

(QT Reviewed)

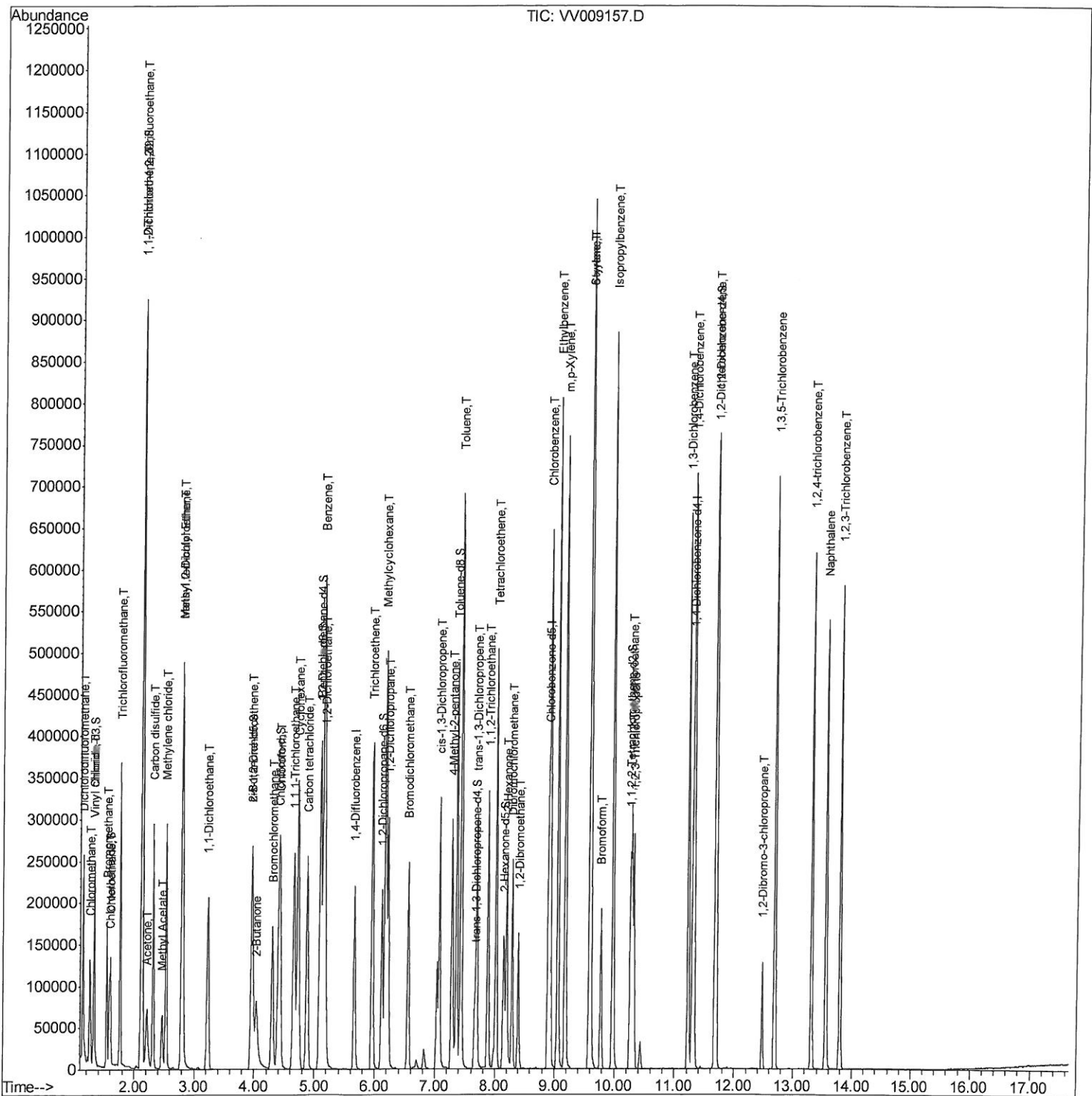
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009157.D
Acq On : 04 Jan 2019 12:10
Operator : SY/MD
Sample : VSTD05065
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Manual Integrations

MMDadoda
1/7/2019 11:59:57 PM

Quant Time: Jan 05 04:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 04:20:20 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

