

Data File : VW003381.D

Acq On : 21 Jun 2018 11:32

Operator : SY/AP

Sample : J3619-23

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

Client Sampled :

DAZ56

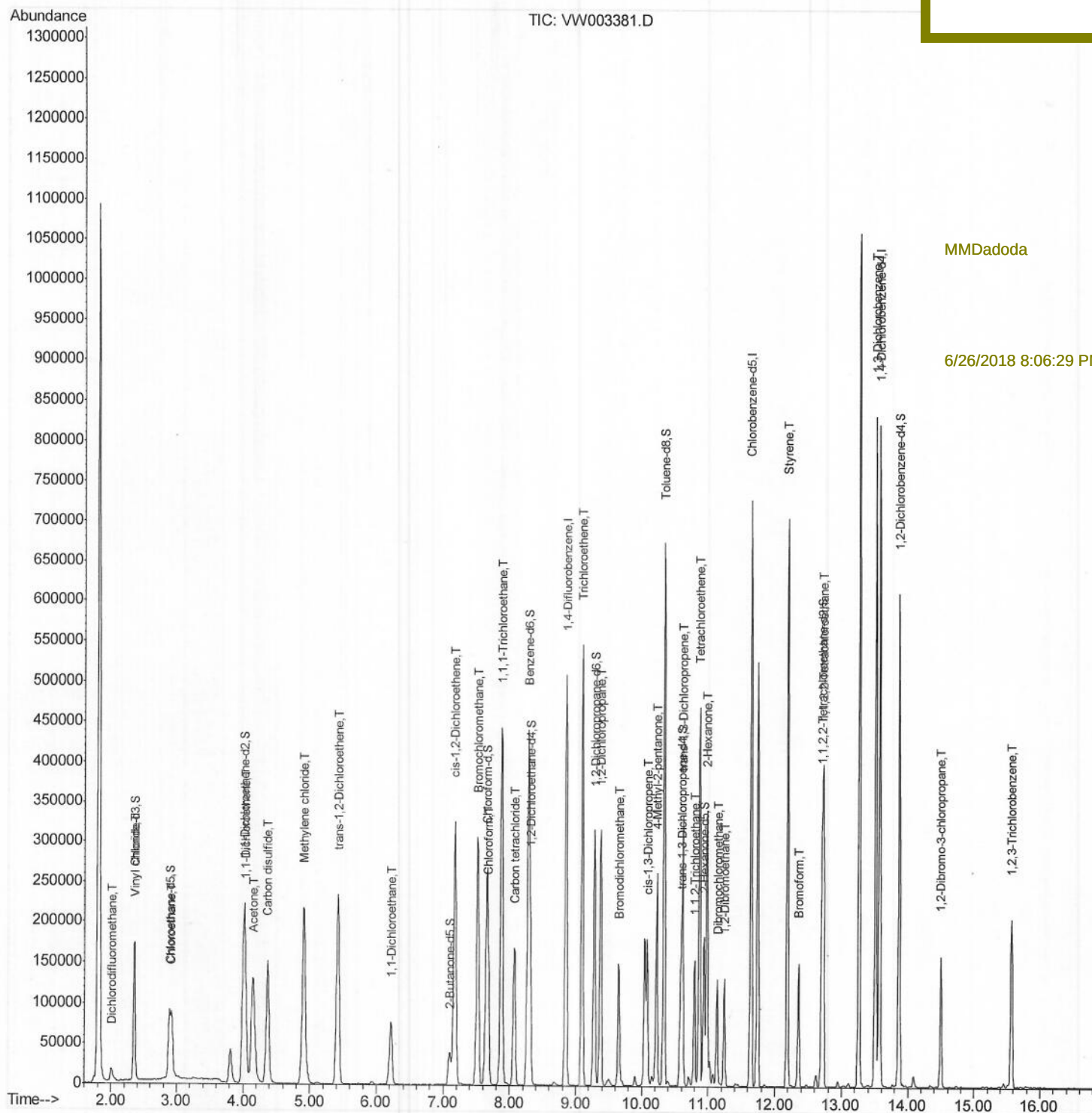
Quant Time: Jun 24 21:56:06 2018

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

Quant Title : VOC Analysis

QLast Update : Fri Jun 22 04:53:24 2018

Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda

6/26/2018 8:06:29 PM

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\

Quantitation Report (Qedit)

