

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071818\

Quantitation Report (QT Reviewed)

Data File : VW004027.D

Acq On : 18 Jul 2018 12:11

Operator : VA/AP

Sample : VSTD00582

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 14:09:08 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M

Quant Title : VOC Analysis

QLast Update : Wed Jul 18 13:23:08 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sample ID :

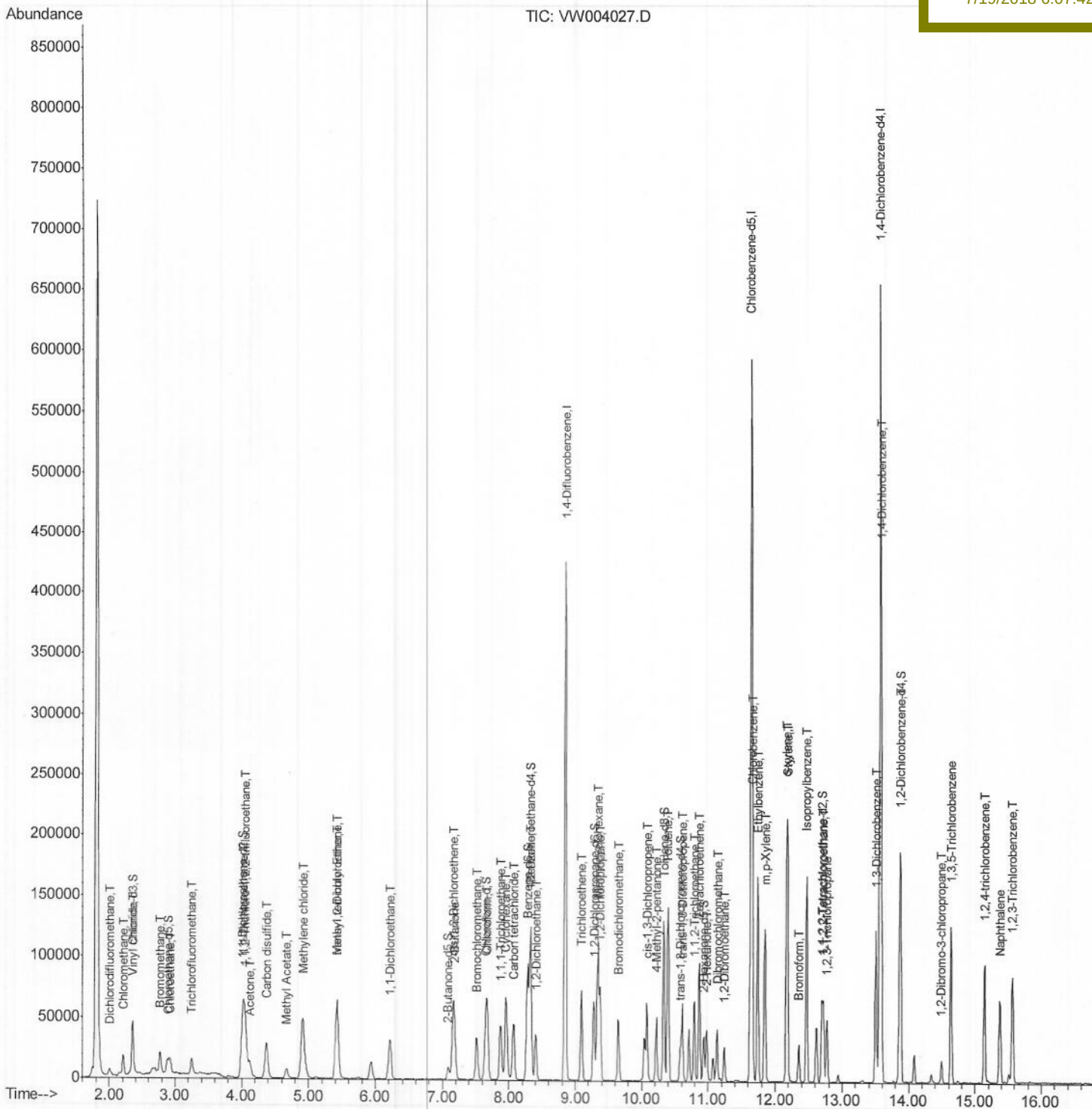
VSTD00582

Manual Integrations

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7/19/2018 6:07:42 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071818\

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Instrument :

MSVOA_W

ClientSampled :

