

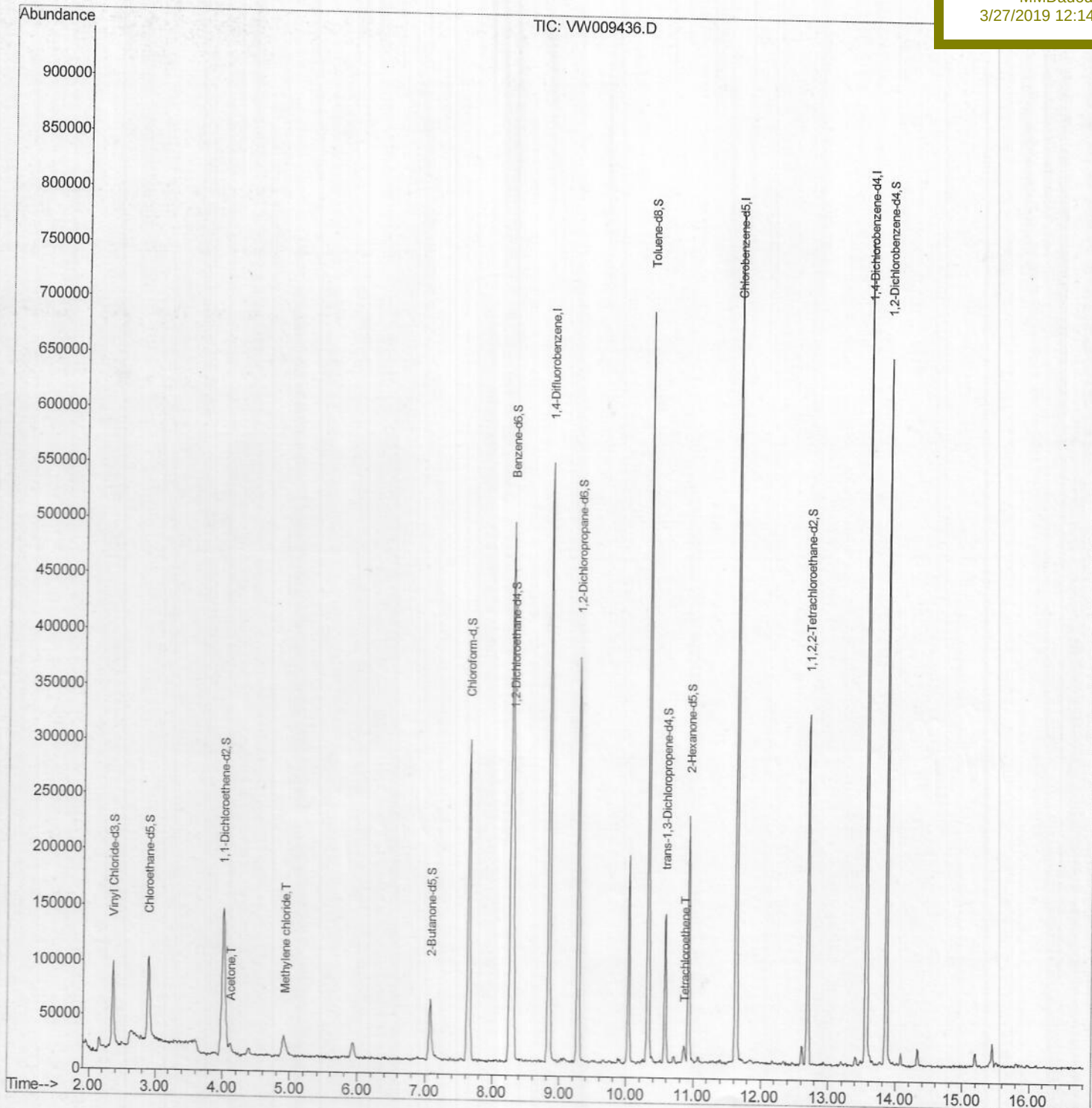
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009436.D
Acq On : 25 Mar 2019 19:24
Operator : SY/VA
Sample : K2044-02
Misc : 5.75G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 09:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
BF5T2

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:14:35 PM



Quantitation Report (Qedit)

