

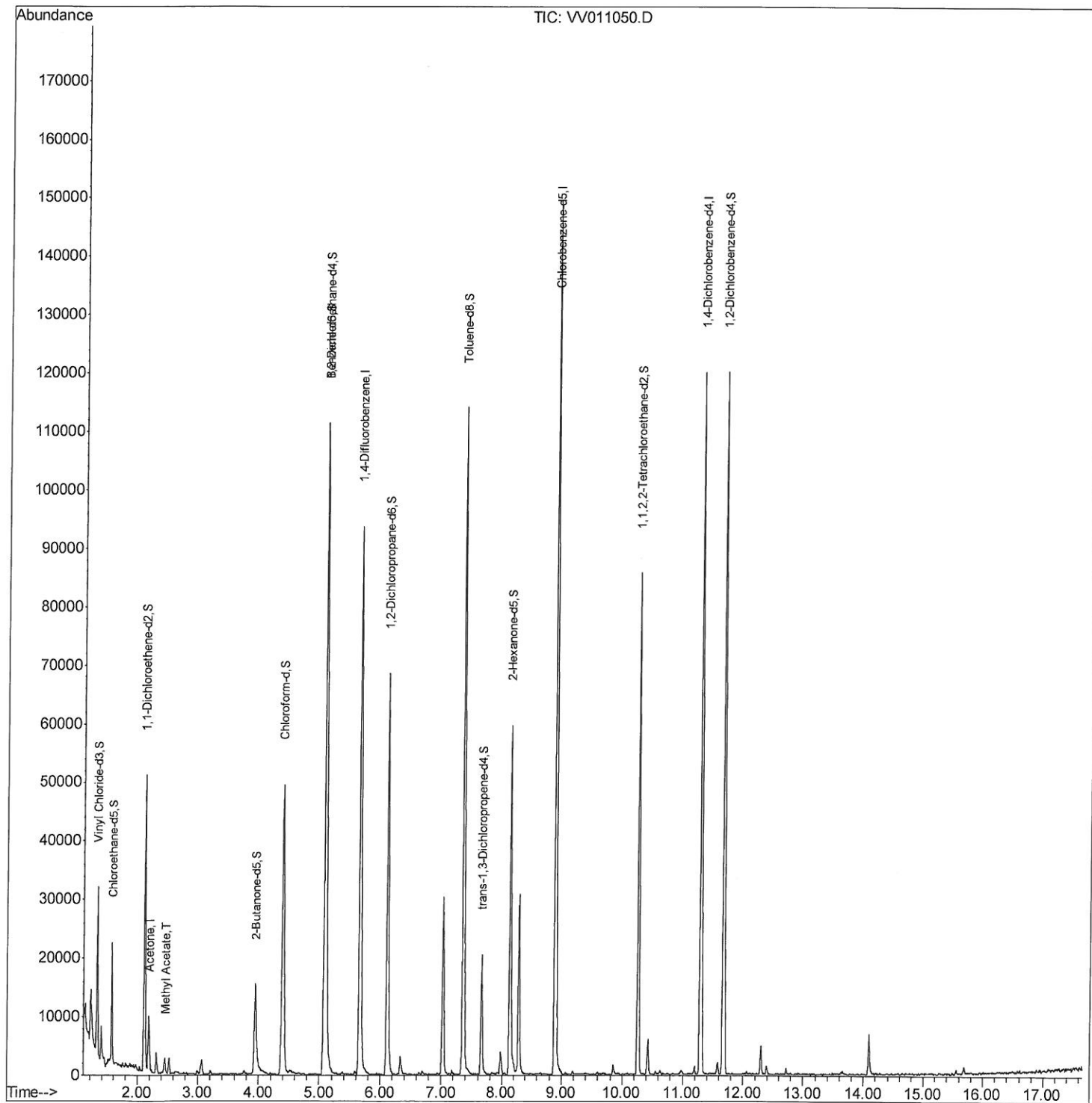
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV052319\
Data File : VV011050.D
Acq On : 24 May 2019 04:07
Operator : SY/MD
Sample : K3016-18
Misc : 5.85G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D5

