

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062218\

Data File : VW003436.D

Acq On : 22 Jun 2018 19:55

Operator : SY/AP

Sample : VSTDCCC025EC

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 03:55:43 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Sat Jun 23 02:14:03 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

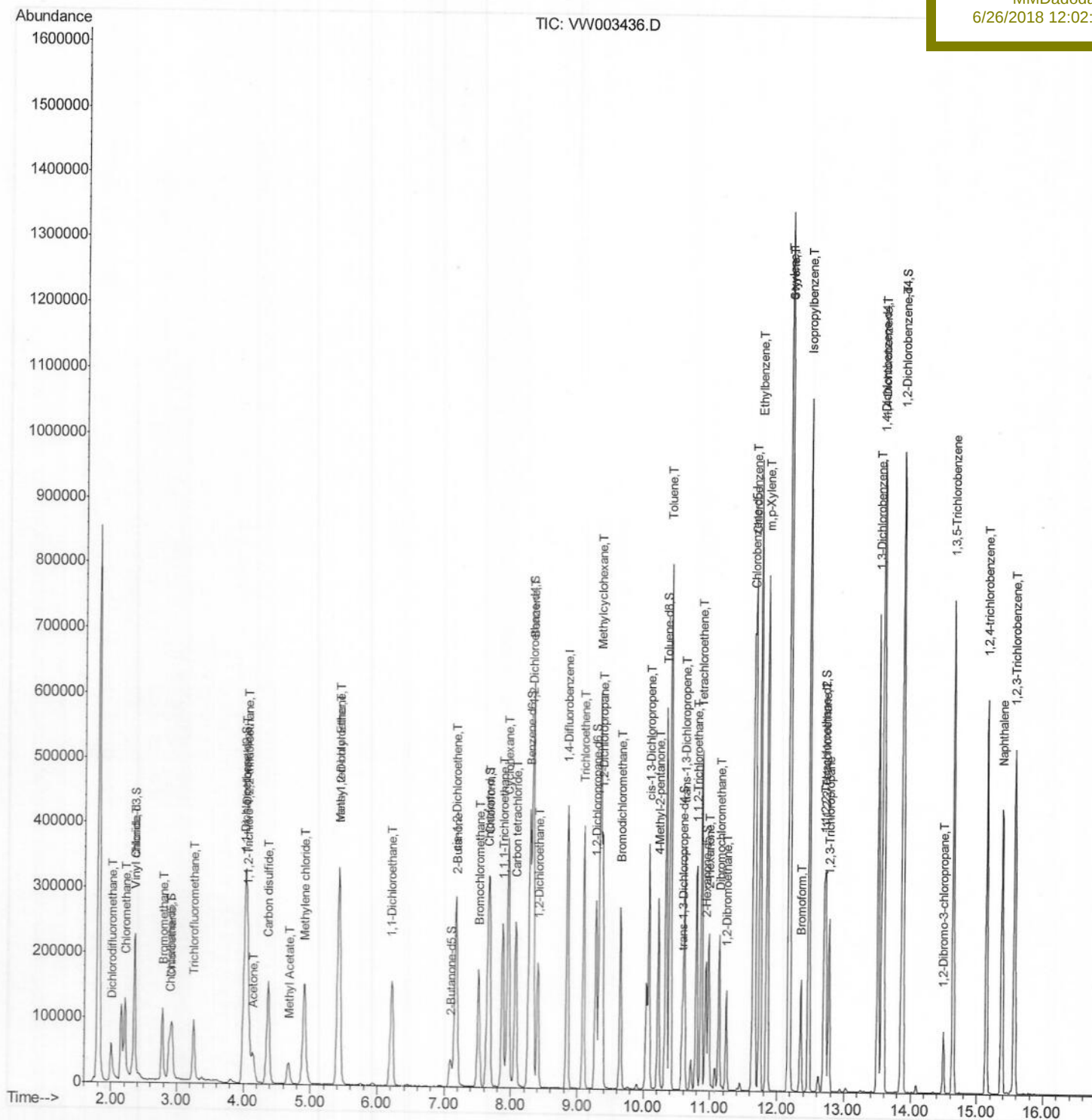
LabSampleId :