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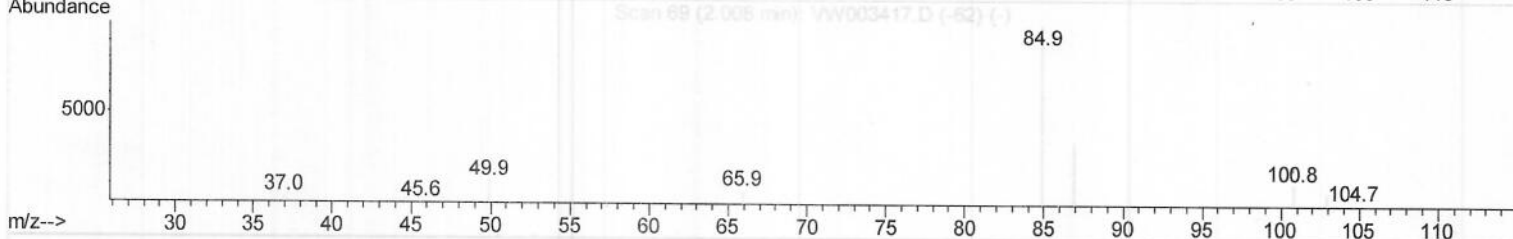
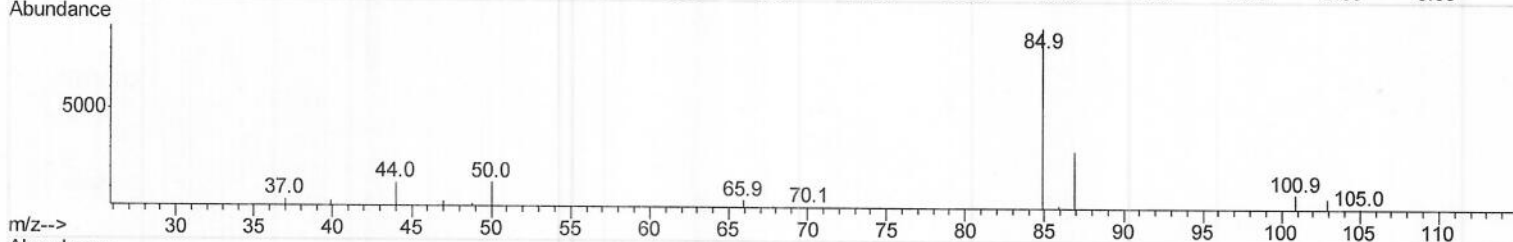
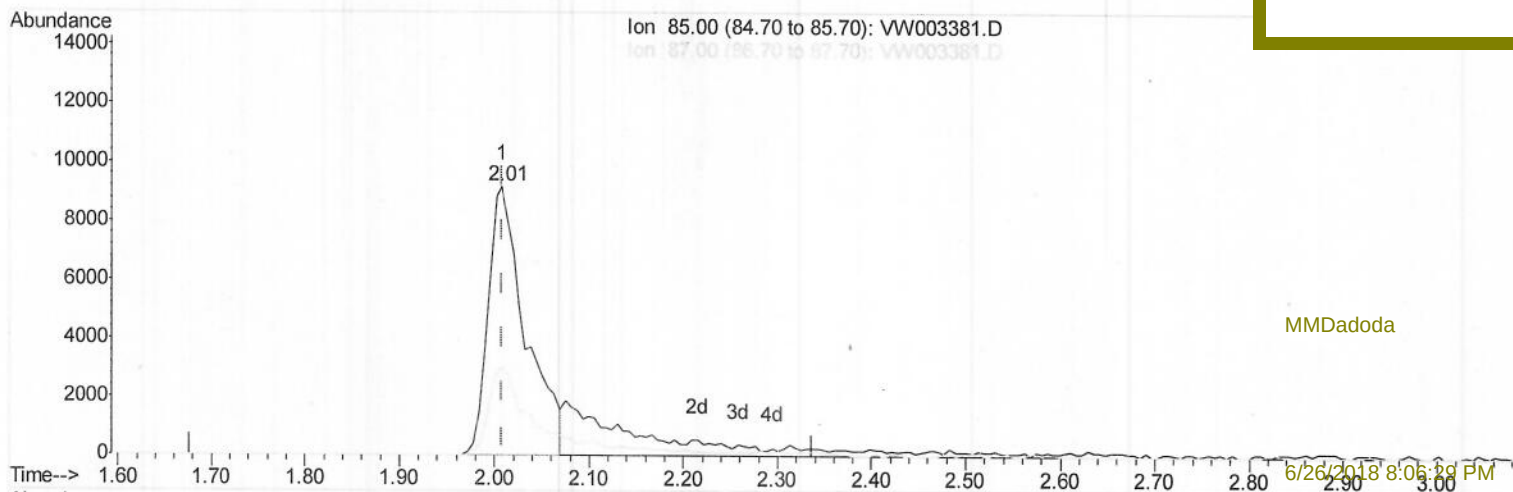
MSVOA_W

