Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

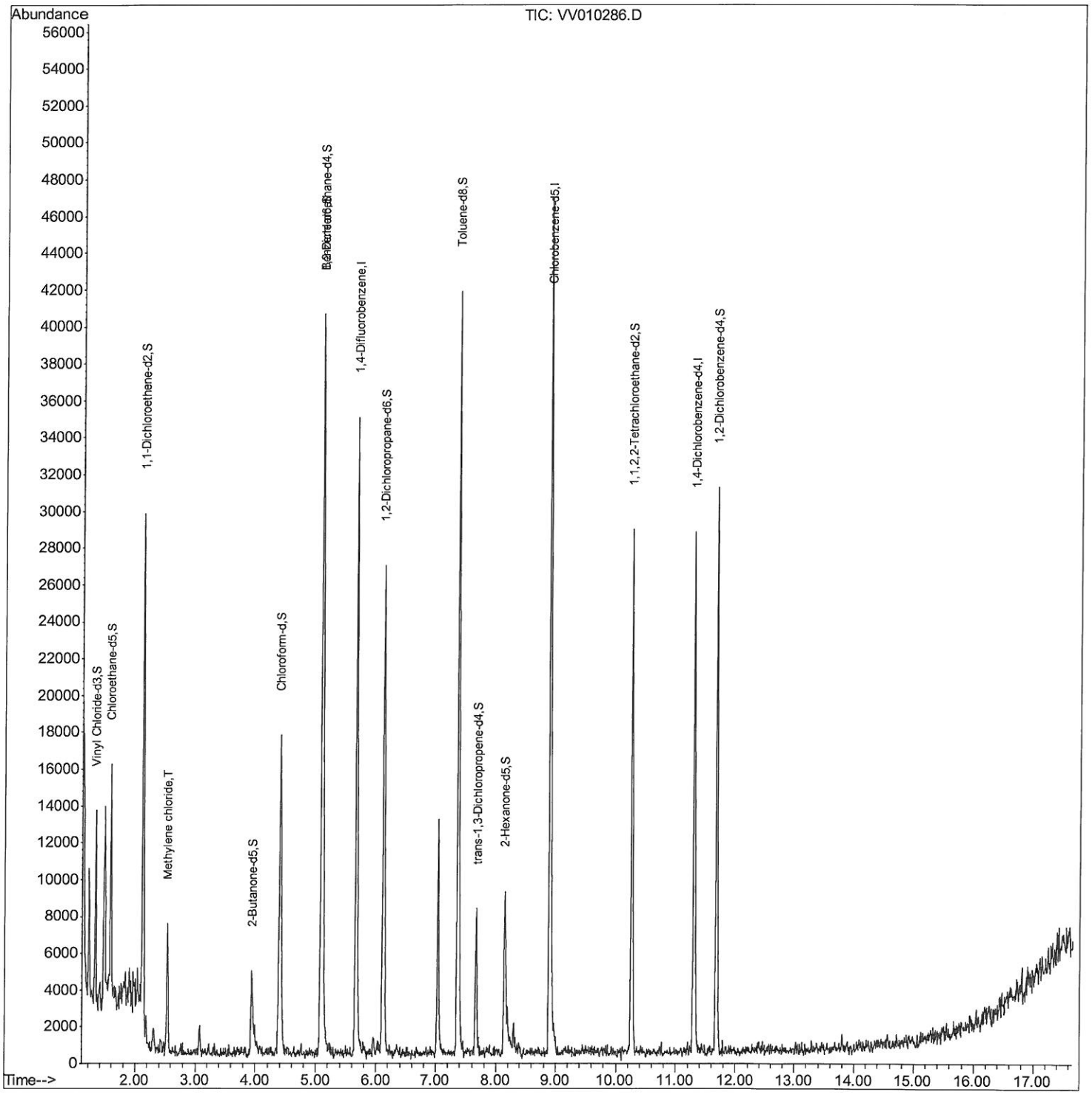
Quantitation Report (QT Reviewed)

Data File : VV010286.D
Acq On : 12 Apr 2019 14:37
Operator : SY/MD
Sample : K2328-06RE
Misc : 4.79G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 05:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DB718RE

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:31:25 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