VSTD02598

Manual Integrations
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6/26/2018 12:02:44 PM



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Quant Time: Jul 04 04:03:35 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Wed Jun 27 01:37:29 2018

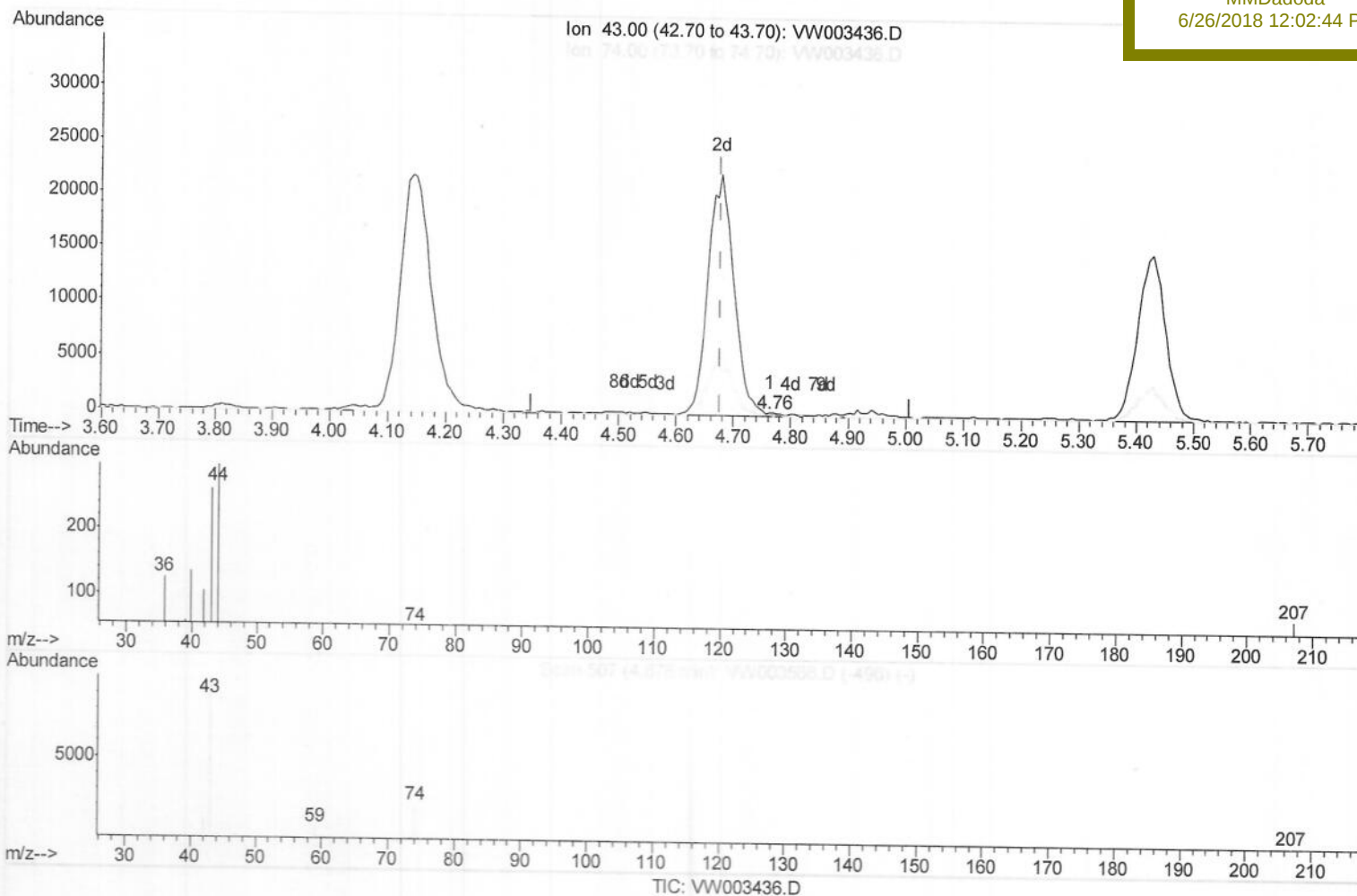
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(15) Methyl Acetate (T)

