

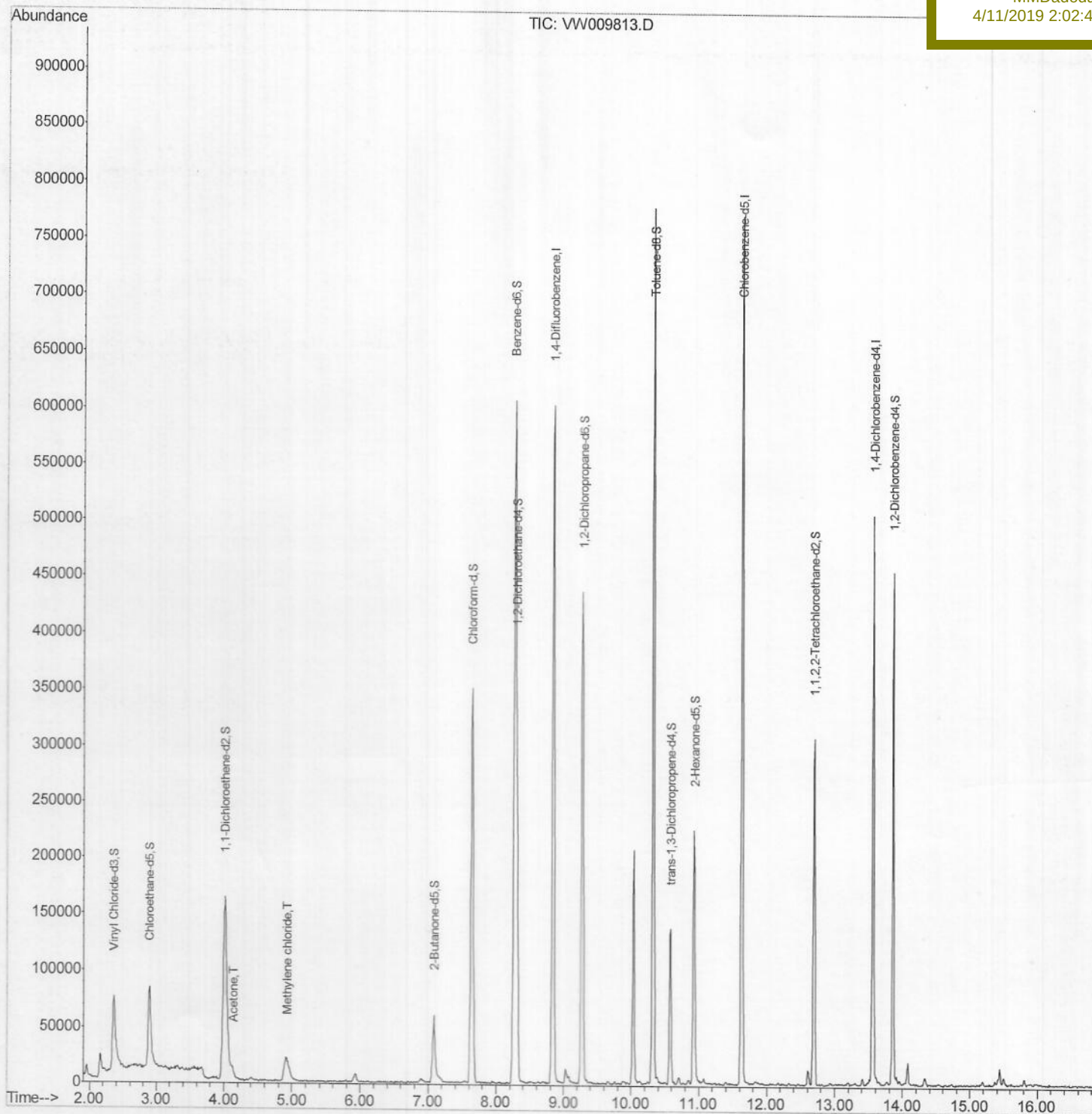
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009813.D
Acq On : 08 Apr 2019 21:16
Operator : SY/VA
Sample : K2259-22RE
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 05:42:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:37:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
ETJ39RE

