

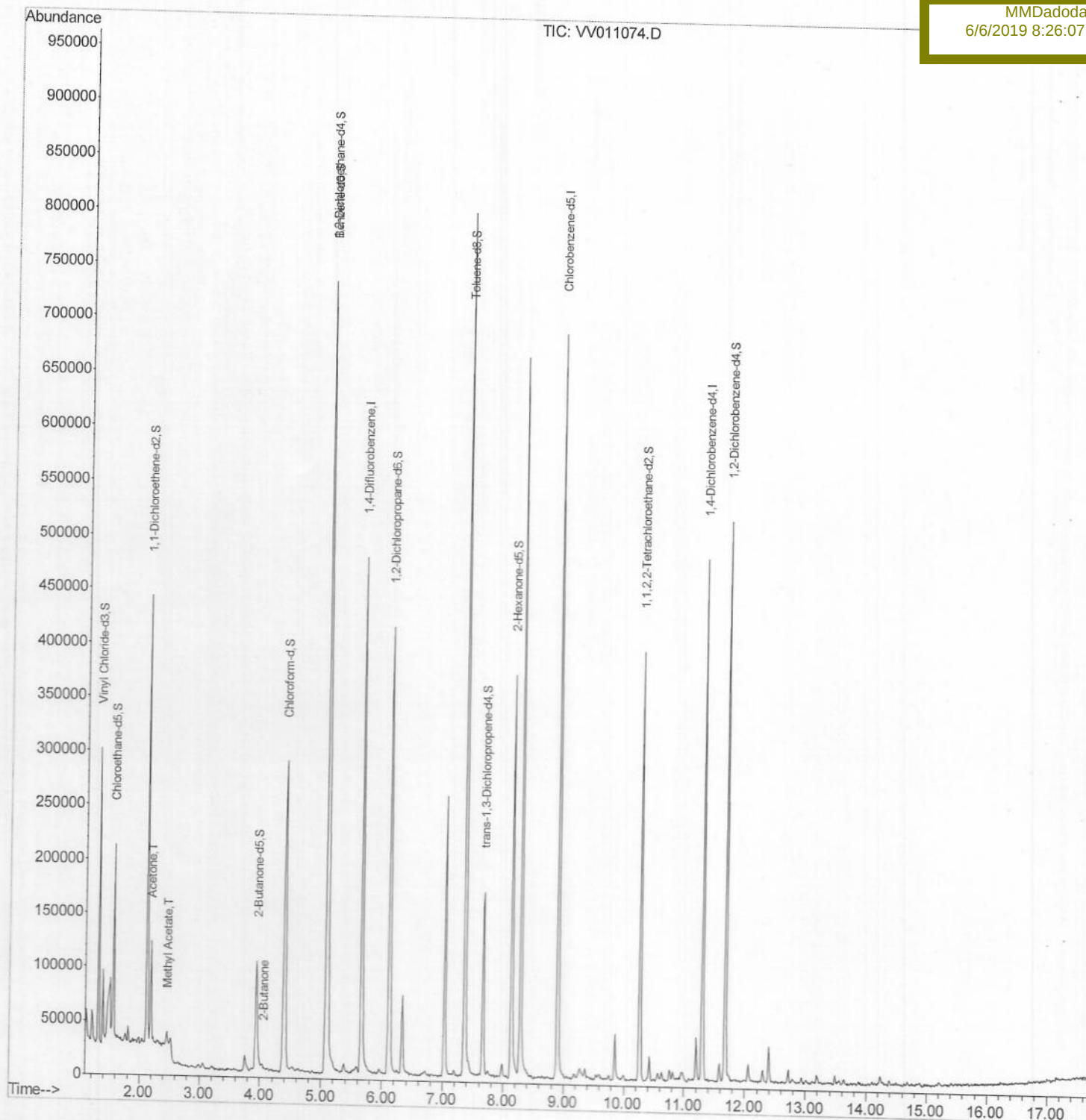
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011074.D
Acq On : 28 May 2019 20:19
Operator : SY/MD
Sample : K3016-02RE
Misc : 5.24G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 13:12:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
A51C1RE