4.763min (+0.085) 0.08ug/L

response 207

Ion	Exp%	Act%
43.00	100	100
74.00	21.90	23.67
0.00	0.00	0.00
0.00	0.00	0.00

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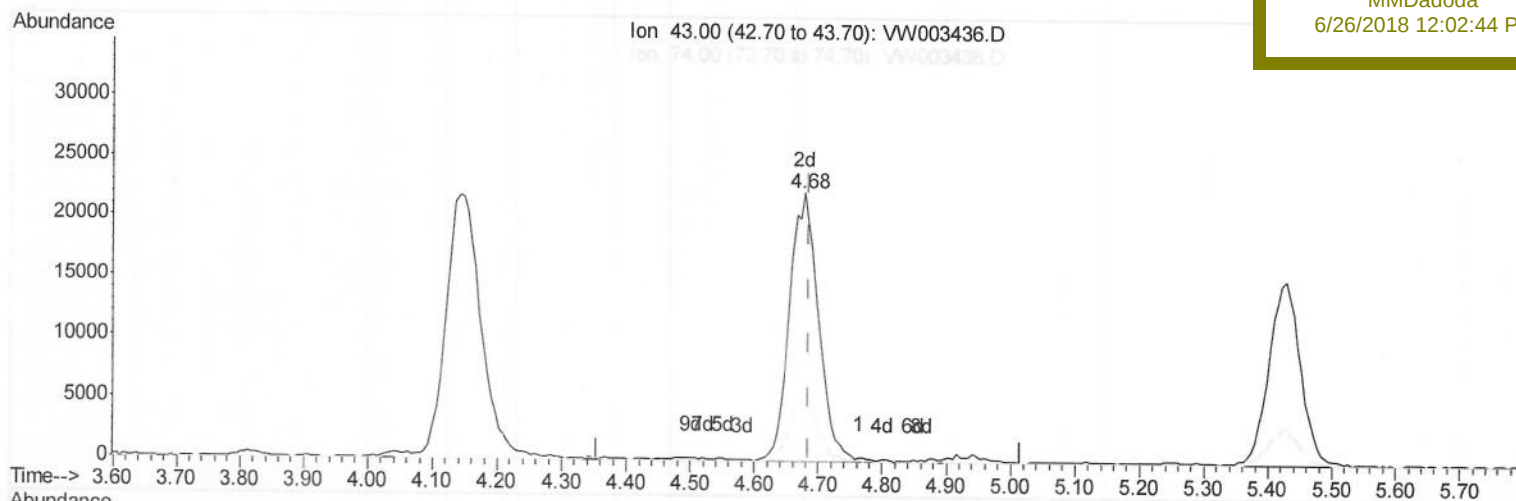
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(15) Methyl Acetate (T)