Manual Integrations
APPROVED

MMDadoda
5/28/2019 2:55:10 AM

Quant Time: May 24 09:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

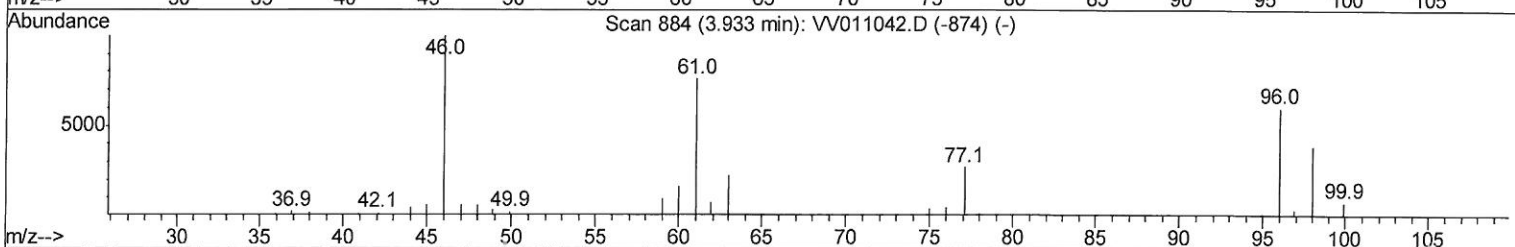
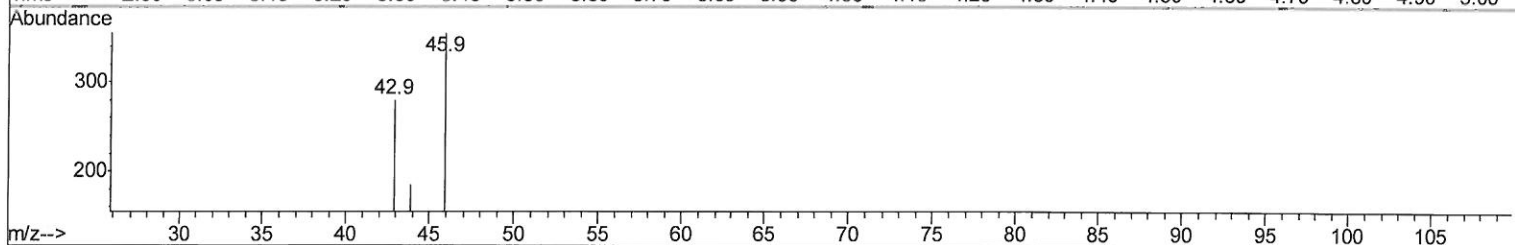
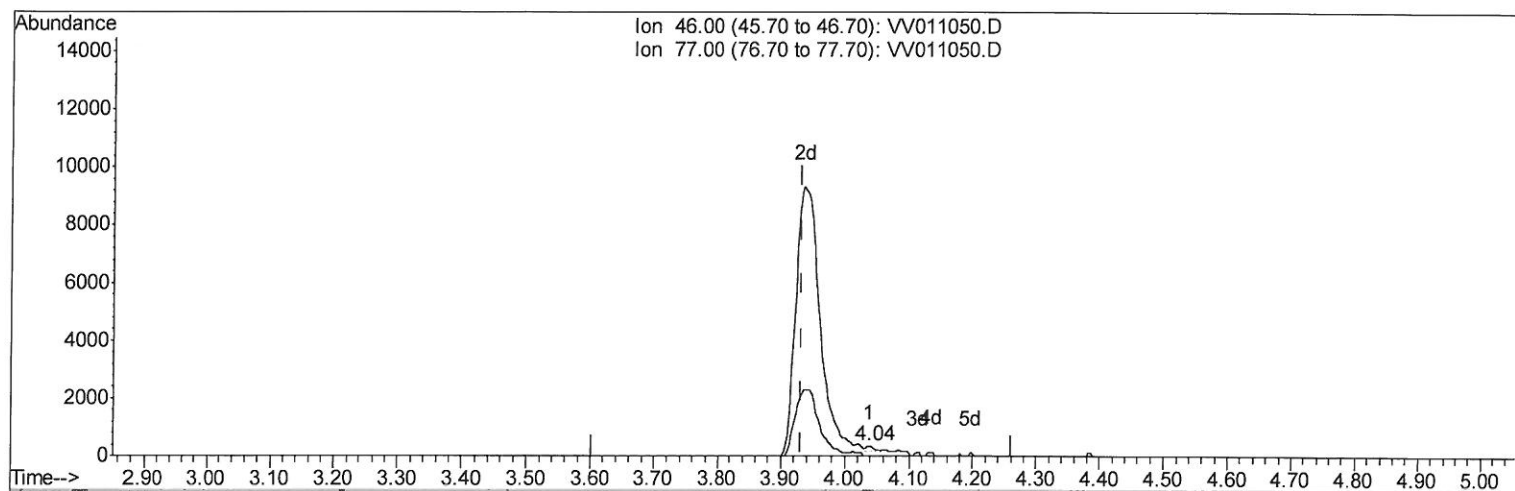
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TIC: VV011050.D