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:02:40 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009813.D

Acq On : 08 Apr 2019 21:16

Operator : SY/VA

Sample : K2259-22RE

Misc : 4.93G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 03:25:06 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:37:30 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

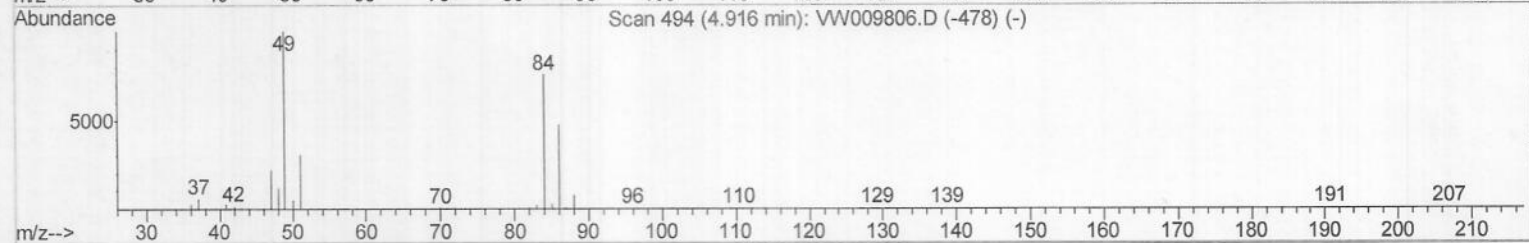
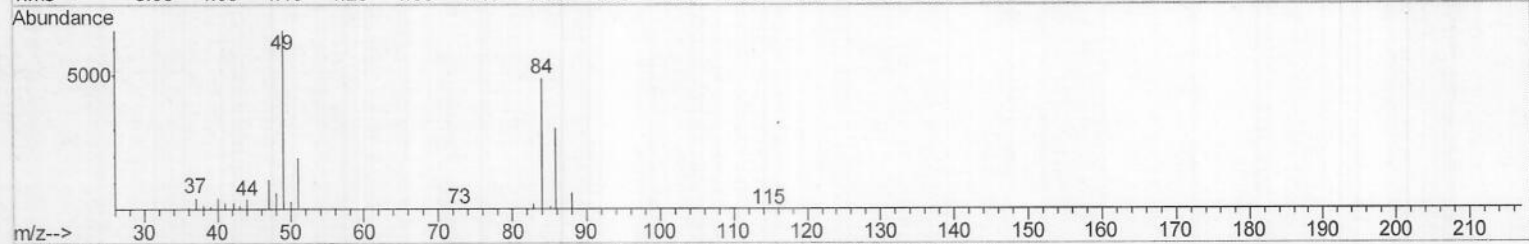
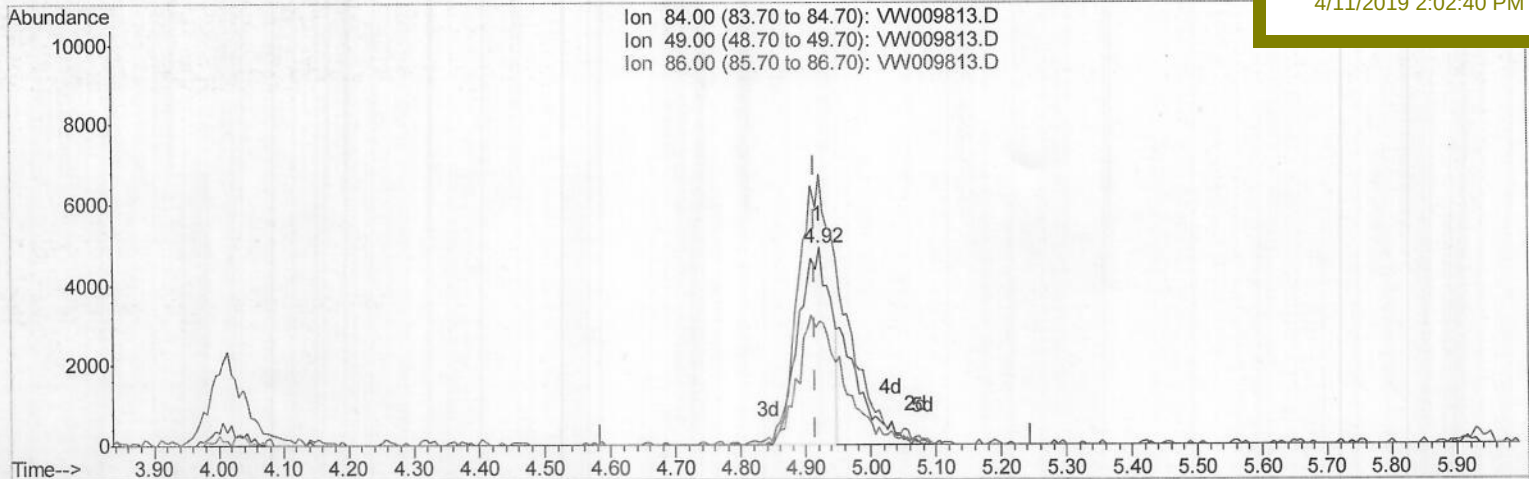
ETJ39RE