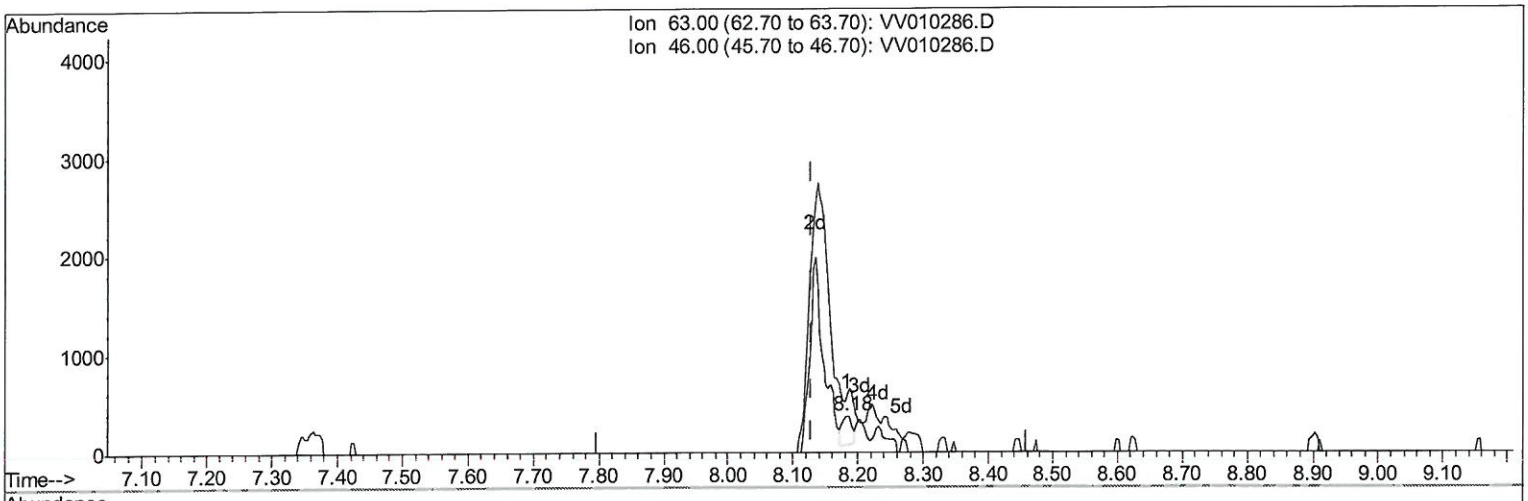
Quantitation Report (Qedit)

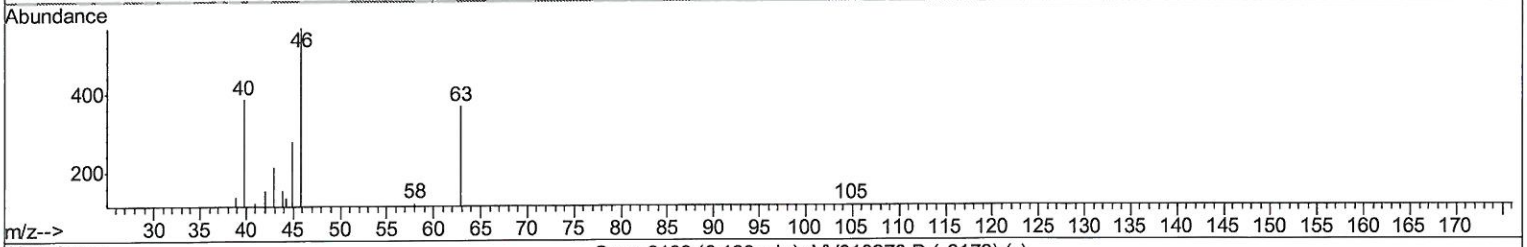
Data File : VV010286.D
Acq On : 12 Apr 2019 14:37
Operator : SY/MD
Sample : K2328-06RE
Misc : 4.79G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