Client Sampled :

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Manual Integrations

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(2) Dichlorodifluoromethane (T)

2.008min (-0.000) 11.18ug/L

response 25172

Ion	Exp%	Act%
85.00	100	100
87.00	24.40	30.61
0.00	0.00	0.00
0.00	0.00	0.00

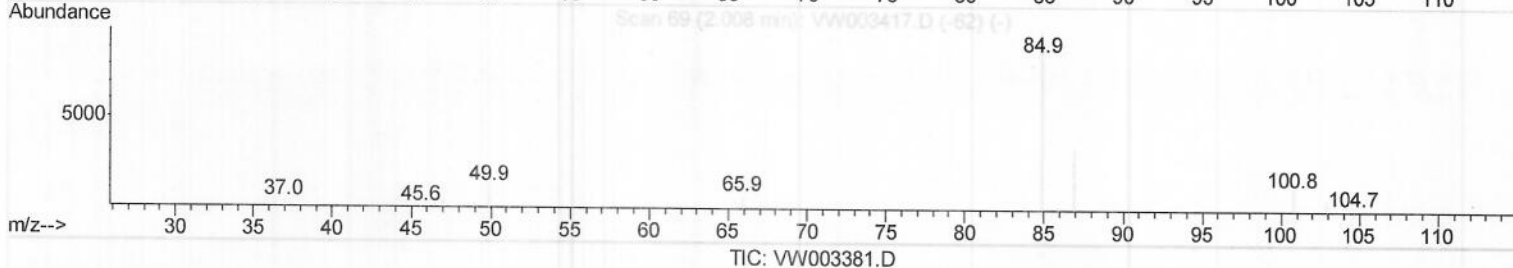
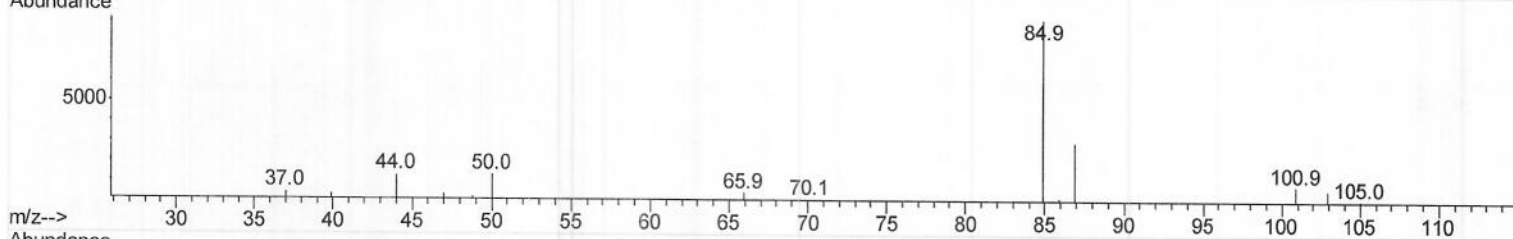
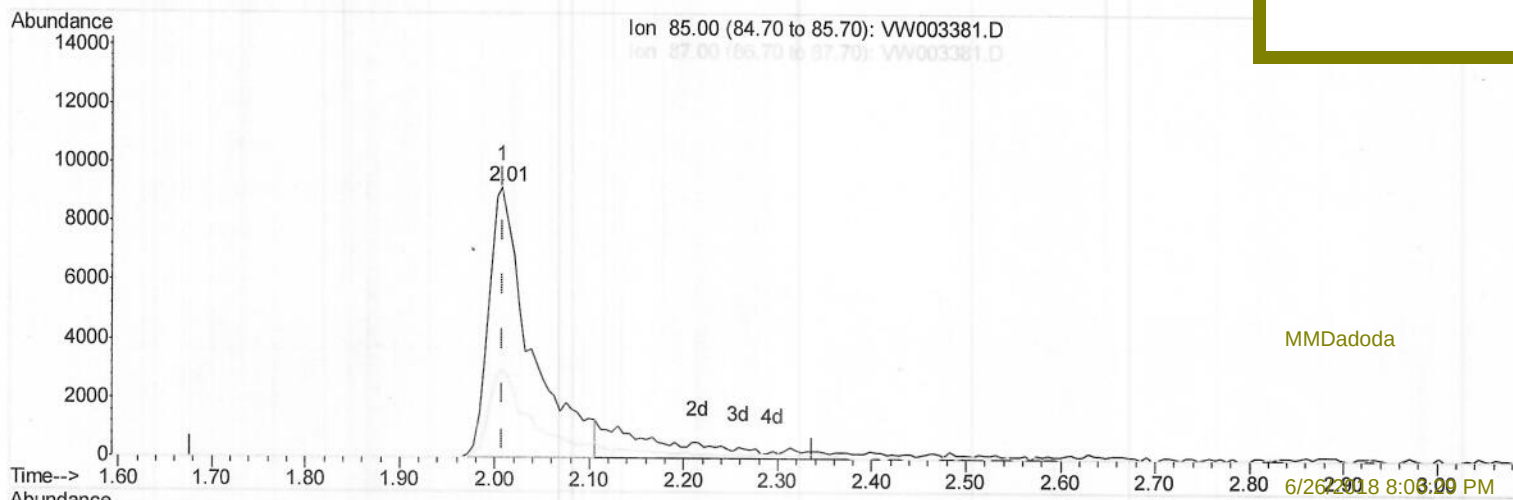
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MSVOA_W
Client Sampled :
DAZ56

