

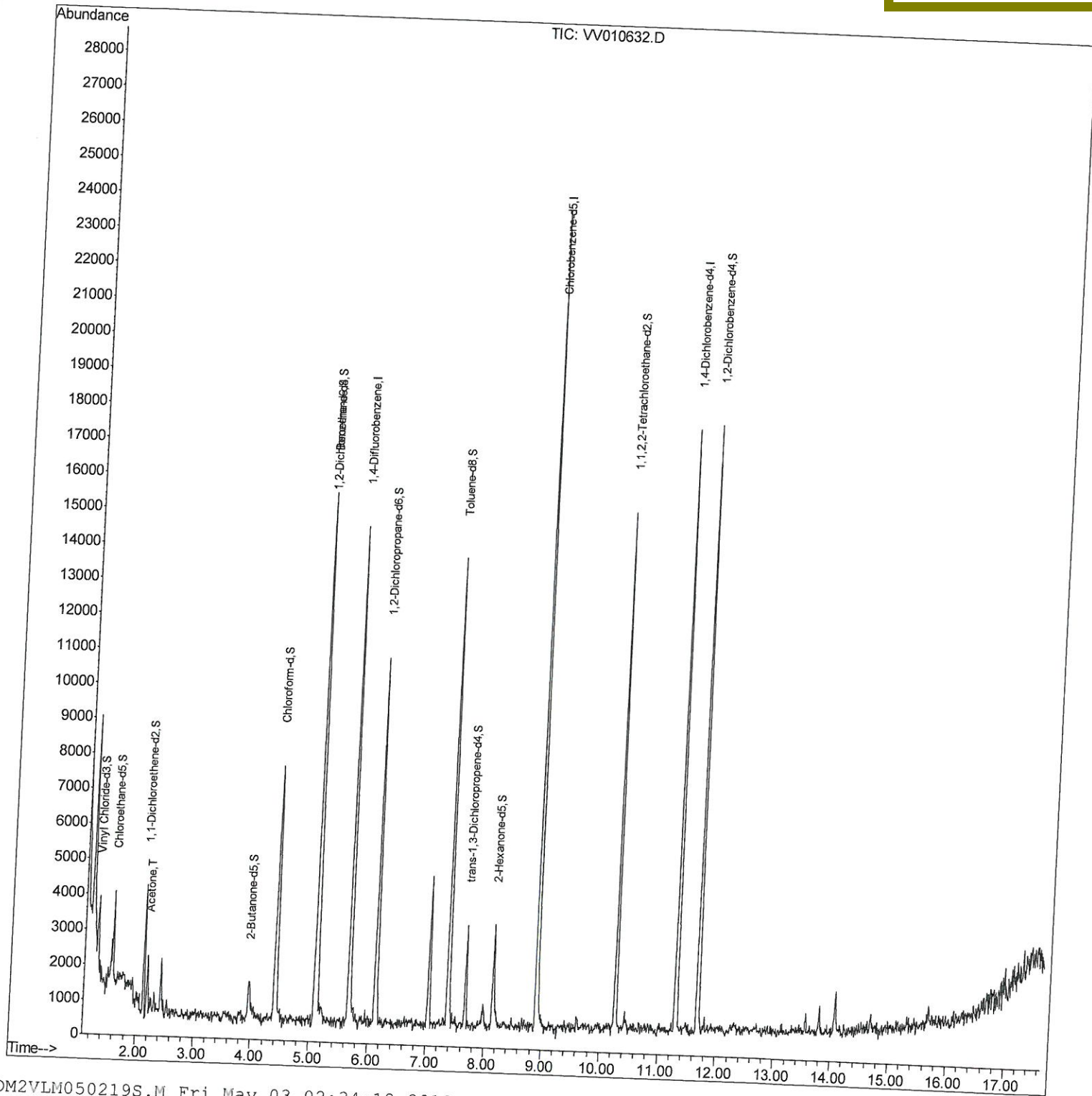
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010632.D Quantitation Report (QT Reviewed)
Acq On : 02 May 2019 17:00
Operator : SY/MD
Sample : K2603-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55

Quant Time: May 03 02:36:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Manual Integrations
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5/6/2019 11:53:31 AM