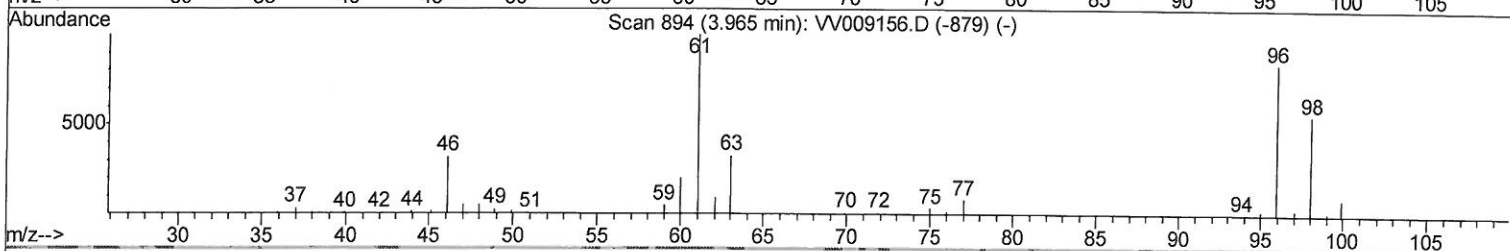
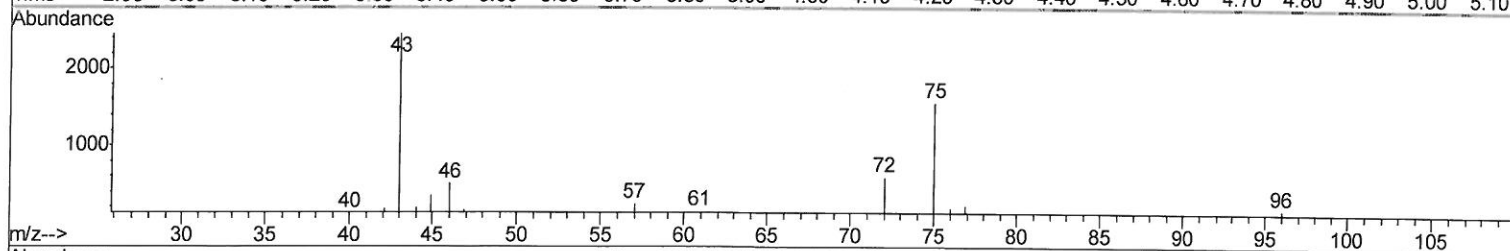
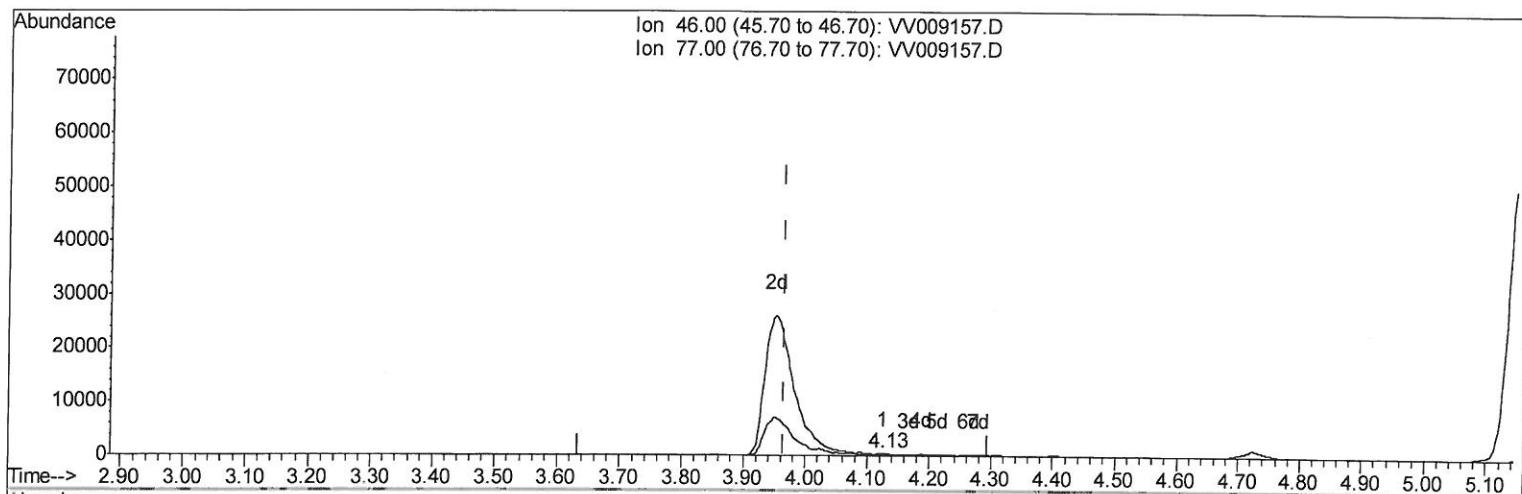
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TIC: VV009157.D

(20) 2-Butanone-d5 (S)

