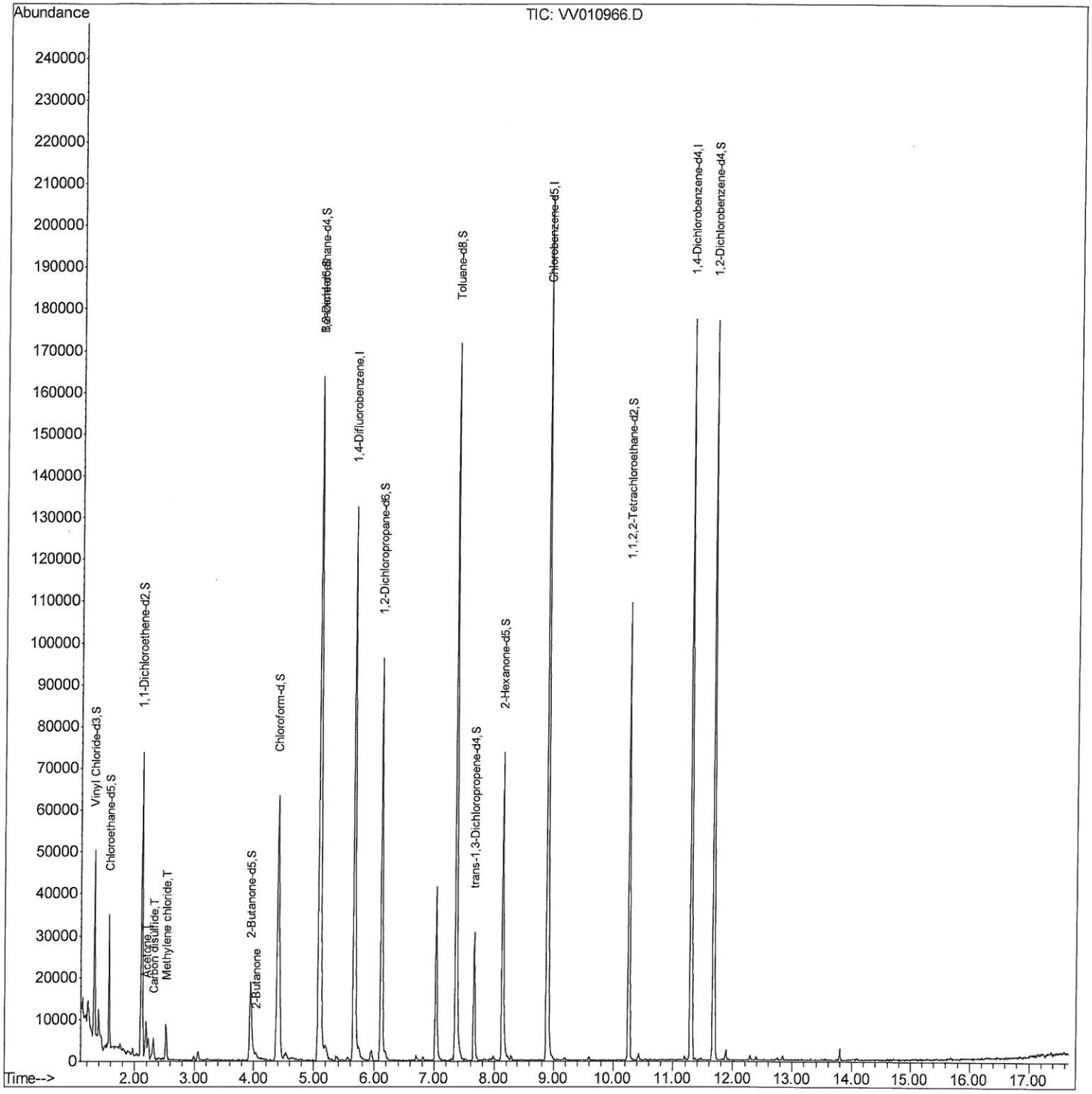
Quantitation Report (QT Reviewed)