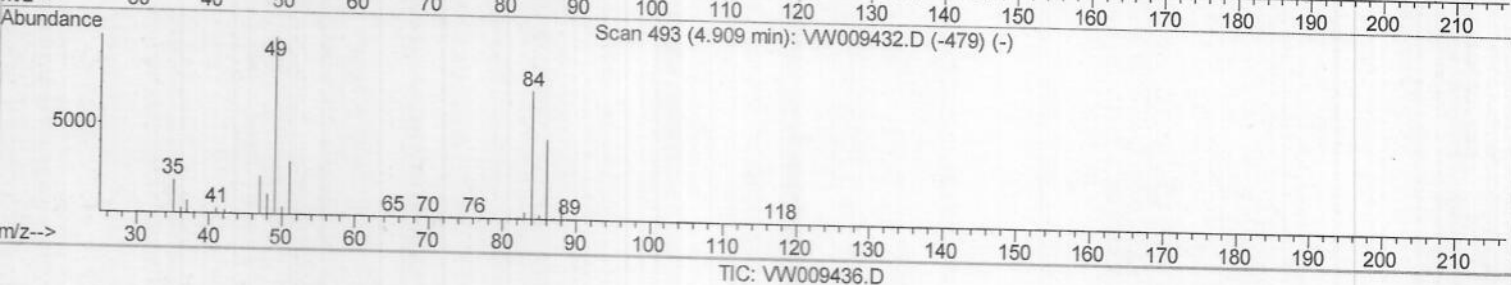
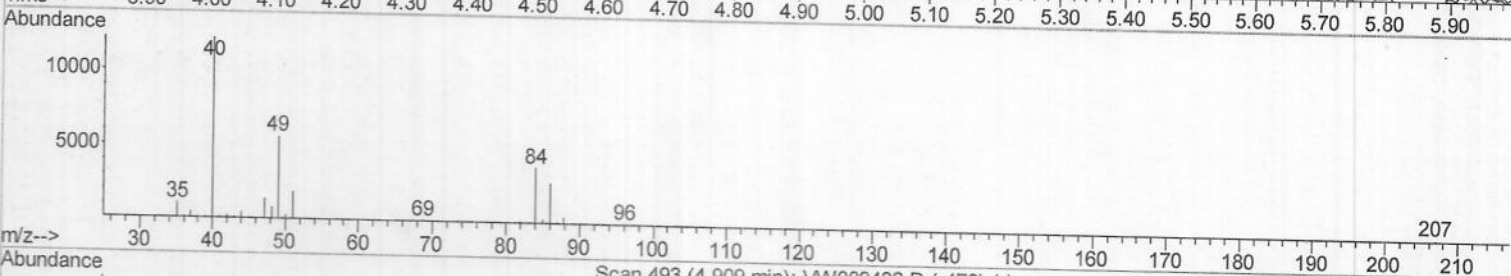
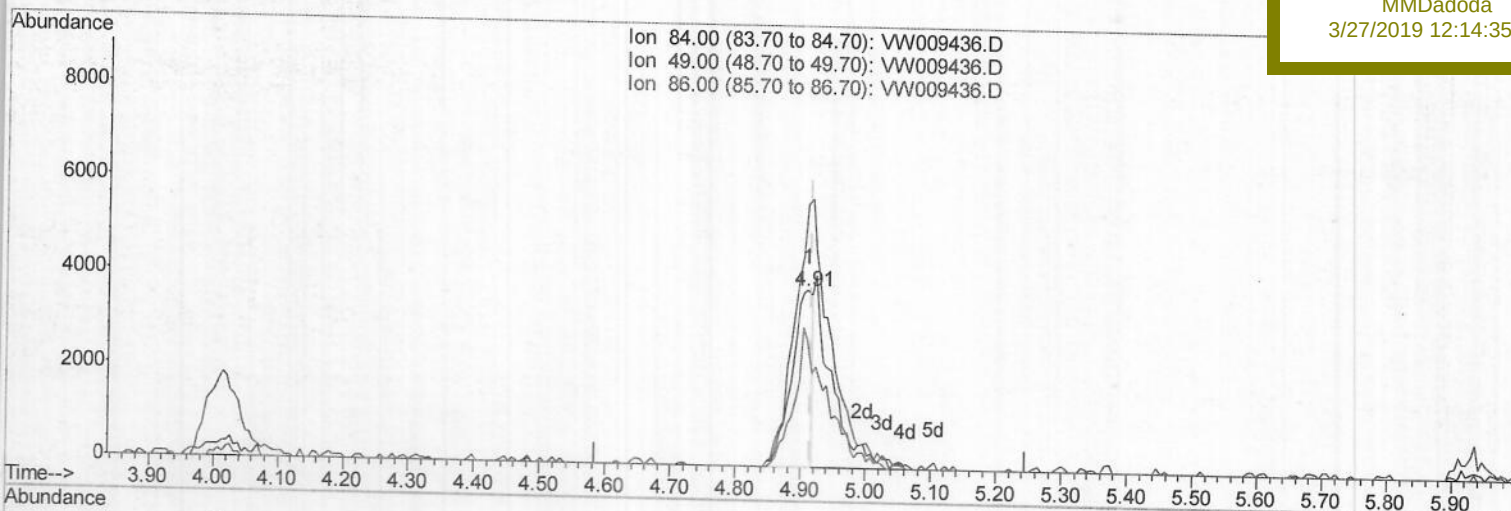
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009436.D
 Acq On : 25 Mar 2019 19:24
 Operator : SY/VA
 Sample : K2044-02
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BF5T2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:35 PM

Quant Time: Mar 26 09:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration



(16) Methylene chloride (T)

4.909min (-0.006) 1.36ug/L

response 8376

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	147.32
86.00	63.50	72.12
0.00	0.00	0.00

Quantitation Report (Qedit)