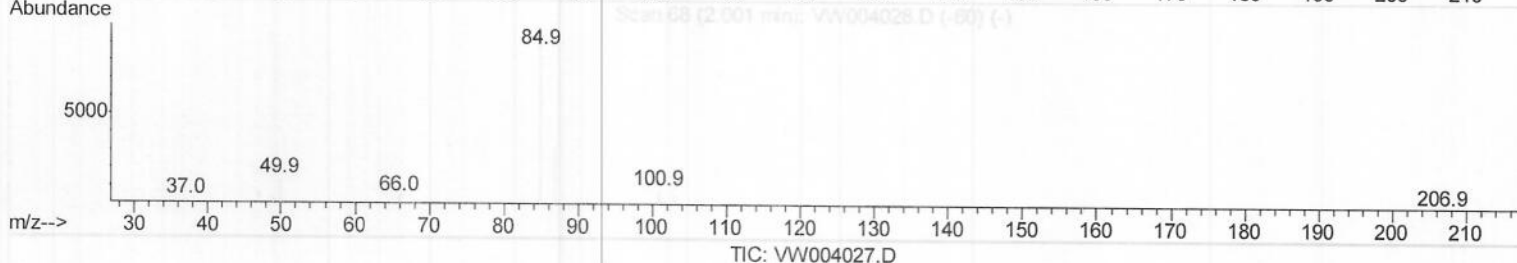
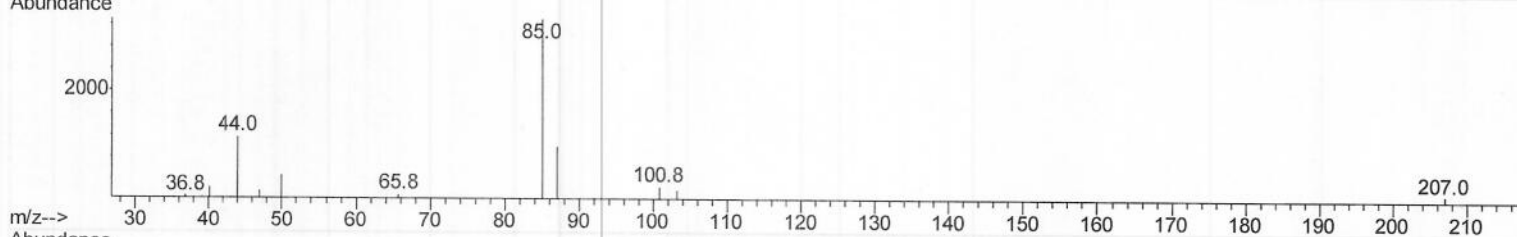
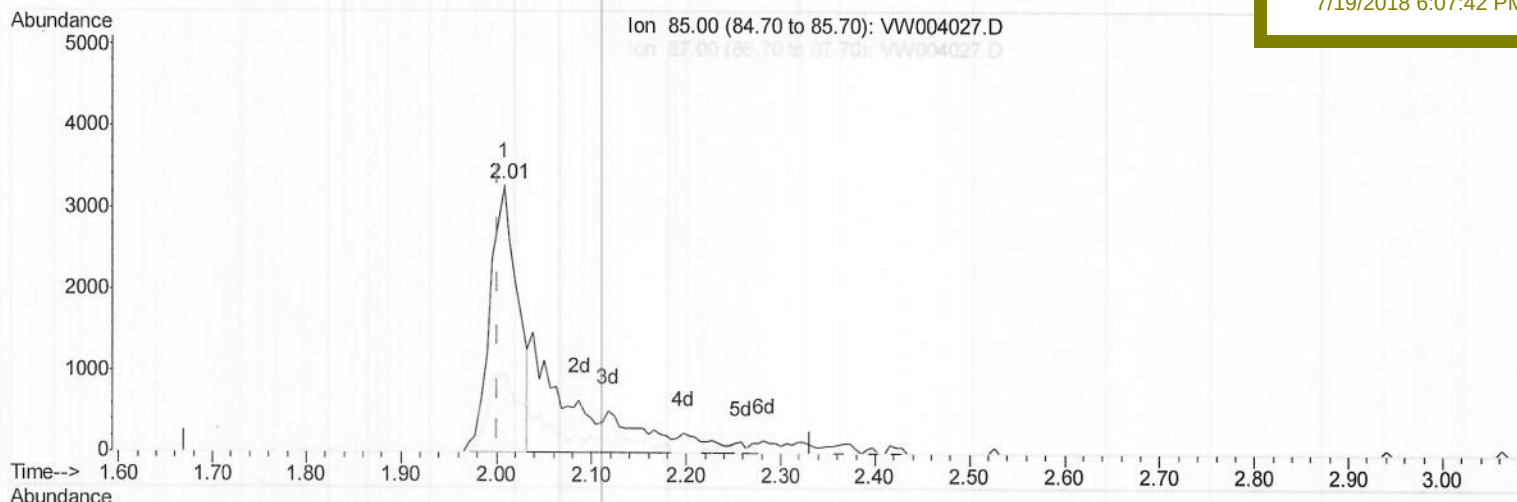
VSTD00582