Manual Integrations
APPROVED



(2) Dichlorodifluoromethane (T)

2.008min (-0.000) 12.63ug/L m

response 28442

Ion	Exp%	Act%
85.00	100	100
87.00	24.40	27.09
0.00	0.00	0.00
0.00	0.00	0.00

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06/30/18

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MSVOA_W
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Manual Integrations
APPROVED

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	410083	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	386340	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	205492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119187	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	103129	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	4.01	63	215833	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	7.09	46	72438	41.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.66%
24) Chloroform-d	7.65	84	233494	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.31	65	141047	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	441699	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.28	67	140702	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.72%
37) Toluene-d8	10.33	98	435337	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.59	79	65750	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.32%
39) 2-Hexanone-d5	10.93	63	57564	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	127681	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	158247	20.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.56%

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Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28442m)	12.627	ug/L	
5) Vinyl chloride	2.36	62	82736	11.815	ug/L	97
8) Chloroethane	2.92	64	77719	18.214	ug/L	94
12) 1,1-Dichloroethene	4.03	96	66772	13.026	ug/L	86
13) Acetone	4.15	43	329489	176.383	ug/L	98
14) Carbon disulfide	4.37	76	346492	20.951	ug/L	99
16) Methylene chloride	4.90	84	172819	30.584	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	142226	26.629	ug/L	98
19) 1,1-Dichloroethane	6.21	63	108360	10.871	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	179757	31.668	ug/L	97
23) Bromochloromethane	7.51	128	105134	40.038	ug/L	98
25) Chloroform	7.68	83	120144	11.724	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	349475	41.174	ug/L	99
32) Carbon tetrachloride	8.07	117	124934	15.236	ug/L	100
35) Trichloroethene	9.09	95	186909	31.478	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114422	19.736	ug/L	99
41) Bromodichloromethane	9.65	83	96328	12.927	ug/L	99

JMP
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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	10.07	75	102271	11.820	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	174775	42.197	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	167257	21.362	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	45132	10.428	ug/L	94
47) Tetrachloroethene	10.87	164	101556	20.353	ug/L	98
49) 2-Hexanone	10.98	43	204170	66.149	ug/L	98
50) Dibromochloromethane	11.13	129	66685	12.656	ug/L	98
51) 1,2-Dibromoethane	11.24	107	87007	20.230	ug/L	94
56) Styrene	12.19	104	309871	18.957	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	167501	29.357	ug/L	100
62) Bromoform	12.35	173	66801	19.316	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	322224	25.503	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	39666	37.468	ug/L	92
70) 1,2,3-Trichlorobenzene	15.57	180	67846	9.262	ug/L	99

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