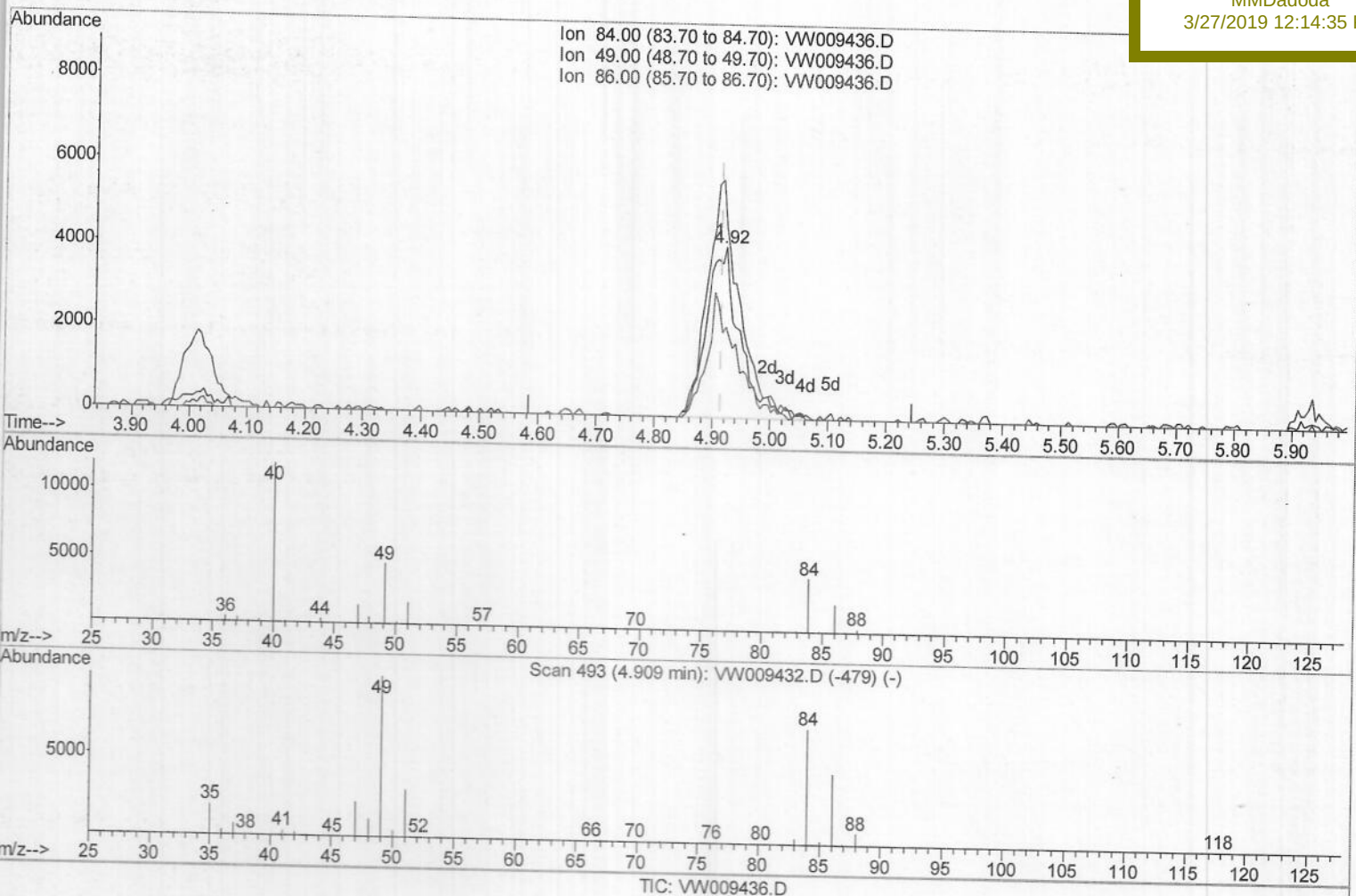
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009436.D
 Acq On : 25 Mar 2019 19:24
 Operator : SY/VA
 Sample : K2044-02
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5T2

Quant Time: Mar 26 09:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:35 PM



(16) Methylene chloride (T)

4.922min (+0.006) 2.69ug/L m

response 16587

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	112.19
86.00	63.50	52.29
0.00	0.00	0.00

MD
 4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\

Data File : VW009436.D

Acq On : 25 Mar 2019 19:24

Operator : SY/VA

Sample : K2044-02

Misc : 5.75G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 09:24:47 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Tue Mar 26 09:00:24 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

BF5T2

Manual Integrations
APPROVEDMMDadoda
3/27/2019 12:14:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	422397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182118	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98072	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	2.89	69	107730	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.01	63	165741	15.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.76%
20) 2-Butanone-d5	7.07	46	93856	44.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.92%
24) Chloroform-d	7.65	84	265896	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	8.31	65	163397	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	475281	21.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.44%
33) 1,2-Dichloropropane-d6	9.27	67	155494	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	10.32	98	414722	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.60%
38) trans-1,3-Dichloropropene-	10.58	79	64973	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	67088	41.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142833	21.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	161571	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds

					Ovalue	
13) Acetone	4.11	43	14586	8.521	ug/L	68
16) Methylene chloride	4.92	84	16587m	2.693	ug/L	
47) Tetrachloroethene	10.87	164	2939	0.591	ug/L	78

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

m.D
2/6/19