SOM2VLM050219S.M Fri May 03 02:34:18 2019

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

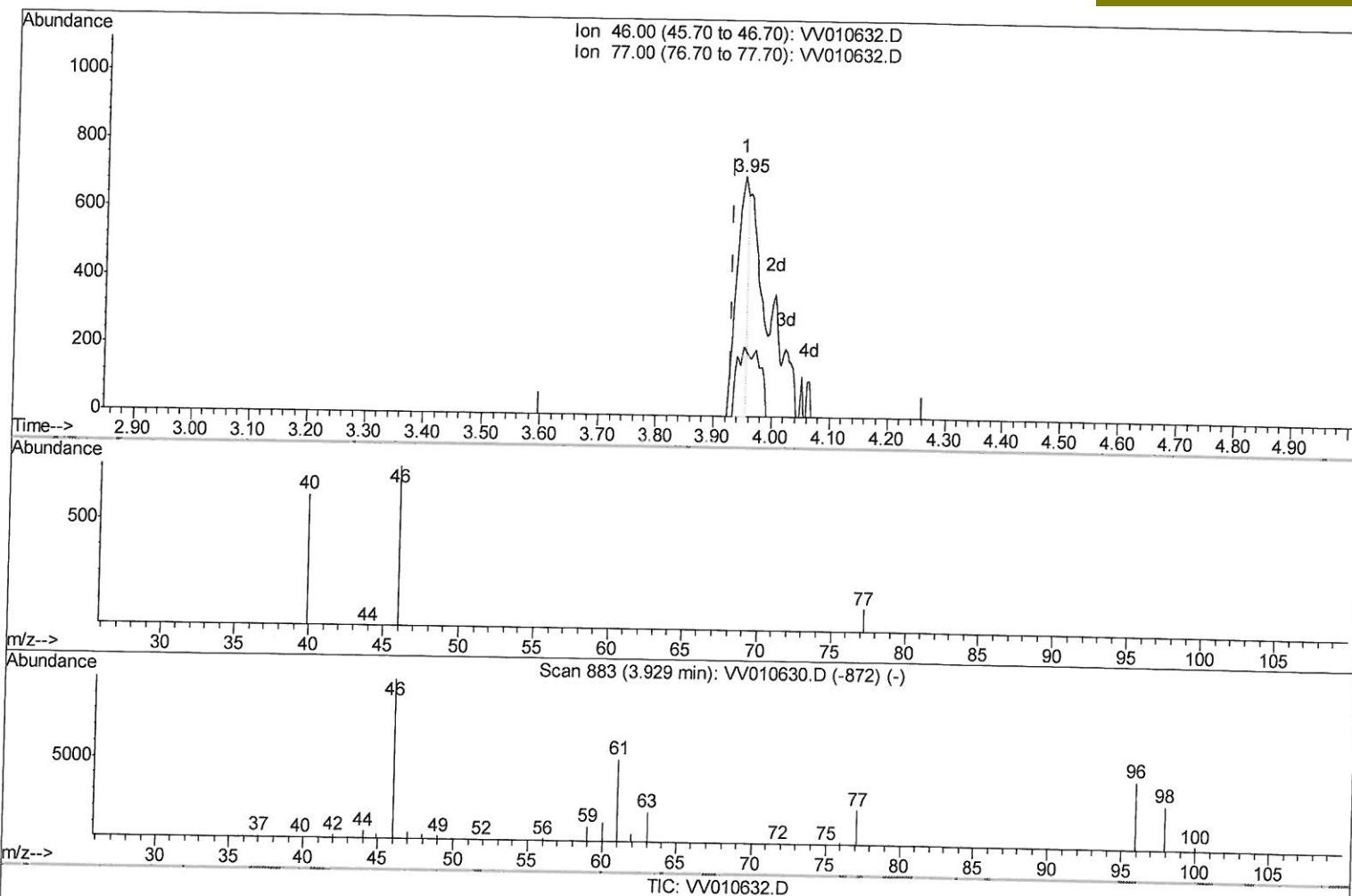
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Instrument :
MSVOA_V
Client Sampled :
GAJ55

Quant Time: May 03 02:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
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(20) 2-Butanone-d5 (S)

3.949min (+0.019) 20.44ug/L

response 956

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	9.21#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