Manual Integrations
APPROVED

MMDadoda
6/6/2019 8:26:07 AM



Data File : VV011074.D

Acq On : 28 May 2019 20:19

Operator : SY/MD

Sample : K3016-02RE

Misc : 5.24G/10ML/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 02:19:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M

Quant Title : VOC Analysis

QLast Update : Wed May 29 02:15:20 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

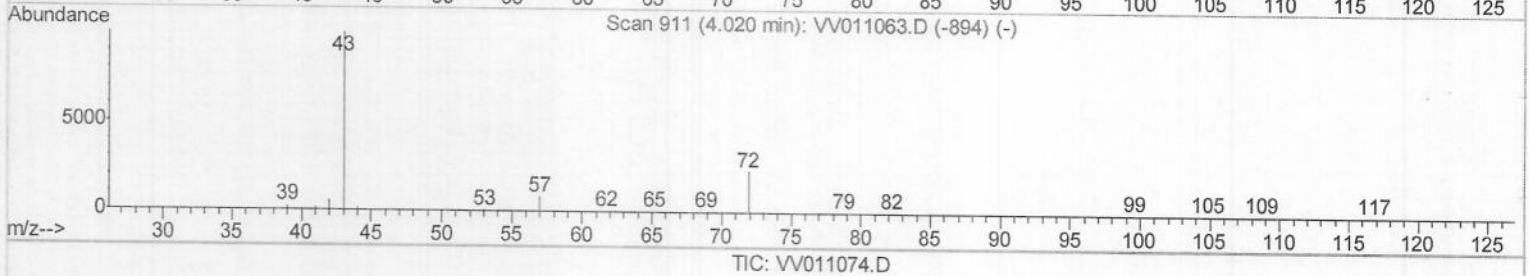
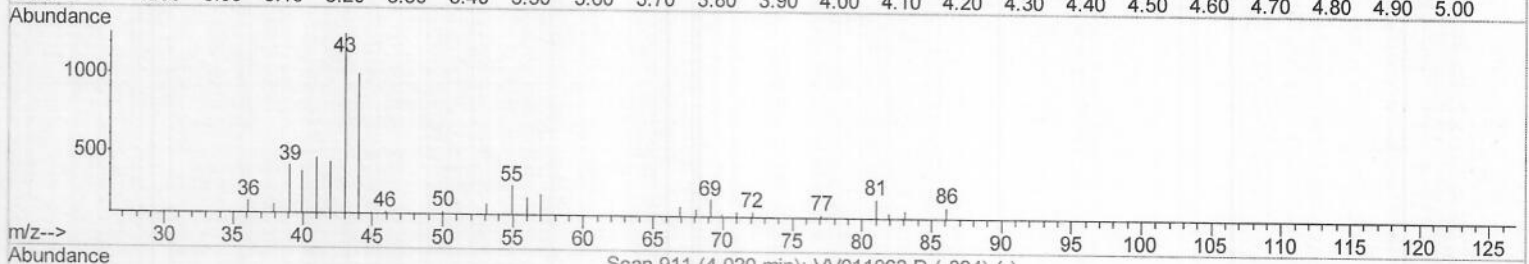
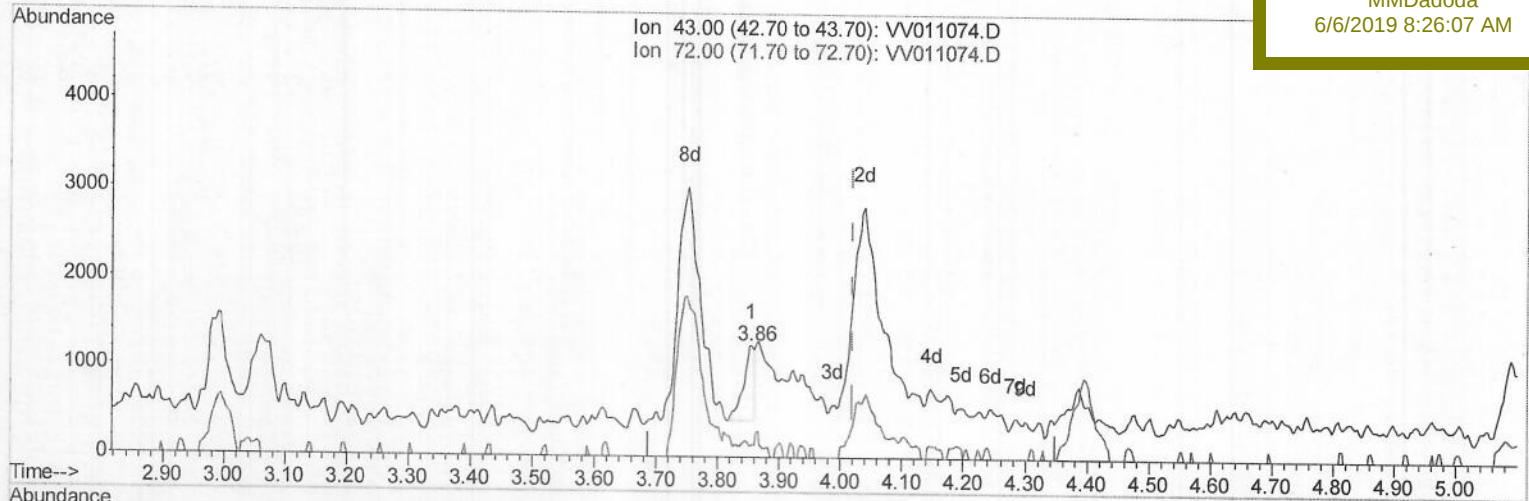
A51C1RE