(20) 2-Butanone-d5 (S)
4.039min (+0.106) 0.33ug/L
response 103

Ion	Exp%	Act%
46.00	100	100
77.00	25.00	21.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

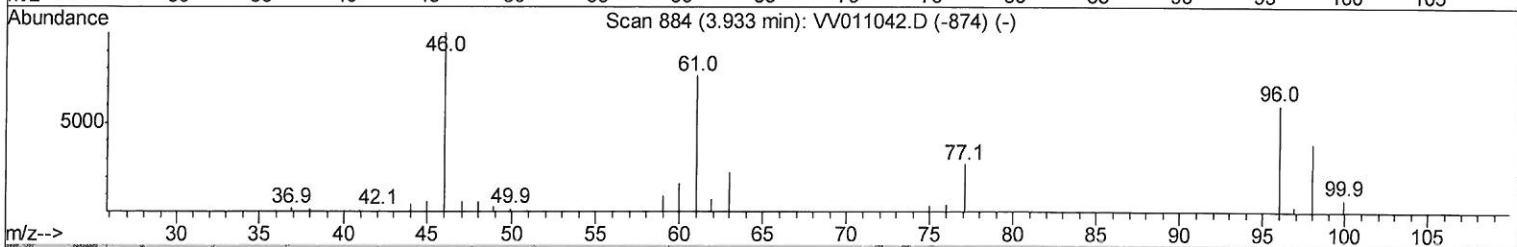
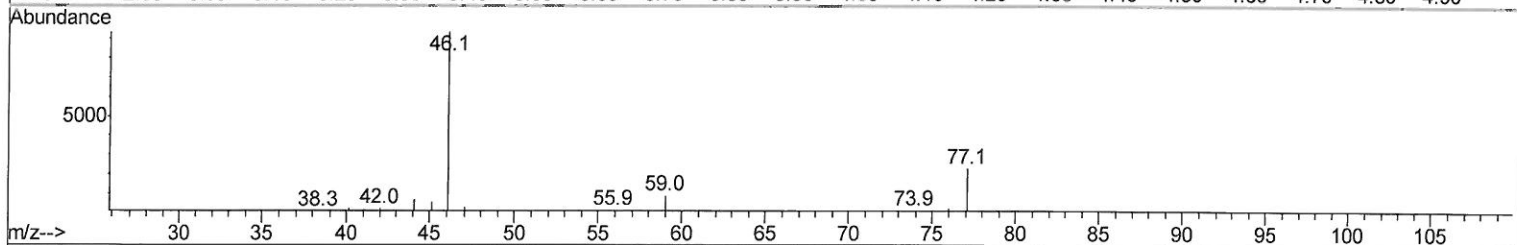
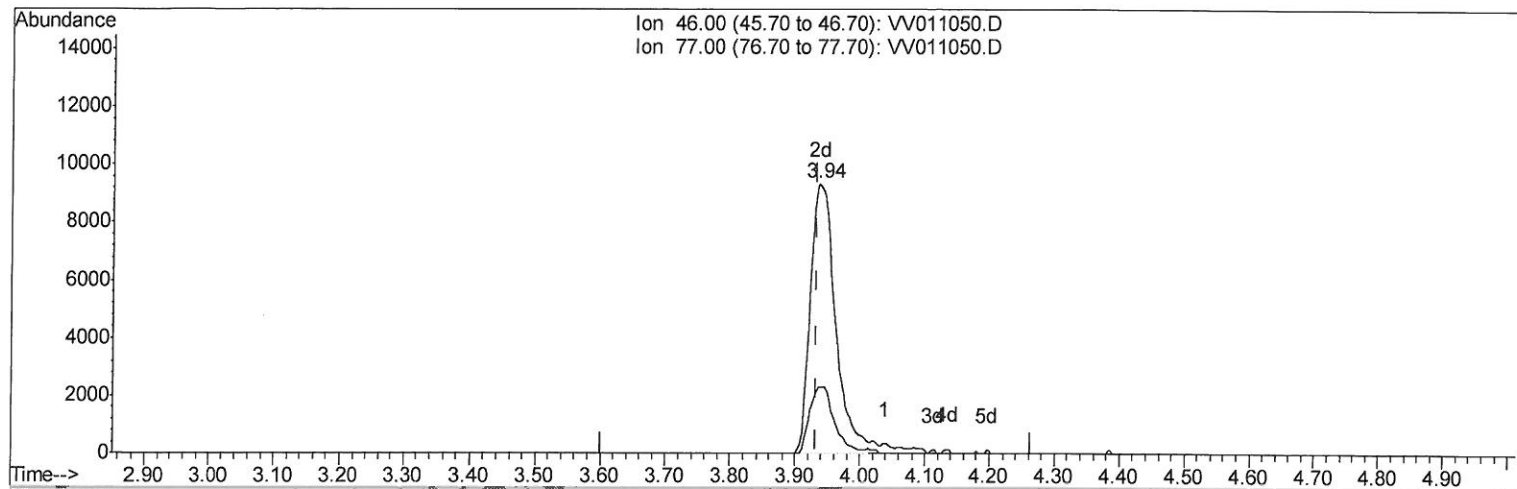
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Manual Integrations
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TIC: VV011050.D

(20) 2-Butanone-d5 (S)

3.936min (+0.003) 78.97ug/L m

> 5/28/19 SY

response 24933

Ion	Exp%	Act%
46.00	100	100
77.00	25.00	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV052319\
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 Acq On : 24 May 2019 04:07
 Operator : SY/MD
 Sample : K3016-18
 Misc : 5.85G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D5

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:55:10 AM

Quant Time: May 24 09:31:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 09:03:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	80261	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15347	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	1.57	69	12987	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
10) 1,1-Dichloroethene-d2	2.12	63	23495	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	3.94	46	24933m	78.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.94%#
24) Chloroform-d	4.40	84	52746	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	5.08	65	31443	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.68%
29) Benzene-d6	5.10	84	97676	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	6.12	67	35017	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	7.36	98	78373	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.24%
38) trans-1,3-Dichloropropene-	7.66	79	11296	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	8.13	63	19081	71.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41746	29.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	30344	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

05/28/19 Sy

Target Compounds				Ovalue
13) Acetone	2.19	43	8238	27.057 ug/L 95
15) Methyl Acetate	2.46	43	2596	4.438 ug/L 93

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