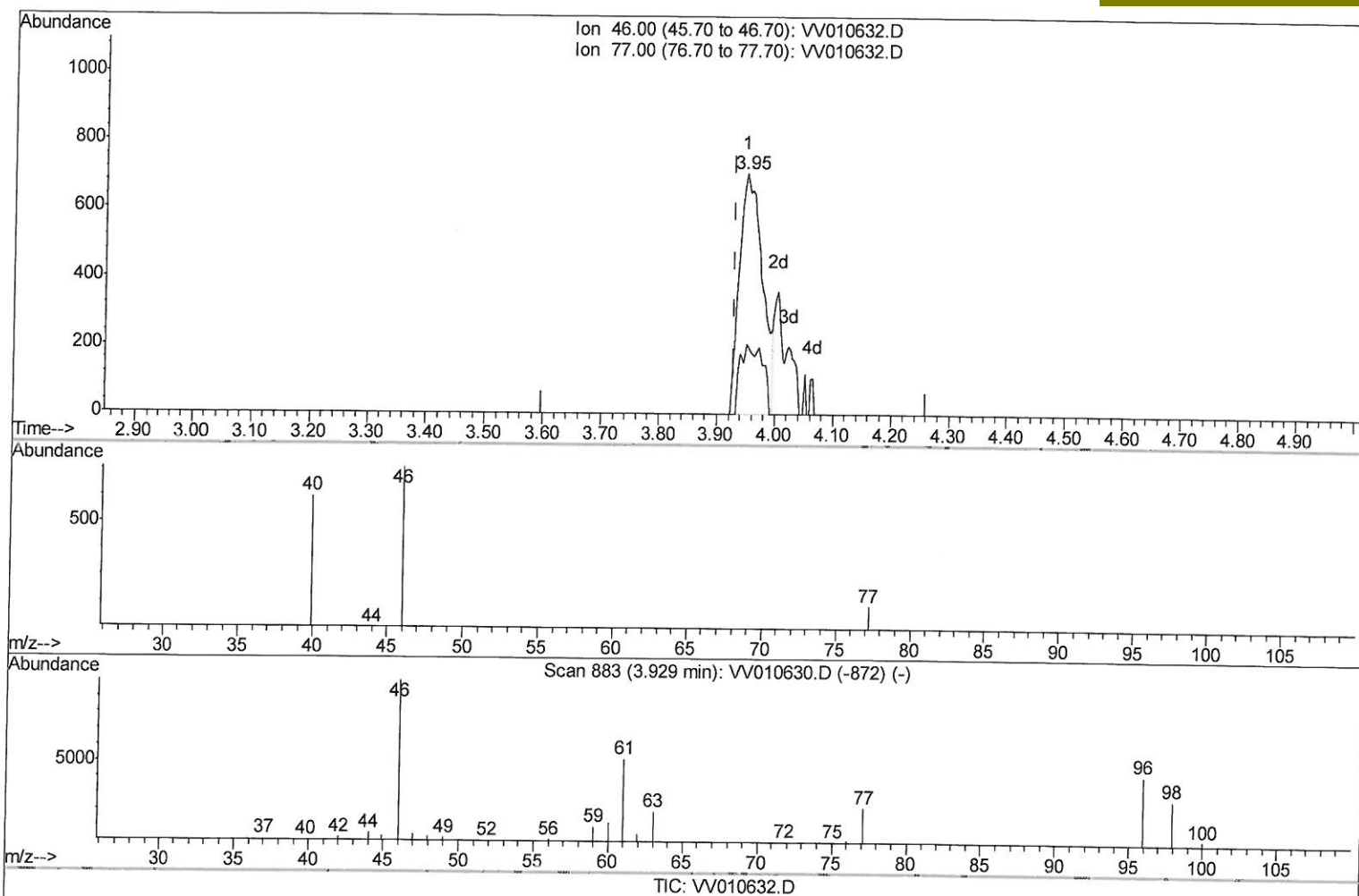
Data File : VV010632.D
Acq On : 02 May 2019 17:00
Operator : SY/MD
Sample : K2603-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
GAJ55

Quant Time: May 03 02:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
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Manual Integrations
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(20) 2-Butanone-d5 (S)

3.949min (+0.019) 41.20ug/L m

05/06/19 SY

response 1927

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	4.57#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

