

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\

Data File : VW009758.D

Acq On : 06 Apr 2019 05:41

Operator : SY/VA

Sample : K2188-09

Misc : 5.22G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 07:17:09 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 06 05:36:42 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

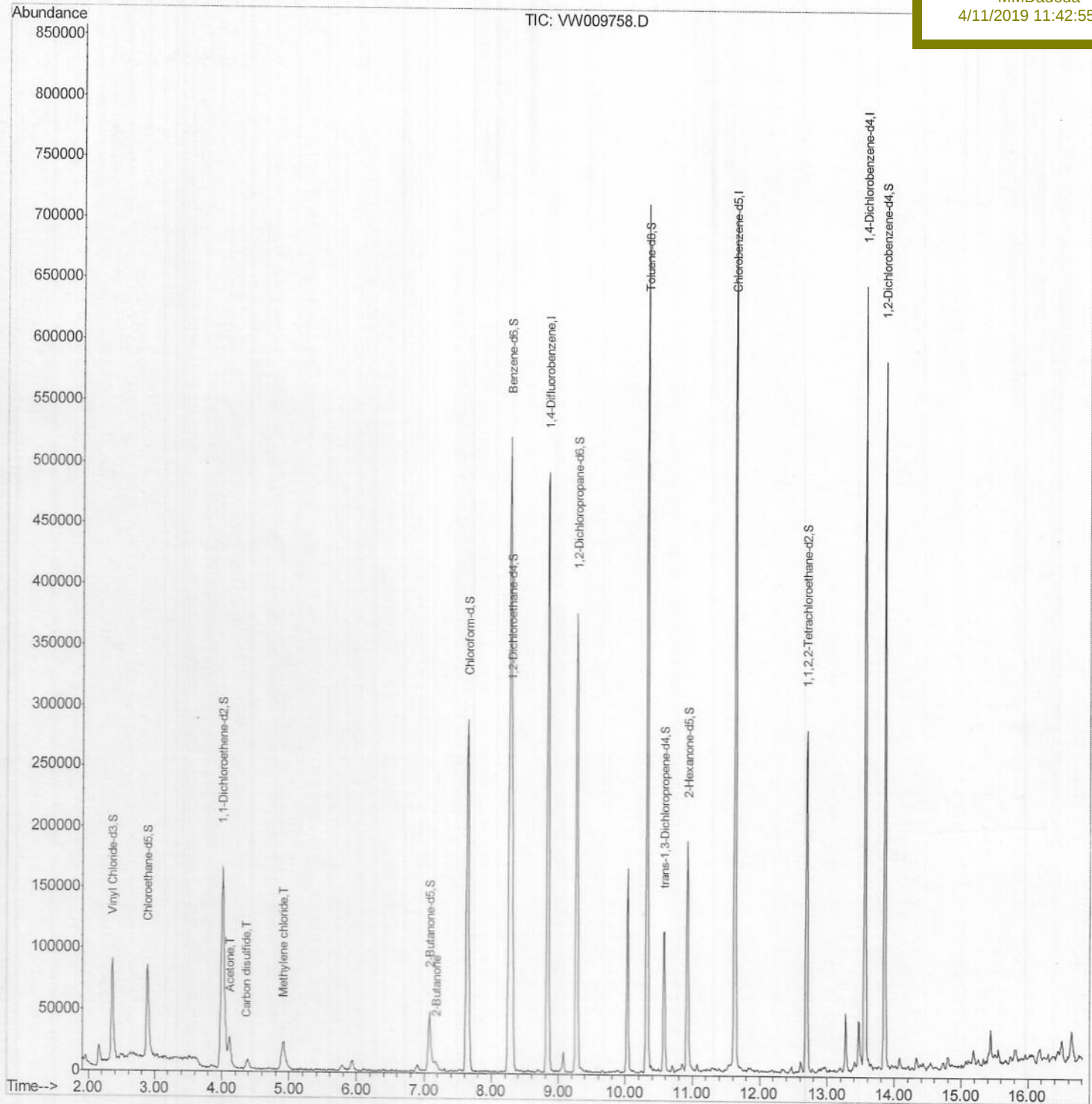
BF653

Manual Integrations

APPROVED

MMDadoda

4/11/2019 11:42:55 AM



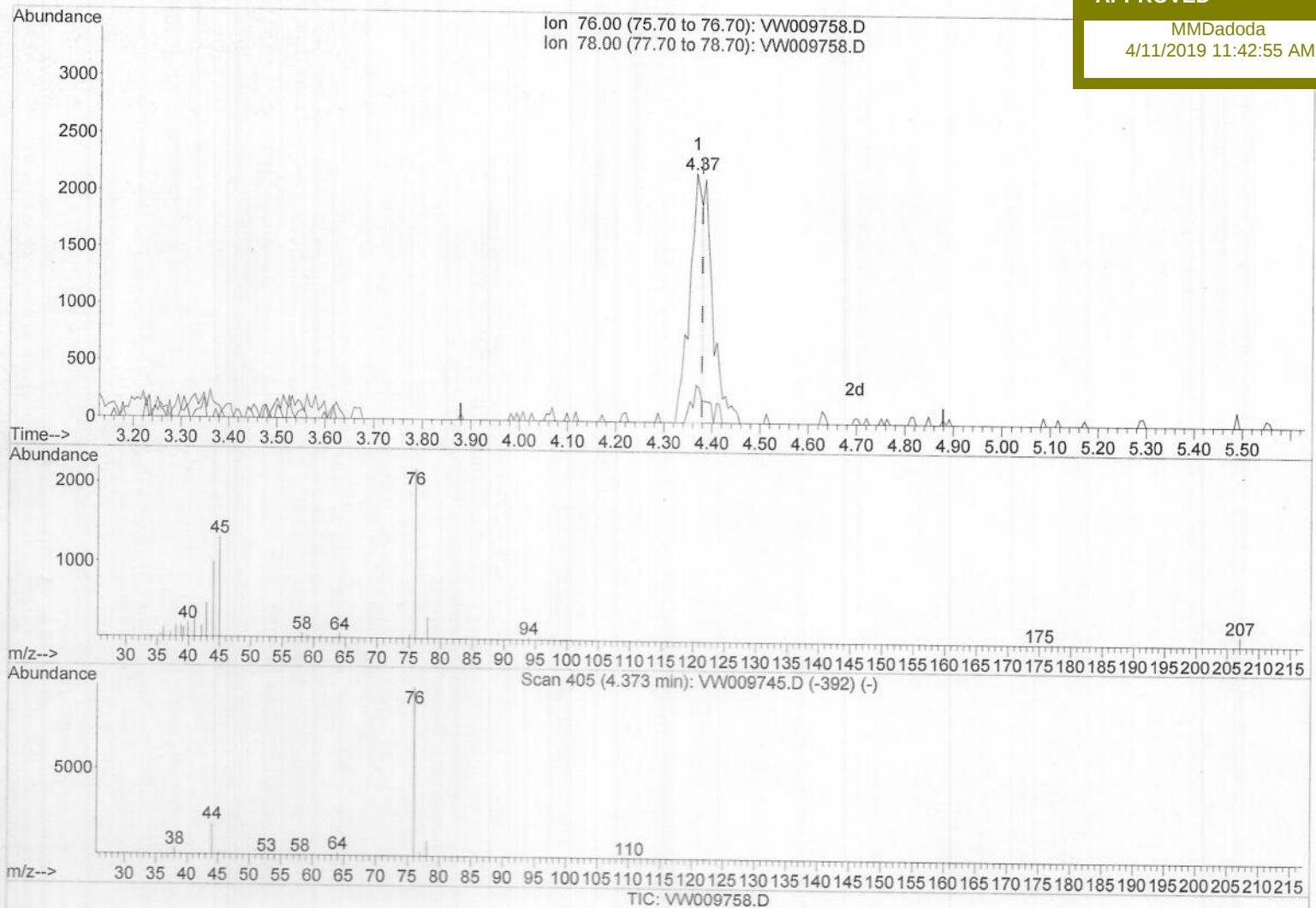
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Operator : SY/VA
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Quant Time: Apr 06 07:10:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

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Manual Integrations
APPROVED

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4/11/2019 11:42:55 AM



(14) Carbon disulfide (T)

4.367min (-0.012) 0.26ug/L

response 4134

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	14.90#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