Data File : VV010966.D
Acq On : 20 May 2019 19:06
Operator : SY/MD
Sample : K2846-07
Misc : 4.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 04:58:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFHC2

Manual Integrations APPROVED
MMDadoda
5/25/2019 1:42:58 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052019\

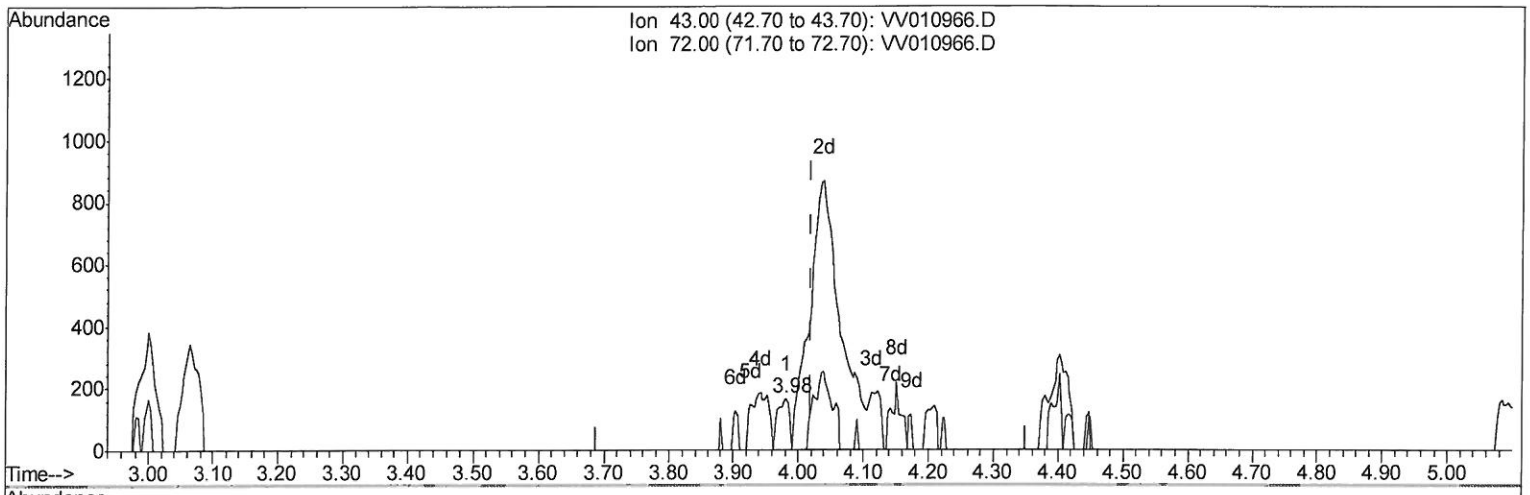
Quantitation Report (Qedit)

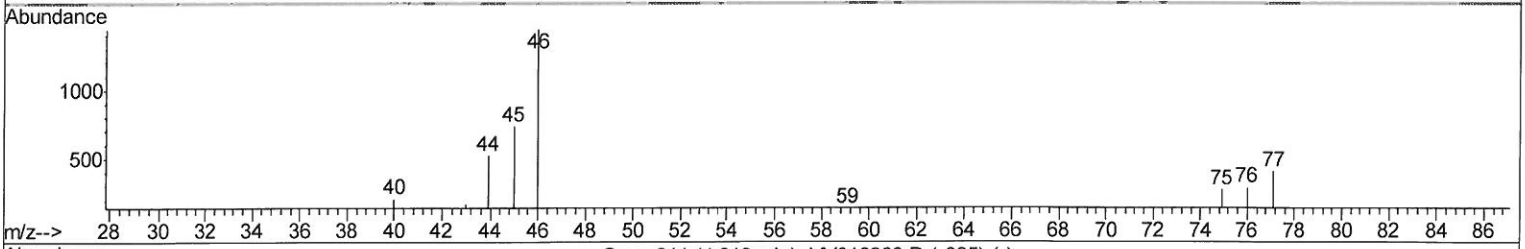
Data File : VV010966.D
Acq On : 20 May 2019 19:06
Operator : SY/MD
Sample : K2846-07
Misc : 4.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