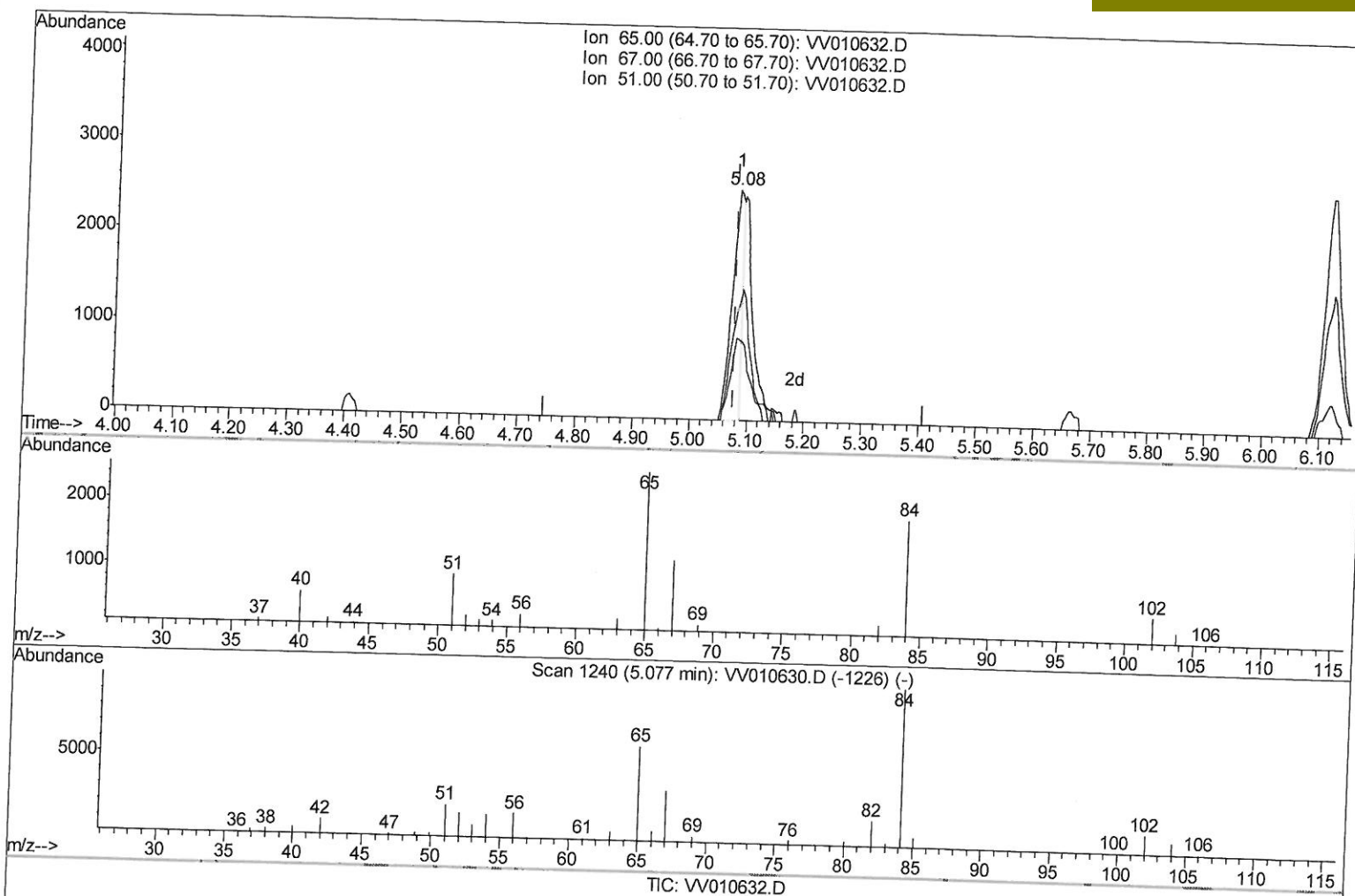
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Acq On : 02 May 2019 17:00
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Sample : K2603-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55

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(26) 1,2-Dichloroethane-d4 (S)

5.081min (+0.003) 17.04ug/L

response 3063

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	101.37#
51.00	36.50	67.29#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Quantitation Report (Qedit)