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(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 4.60ug/L

response 6682

Ion	Exp%	Act%
85.00	100	100
87.00	0.10	30.86#
0.00	0.00	0.00
0.00	0.00	0.00

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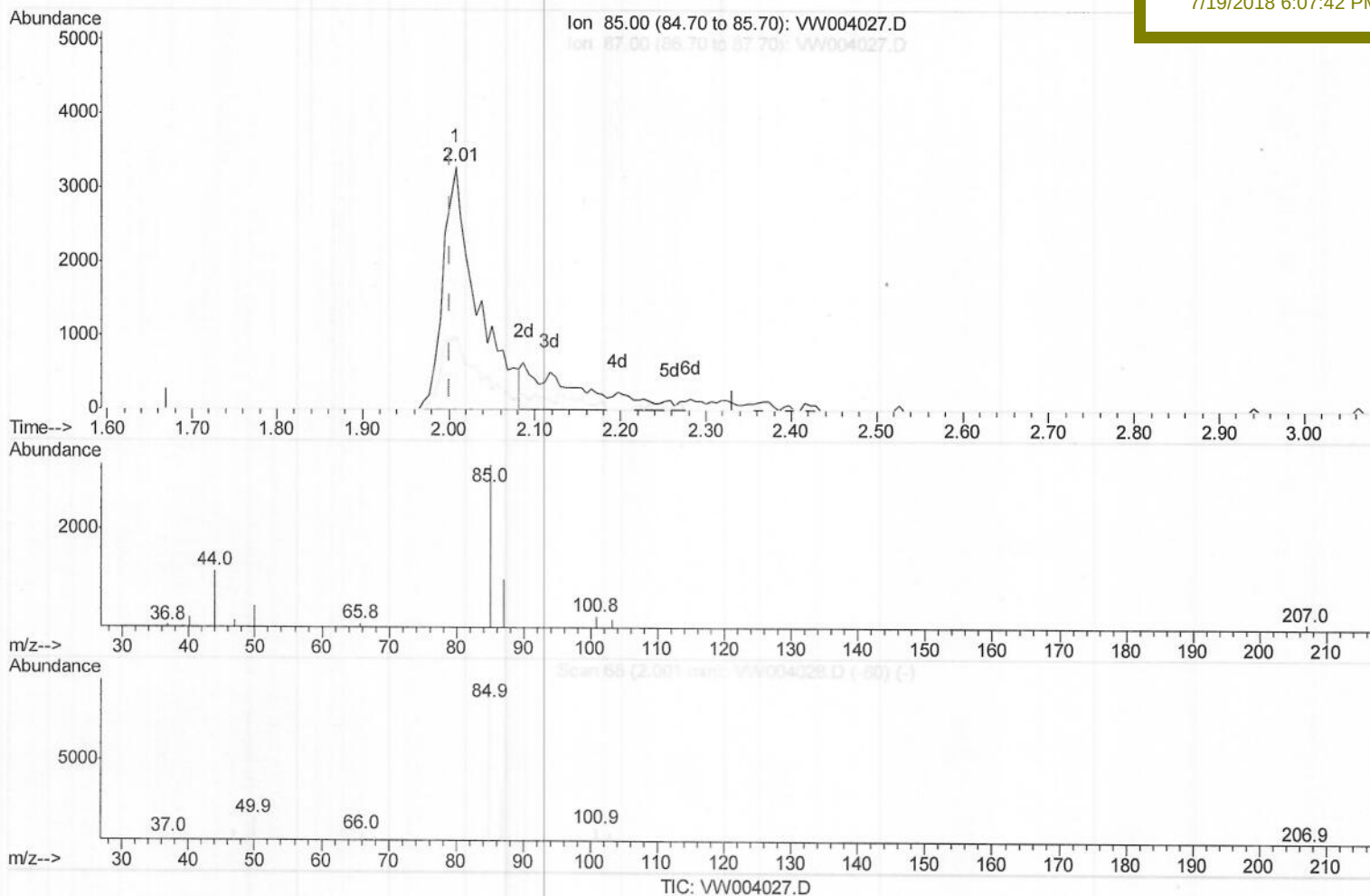
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(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 6.29ug/L m)