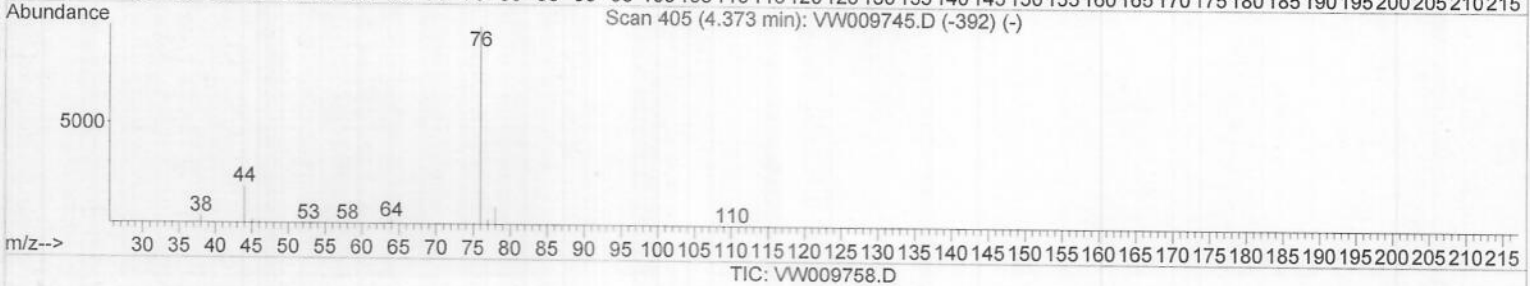
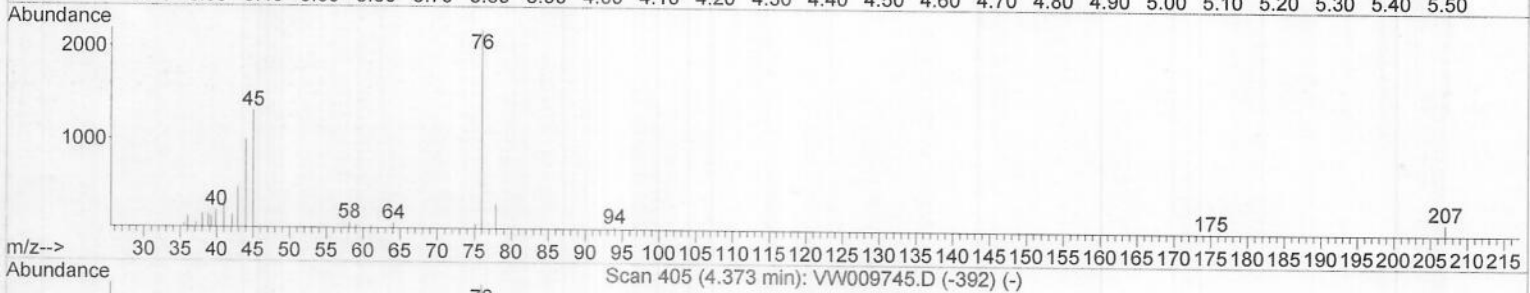
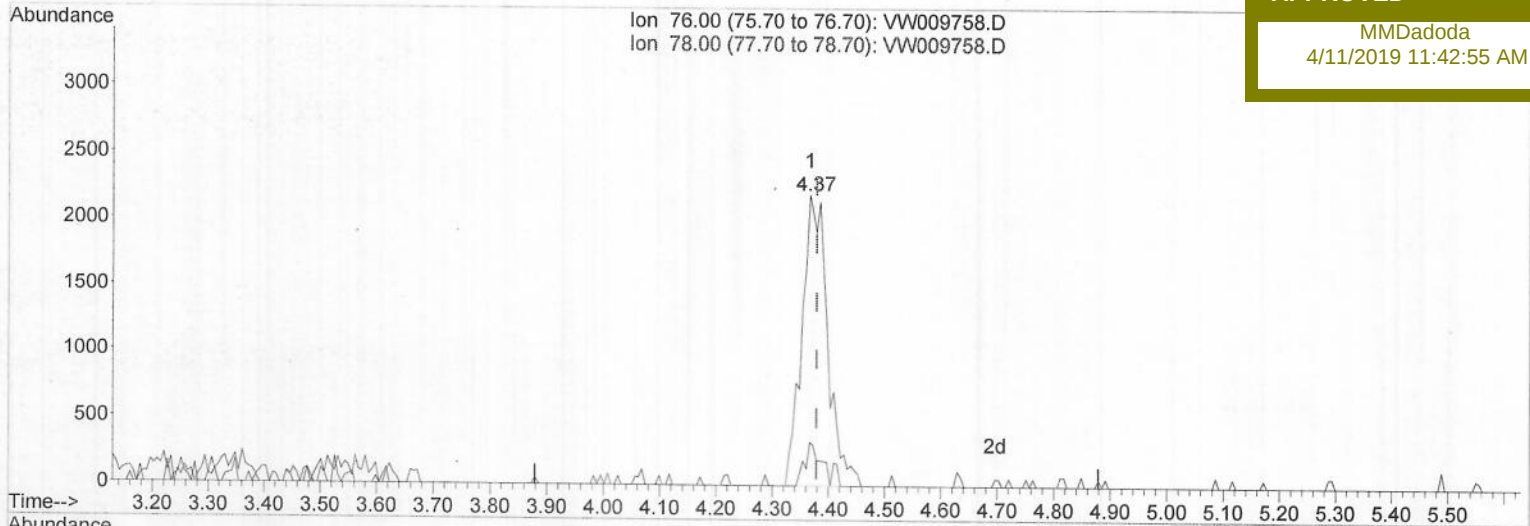
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_W
 ClientSampleId :
 BF653

Manual Integrations
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 4/11/2019 11:42:55 AM



(14) Carbon disulfide (T)

4.367min (-0.012) 0.44ug/L m

response 6942

Handwritten: } M.D.
 04/12/19

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	14.90#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009758.D
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 Operator : SY/VA
 Sample : K2188-09
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 07:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_W
 Client Sampled :
 BF653

Manual Integrations
 APPROVED

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 4/11/2019 11:42:55 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	382662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367252	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116133	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.89	69	110377	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	4.01	63	197599	18.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.08	46	79212	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.65	84	262180	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	171109	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.27	84	502794	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.27	67	158613	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.56%
37) Toluene-d8	10.32	98	436920	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	10.58	79	58038	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.76%
39) 2-Hexanone-d5	10.93	63	51624	46.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123078	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	138000	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	42875	24.613	ug/L	96
14) Carbon disulfide	4.37	76	6942m	0.439	ug/L	92
16) Methylene chloride	4.91	84	18857	2.794	ug/L	92
21) 2-Butanone	7.17	43	11163	5.039	ug/L	77

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