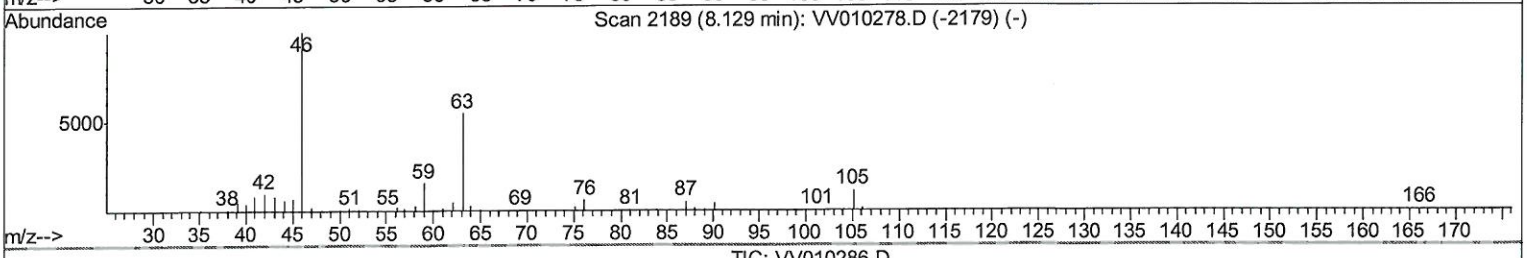
Quant Time: Apr 13 04:51:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DB718RE

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:31:25 AM







TIC: VV010286.D

(39) 2-Hexanone-d5 (S)

8.183min (+0.055) 4.08ug/L

response 313

Ion	Exp%	Act%
63.00	100	100
46.00	177.10	204.15
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

Quantitation Report (Qedit)

Data File : VV010286.D
Acq On : 12 Apr 2019 14:37
Operator : SY/MD
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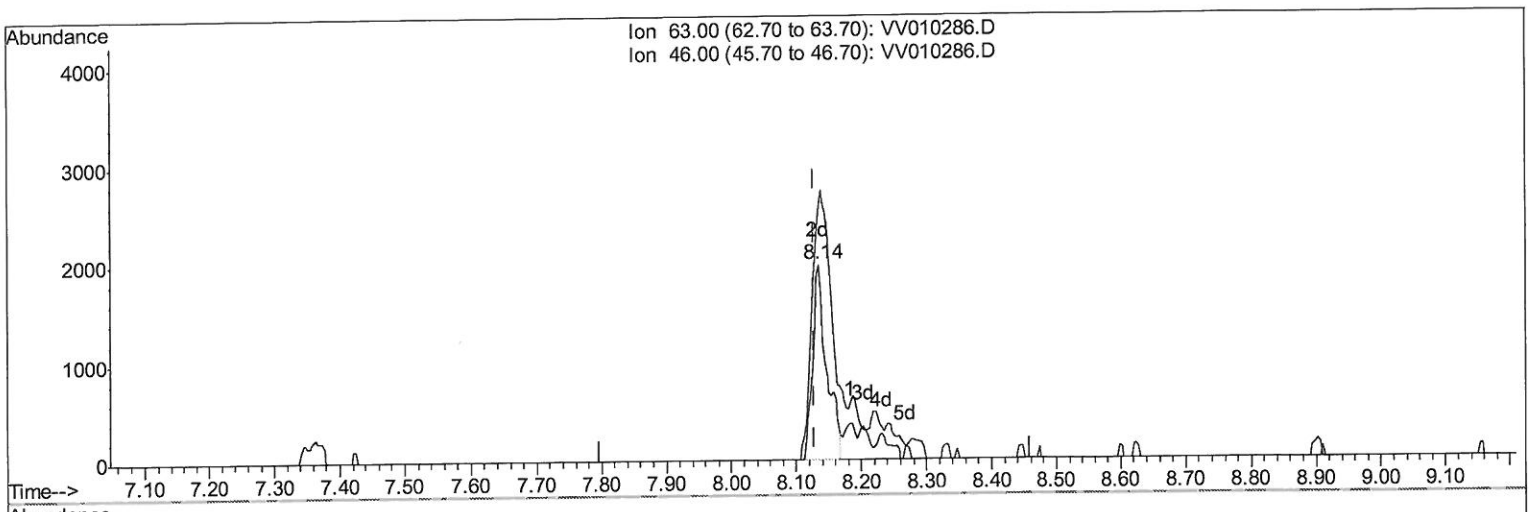
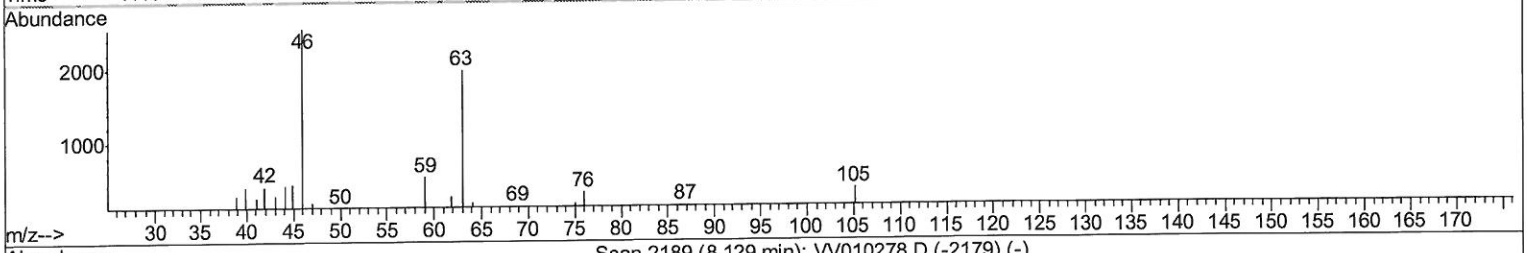
Misc : 4.79G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