Manual Integrations

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(21) 2-Butanone

3.856min (-0.164) 0.38ug/L

response 1027

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	19.86
0.00	0.00	0.00
0.00	0.00	0.00

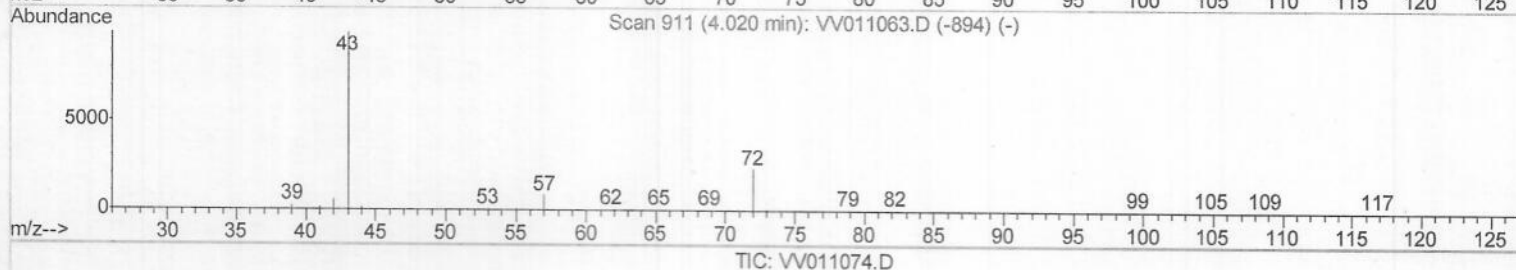
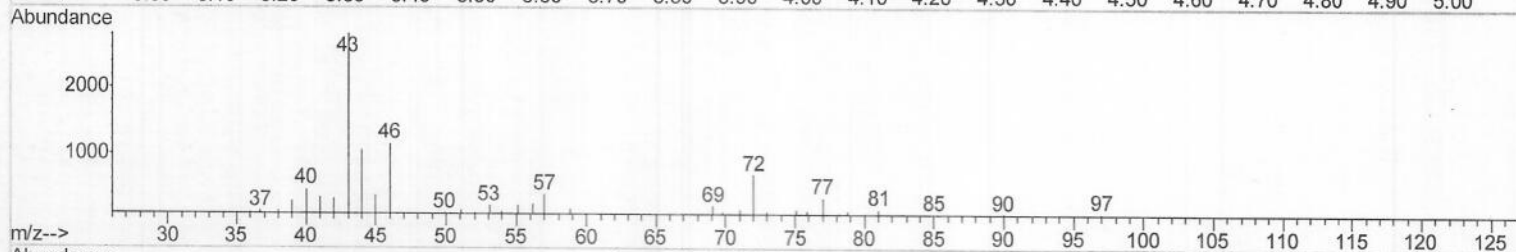
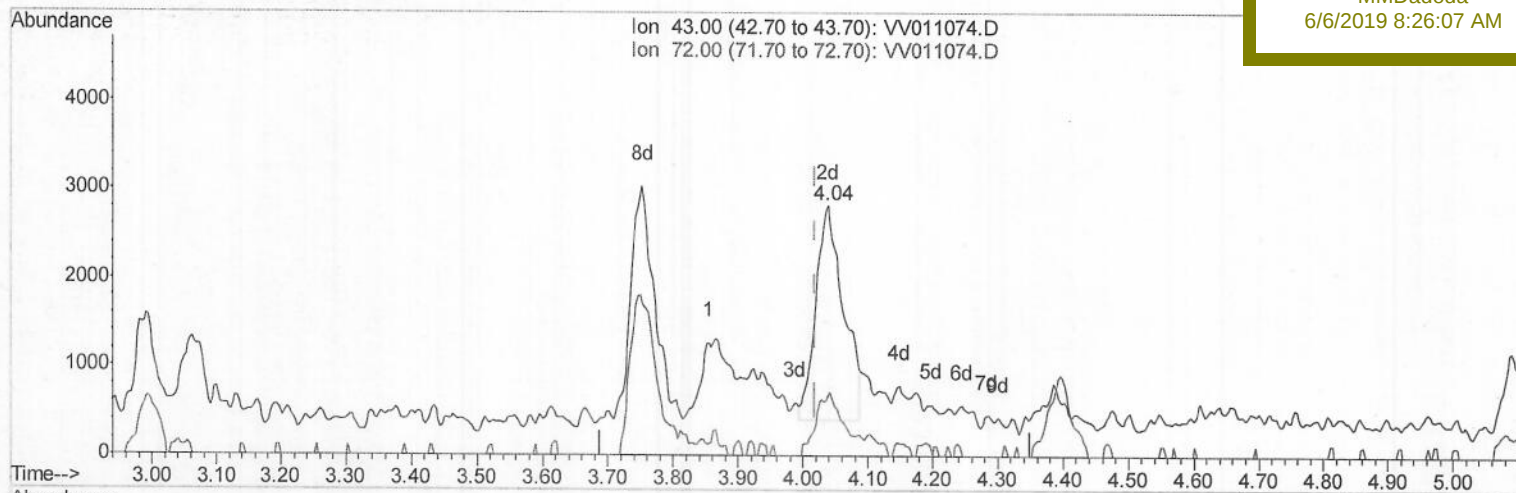
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ClientSampleId :
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Manual Integrations
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6/6/2019 8:26:07 AM



(21) 2-Butanone

4.039min (+0.019) 2.67ug/L m

response 7124

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	2.86#
0.00	0.00	0.00
0.00	0.00	0.00

6/3/19
SY

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011074.D
 Acq On : 28 May 2019 20:19
 Operator : SY/MD
 Sample : K3016-02RE
 Misc : 5.24G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C1RE

Quant Time: May 29 13:12:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 8:26:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	404649	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	142621	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	1.56	69	105500	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	2.12	63	212454	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	3.93	46	163253	85.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.76%#
24) Chloroform-d	4.40	84	286727	29.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.88%
26) 1,2-Dichloroethane-d4	5.08	65	189066	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.56%
29) Benzene-d6	5.09	84	605279	29.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.68%
33) 1,2-Dichloropropane-d6	6.11	67	201435	30.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.04%#
37) Toluene-d8	7.36	98	524857	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.76%
38) trans-1,3-Dichloropropene-	7.66	79	91574	29.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.08%
39) 2-Hexanone-d5	8.13	63	127815	88.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	188779	33.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.00%#
61) 1,2-Dichlorobenzene-d4	11.67	152	126221	27.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	89403	41.273	ug/L	99
15) Methyl Acetate	2.45	43	11326	3.622	ug/L	# 100
21) 2-Butanone	4.04	43	7124m	2.671	ug/L	

6/3/19
 SY

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