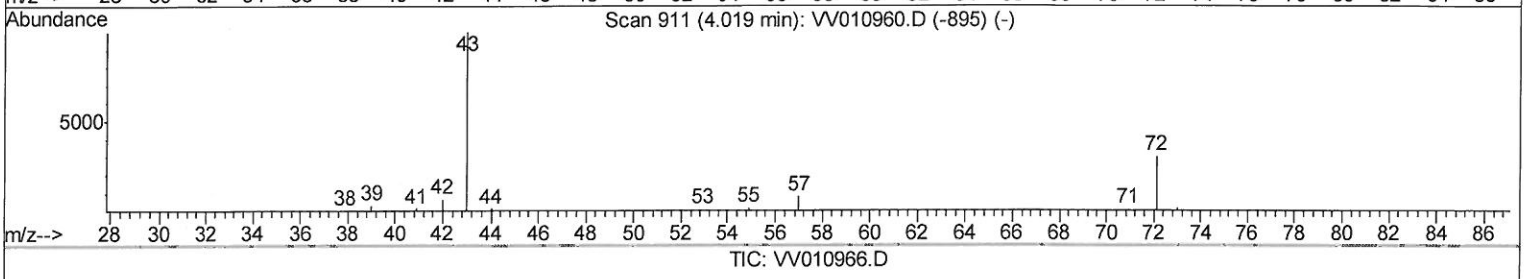
Quant Time: May 21 04:07:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFHC2

Manual Integrations APPROVED
MMDadoda
5/25/2019 1:42:58 AM







TIC: VV010966.D

(21) 2-Butanone

3.981min (-0.039) 0.36ug/L

response 212

Ion	Exp%	Act%
43.00	100	100
72.00	26.20	68.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052019\

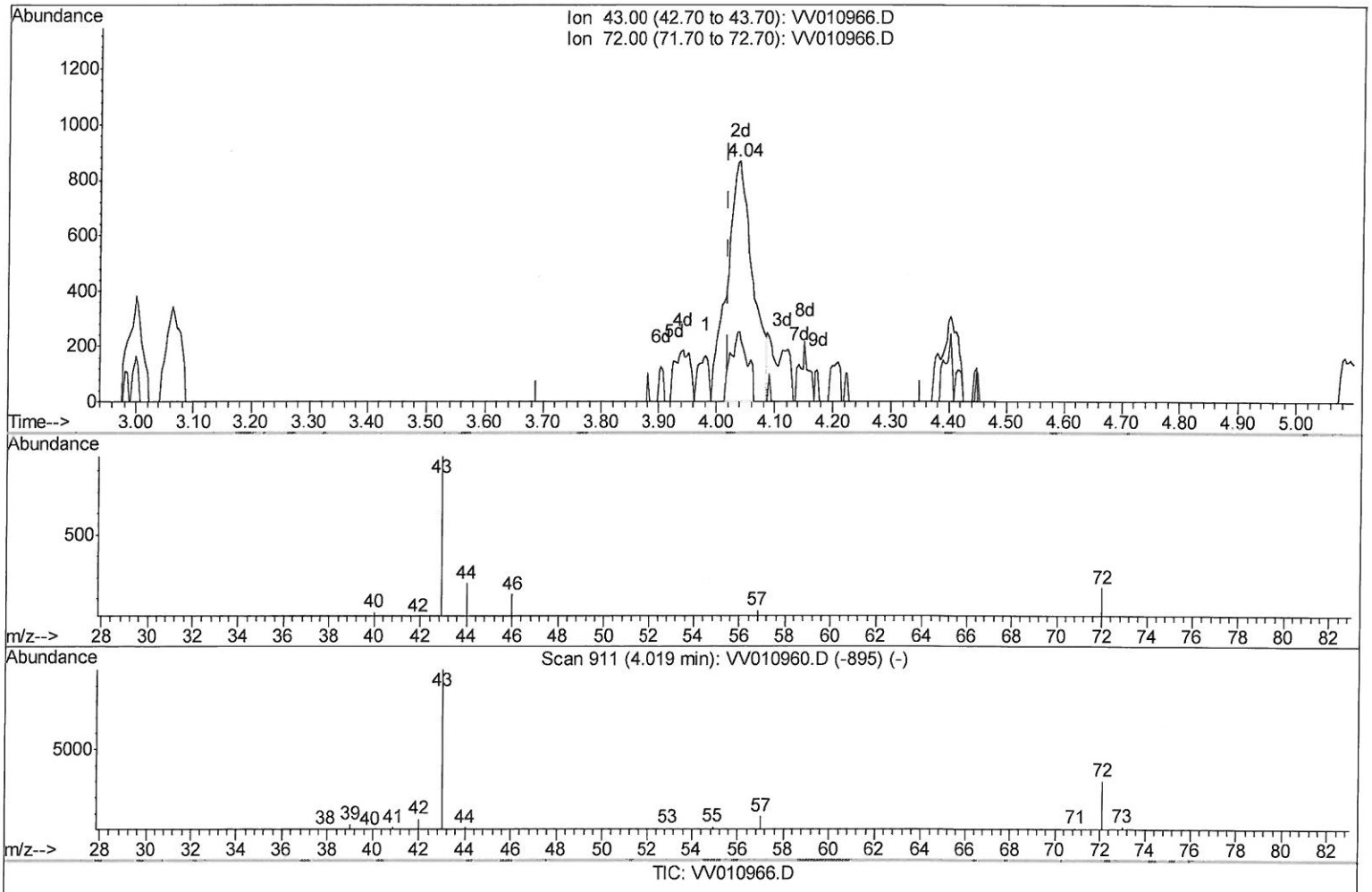
Quantitation Report (Qedit)