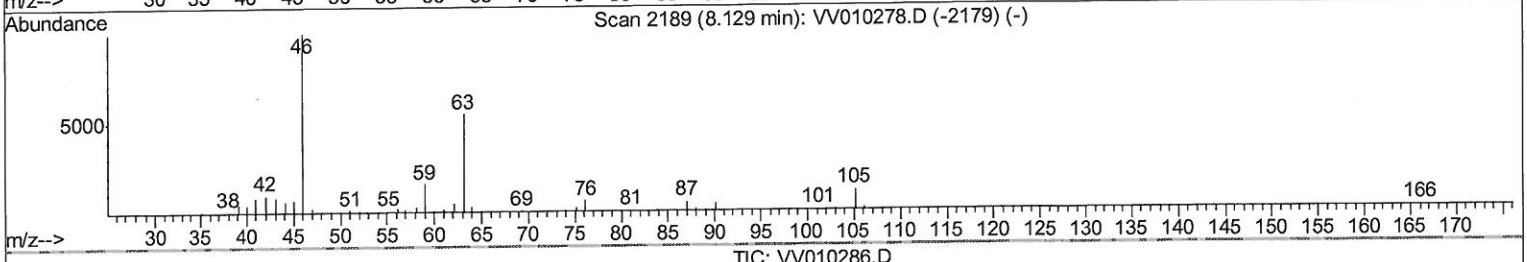
Quant Time: Apr 13 04:51:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DB718RE

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:31:25 AM







TIC: VV010286.D

(39) 2-Hexanone-d5 (S)

8.135min (+0.006) 38.62ug/L m

response 2964

Ion	Exp%	Act%
63.00	100	100
46.00	177.10	21.56#
0.00	0.00	0.00
0.00	0.00	0.00

JMD 4/16/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

Quantitation Report (QT Reviewed)

Data File : VV010286.D
Acq On : 12 Apr 2019 14:37
Operator : SY/MD
Sample : K2328-06RE
Misc : 4.79G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB718RE

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:31:25 AM

Quant Time: Apr 13 05:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	31047	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9180	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	6109	17.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.36%			
7) Chloroethane-d5	1.58	69	6707	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.36%			
10) 1,1-Dichloroethene-d2	2.13	63	13507	14.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.40%			
20) 2-Butanone-d5	3.94	46	5803	64.16	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.32%			
24) Chloroform-d	4.40	84	17082	24.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.36%			
26) 1,2-Dichloroethane-d4	5.08	65	13280	32.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.56%#			
29) Benzene-d6	5.10	84	33476	22.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.64%			
33) 1,2-Dichloropropane-d6	6.12	67	11230	25.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.08%			
37) Toluene-d8	7.36	98	28424	19.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.04%			
38) trans-1,3-Dichloropropene-	7.67	79	3800	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.04%			
39) 2-Hexanone-d5	8.14	63	2964m	38.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.24%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	12841	32.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.80%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	9361	27.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.44%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	3125	5.140	ug/L	86

MD 4/16/19

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