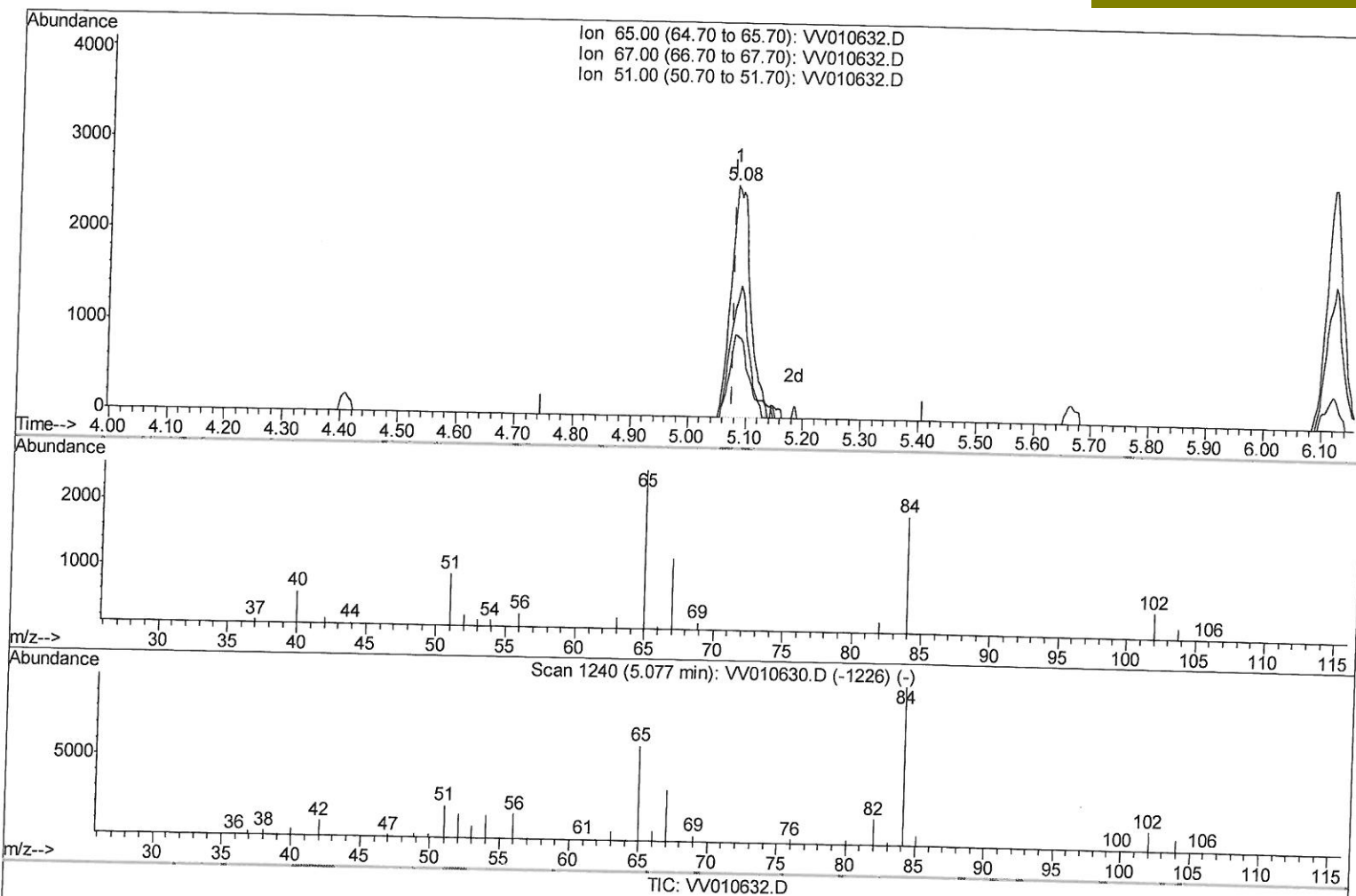
Data File : VV010632.D
Acq On : 02 May 2019 17:00
Operator : SY/MD
Sample : K2603-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55

Quant Time: May 03 02:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
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Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:53:31 AM



(26) 1,2-Dichloroethane-d4 (S)

5.081min (+0.003) 33.37ug/L m

response 5997

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	51.78
51.00	36.50	34.37
0.00	0.00	0.00

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sample ID :
 GAJ55

Quant Time: May 03 02:36:30 2019
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 QLast Update : Fri May 03 02:22:17 2019
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Manual Integrations
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Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene		5.67	114	12141	25.00	ug/L	0.00
28) Chlorobenzene-d5		8.90	117	14660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4		11.30	152	5527	25.00	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.32	65	963	6.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.08%#	
7) Chloroethane-d5		1.58	69	1500	13.94	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.76%	
10) 1,1-Dichloroethene-d2		2.13	63	2168	8.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.16%#	
20) 2-Butanone-d5		3.95	46	1927m	41.20	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.40%	
24) Chloroform-d		4.40	84	8125	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%	
26) 1,2-Dichloroethane-d4		5.08	65	5997m	33.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.48%#	
29) Benzene-d6		5.10	84	12658	16.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.64%	
33) 1,2-Dichloropropane-d6		6.12	67	5220	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.72%	
37) Toluene-d8		7.37	98	10630	14.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.24%	
38) trans-1,3-Dichloropropene-		7.67	79	1771	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%	
39) 2-Hexanone-d5		8.14	63	1268	30.60	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.20%	
48) 1,1,2,2-Tetrachloroethane-		10.26	84	7550	36.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.00%#	
61) 1,2-Dichlorobenzene-d4		11.68	152	4900	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%	
Target Compounds							
13) Acetone		2.19	43	1582	39.459	ug/L	98

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