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:02:40 PM



TIC: VW009813.D

(16) Methylene chloride (T)

4.922min (+0.006) 2.07ug/L

response 16784

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	137.03
86.00	66.30	63.05
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009813.D

Acq On : 08 Apr 2019 21:16

Operator : SY/VA

Sample : K2259-22RE

Misc : 4.93G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 03:25:06 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:37:30 2019

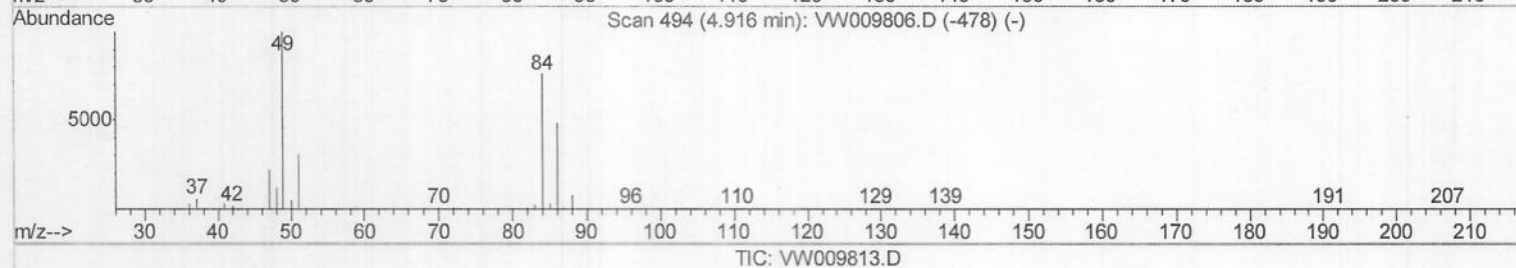
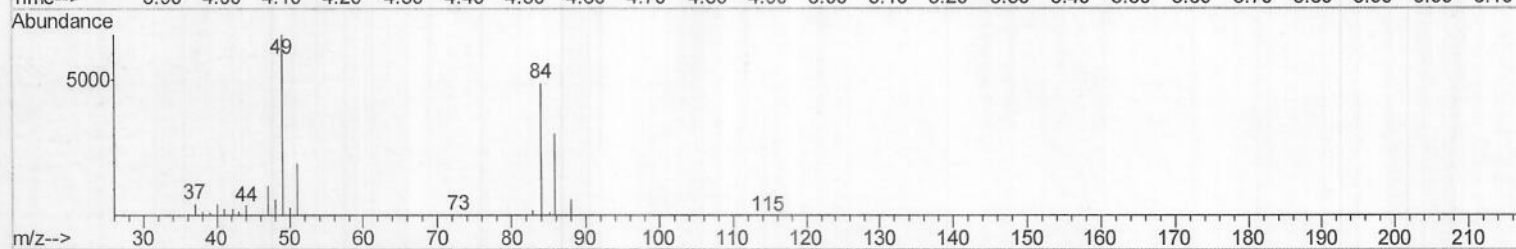
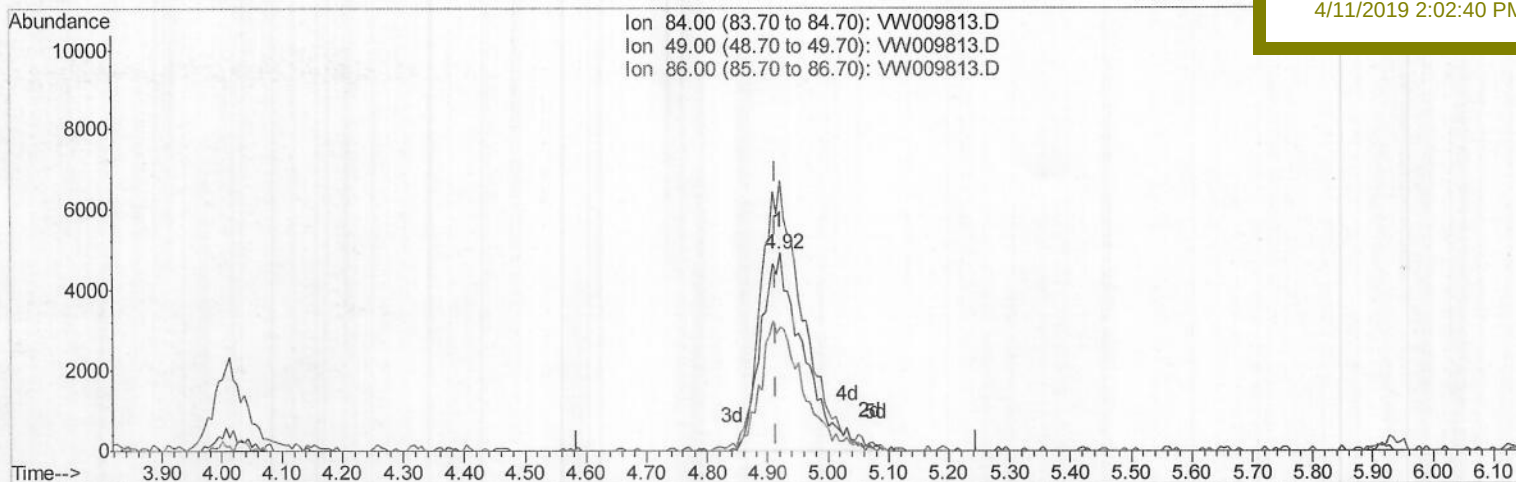
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