response 9146

Ion Exp% Act%

85.00 100 100

87.00 0.10 22.55#

0.00 0.00 0.00

0.00 0.00 0.00

MD
07/24/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	158172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21996	5.38	ug/L	0.00
7) Chloroethane-d5	2.89	69	14935	4.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	48636	5.56	ug/L	0.00
20) 2-Butanone-d5	7.09	46	16944	11.92	ug/L	0.00
24) Chloroform-d	7.65	84	50268	5.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	30381	5.86	ug/L	0.00
29) Benzene-d6	8.28	84	92286	5.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	30885	5.76	ug/L	0.00
37) Toluene-d8	10.33	98	85013	5.52	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13188	5.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	11478	11.14	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	27931	5.72	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	31350	5.52	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	9146m)	6.291	ug/L	
3) Chloromethane	2.21	50	16396	5.029	ug/L	94
5) Vinyl chloride	2.36	62	26111	5.269	ug/L	95
6) Bromomethane	2.78	94	13807	5.107	ug/L	99
8) Chloroethane	2.92	64	13274	4.499	ug/L	97
9) Trichlorofluoromethane	3.25	101	12187	4.592	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	22545	5.331	ug/L #	86
12) 1,1-Dichloroethene	4.03	96	22189	5.339	ug/L	92
13) Acetone	4.12	43	17326	12.071	ug/L	97
14) Carbon disulfide	4.37	76	71302	5.296	ug/L	98
15) Methyl Acetate	4.67	43	15330	5.797	ug/L	99
16) Methylene chloride	4.92	84	45066	9.280	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	40062	5.008	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	23323	5.250	ug/L	95
19) 1,1-Dichloroethane	6.21	63	45384	5.418	ug/L	99
21) 2-Butanone	7.18	43	19495	11.135	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	25005	5.287	ug/L	99
23) Bromochloromethane	7.51	128	11387	5.237	ug/L	91
25) Chloroform	7.68	83	46717	5.430	ug/L	97
27) 1,2-Dichloroethane	8.40	62	33345	5.377	ug/L	96
30) Cyclohexane	7.96	56	33390	4.513	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	36190	5.123	ug/L	98
32) Carbon tetrachloride	8.07	117	33716	5.043	ug/L	100
34) Benzene	8.32	78	99703	5.307	ug/L	100
35) Trichloroethene	9.09	95	25878	5.143	ug/L	100
36) Methylcyclohexane	9.34	83	40302	4.752	ug/L	98
40) 1,2-Dichloropropane	9.37	63	27236	5.449	ug/L	98
41) Bromodichloromethane	9.65	83	33149	5.245	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	35150	4.750	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	35694	10.267	ug/L	97

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44) Toluene	10.39	91	101825	5.070	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	32619	4.851	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	19566	5.272	ug/L	95
47) Tetrachloroethene	10.87	164	21355	5.217	ug/L	98
49) 2-Hexanone	10.98	43	26383	10.022	ug/L	98
50) Dibromochloromethane	11.13	129	23170	5.239	ug/L	91
51) 1,2-Dibromoethane	11.24	107	19001	5.256	ug/L	100
52) Chlorobenzene	11.66	112	66711	5.092	ug/L	99
53) Ethylbenzene	11.74	91	108597	4.773	ug/L	99
54) m,p-Xylene	11.85	106	39407	4.710	ug/L	98
55) o-xylene	12.17	106	38716	4.913	ug/L	98
56) Styrene	12.19	104	65461	4.788	ug/L	99
57) Isopropylbenzene	12.47	105	102958	4.703	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	27104	5.563	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	20682	5.558	ug/L	99
62) Bromoform	12.35	173	13781	5.210	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	49921	5.099	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	53613	5.174	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	48119	5.095	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	4426	5.296	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	38397	5.018	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	30297	4.891	ug/L	98
69) Naphthalene	15.38	128	55756	4.467	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	28348	4.925	ug/L	100

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