4.678min (-0.006) 26.29ug/L m

response 69836

Ion	Exp%	Act%
43.00	100	100
74.00	21.90	0.07#
0.00	0.00	0.00
0.00	0.00	0.00

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06/30/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355838	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338256	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	177606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95030	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	78.76%	
7) Chloroethane-d5	2.89	69	83275	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	82.72%	
10) 1,1-Dichloroethene-d2	4.01	63	212235	22.15	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	88.60%	
20) 2-Butanone-d5	7.09	46	76933	50.59	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	101.18%	
24) Chloroform-d	7.65	84	220786	23.59	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	94.36%	
26) 1,2-Dichloroethane-d4	8.31	65	133634	24.03	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	96.12%	
29) Benzene-d6	8.27	84	401003	22.34	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	89.36%	
33) 1,2-Dichloropropane-d6	9.27	67	131466	23.14	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	92.56%	
37) Toluene-d8	10.33	98	381549	22.23	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	88.92%	
38) trans-1,3-Dichloropropene-	10.58	79	59680	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	89.52%	
39) 2-Hexanone-d5	10.93	63	60685	52.26	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	104.52%	
48) 1,1,2,2-Tetrachloroethane-	12.70	84	133432	25.24	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	100.96%	
61) 1,2-Dichlorobenzene-d4	13.87	152	151410	22.57	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	76589	39.187	ug/L	# 83
3) Chloromethane	2.21	50	102233	24.349	ug/L	99
5) Vinyl chloride	2.36	62	154487	25.424	ug/L	96
6) Bromomethane	2.78	94	83066	23.494	ug/L	100
8) Chloroethane	2.92	64	89884	24.276	ug/L	98
9) Trichlorofluoromethane	3.25	101	96394	27.657	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	121860	25.895	ug/L	97
12) 1,1-Dichloroethene	4.03	96	117388	26.391	ug/L	95
13) Acetone	4.14	43	80847	49.877	ug/L	98
14) Carbon disulfide	4.37	76	361016	25.157	ug/L	100
15) Methyl Acetate	4.68	43	69836m	26.286	ug/L	
16) Methylene chloride	4.91	84	126113	25.721	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	220075	26.816	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	120255	25.947	ug/L	97
19) 1,1-Dichloroethane	6.21	63	232190	26.846	ug/L	99
21) 2-Butanone	7.18	43	96676	50.755	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	131148	26.627	ug/L	97

) MP
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	61215	26.866	ug/L	99
25) Chloroform	7.68	83	243745	27.412	ug/L	99
27) 1,2-Dichloroethane	8.40	62	175316	27.226	ug/L	100
30) Cyclohexane	7.95	56	207949	26.628	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	192711	25.932	ug/L	99
32) Carbon tetrachloride	8.07	117	183689	25.585	ug/L	100
34) Benzene	8.32	78	516409	26.772	ug/L	100
35) Trichloroethene	9.09	95	136418	26.240	ug/L	98
36) Methylcyclohexane	9.34	83	235422	26.526	ug/L	100
40) 1,2-Dichloropropane	9.37	63	138680	27.321	ug/L	99
41) Bromodichloromethane	9.65	83	173859	26.648	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	203807	26.904	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	198073	54.620	ug/L	99
44) Toluene	10.39	91	569917	27.244	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	186357	27.185	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	103258	27.249	ug/L	97
47) Tetrachloroethene	10.87	164	112527	25.757	ug/L	98
49) 2-Hexanone	10.98	43	153331	56.740	ug/L	99
50) Dibromochloromethane	11.13	129	123050	26.674	ug/L	96
51) 1,2-Dibromoethane	11.24	107	100374	26.656	ug/L	99
52) Chlorobenzene	11.66	112	363469	26.757	ug/L	99
53) Ethylbenzene	11.74	91	647081	27.578	ug/L	99
54) m,p-Xylene	11.85	106	242173	27.789	ug/L	98
55) o-xylene	12.17	106	230759	27.838	ug/L	97
56) Styrene	12.19	104	405589	28.340	ug/L	99
57) Isopropylbenzene	12.47	105	644060	28.003	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	137565	27.538	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	106089	27.711	ug/L	98
62) Bromoform	12.35	173	76428	25.569	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	284351	26.039	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	298662	26.086	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	275444	26.419	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	23423	25.599	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	228106	26.881	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	186003	26.925	ug/L	97
69) Naphthalene	15.38	128	359414	27.807	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	176471	27.873	ug/L	99

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