ETJ39RE

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:02:40 PM

(16) Methylene chloride (T)

4.922min (+0.006) 2.98ug/L m

response 24156

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	137.03
86.00	66.30	63.05
0.00	0.00	0.00

3 M.D.
04/11/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009813.D

Acq On : 08 Apr 2019 21:16

Operator : SY/VA

Sample : K2259-22RE

Misc : 4.93G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 05:42:20 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:37:30 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

ETJ39RE

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:02:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	459805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119223	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135634	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.16%		
7) Chloroethane-d5	2.89	69	122629	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.00%		
10) 1,1-Dichloroethene-d2	4.01	63	231062	17.86	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.44%		
20) 2-Butanone-d5	7.08	46	94473	48.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.72%		
24) Chloroform-d	7.64	84	318408	25.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.52%		
26) 1,2-Dichloroethane-d4	8.30	65	197447	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.52%		
29) Benzene-d6	8.27	84	580330	28.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.24%		
33) 1,2-Dichloropropane-d6	9.27	67	180287	28.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.88%		
37) Toluene-d8	10.32	98	481094	25.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.64%		
38) trans-1,3-Dichloropropene-	10.58	79	67352	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.44%		
39) 2-Hexanone-d5	10.93	63	59315	49.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.52%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136689	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.08%		
61) 1,2-Dichlorobenzene-d4	13.85	152	110492	26.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.64%		

Target Compounds

					Qvalue
13) Acetone	4.12	43	16371	7.821 ug/L	96
16) Methylene chloride	4.92	84	24156m	2.979 ug/L	

M.D.
04/11/19

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