Data File : VV010966.D
Acq On : 20 May 2019 19:06
Operator : SY/MD
Sample : K2846-07
Misc : 4.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 04:07:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFHC2

Manual Integrations APPROVED
MMDadoda
5/25/2019 1:42:58 AM



TIC: VV010966.D

(21) 2-Butanone

4.039min (+0.019) 4.43ug/L m >05/22/19 SY

response 2640

Ion	Exp%	Act%
43.00	100	100
72.00	26.20	5.49#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052019\

Quantitation Report (QT Reviewed)

Data File : VV010966.D
Acq On : 20 May 2019 19:06
Operator : SY/MD
Sample : K2846-07
Misc : 4.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHC2

Manual Integrations APPROVED
MMDadoda
5/25/2019 1:42:58 AM

Quant Time: May 21 04:58:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114861	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	116758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47266	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24006	18.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.32%			
7) Chloroethane-d5	1.57	69	18488	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.40%			
10) 1,1-Dichloroethene-d2	2.12	63	36498	14.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.00%			
20) 2-Butanone-d5	3.94	46	27461	60.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.56%			
24) Chloroform-d	4.40	84	60544	20.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.40%			
26) 1,2-Dichloroethane-d4	5.08	65	43441	24.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%			
29) Benzene-d6	5.10	84	139493	21.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.52%			
33) 1,2-Dichloropropane-d6	6.12	67	47682	23.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.16%			
37) Toluene-d8	7.36	98	119450	20.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.64%			
38) trans-1,3-Dichloropropene-	7.66	79	17543	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.40%			
39) 2-Hexanone-d5	8.13	63	24892	65.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.78%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51983	25.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	47025	24.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.00%			

Target Compounds						Qvalue
13) Acetone	2.19	43	7362	16.896	ug/L	91
14) Carbon disulfide	2.31	76	4199	1.237	ug/L	96
16) Methylene chloride	2.53	84	3722	1.888	ug/L	98
21) 2-Butanone	4.04	43	2640m	4.427	ug/L	

5/22/19 SY

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