4.125min (+0.161) 0.23ug/L

response 210

Ion	Exp%	Act%
46.00	100	100
77.00	19.90	19.05
0.00	0.00	0.00
0.00	0.00	0.00

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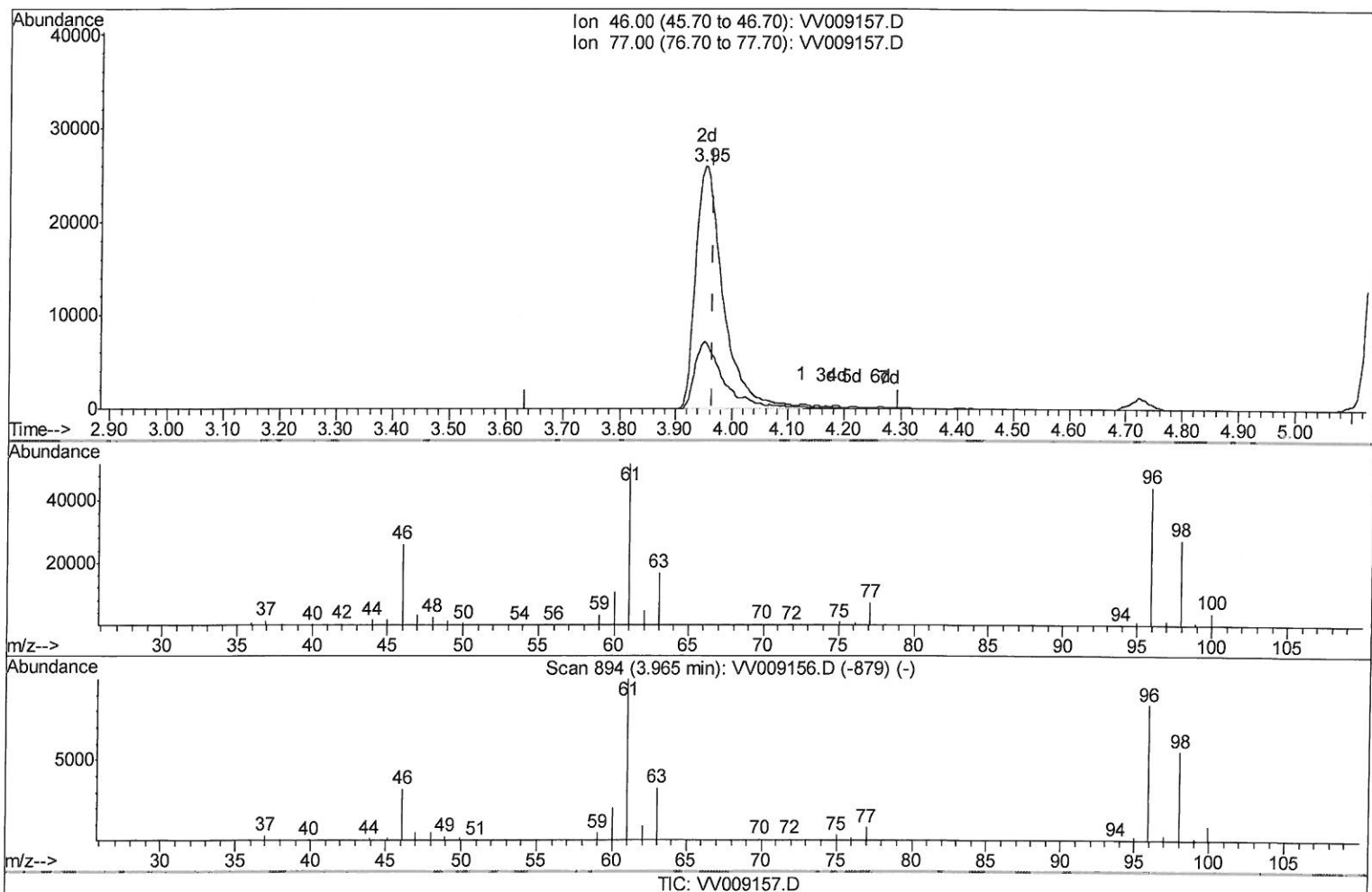
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(20) 2-Butanone-d5 (S)

3.952min (-0.013) 94.99ug/L m

response 88219

Ion	Exp%	Act%
46.00	100	100
77.00	19.90	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195842	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54300	40.55	ug/L	0.00
7) Chloroethane-d5	1.58	69	55524	42.73	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	193423	43.20	ug/L	0.00
20) 2-Butanone-d5	3.95	46	88219m	94.99	ug/L	-0.01
24) Chloroform-d	4.40	84	179932	43.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	100641	45.62	ug/L	0.00
29) Benzene-d6	5.10	84	347968	44.03	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	102053	45.04	ug/L	0.00
37) Toluene-d8	7.36	98	329172	44.16	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	49714	46.24	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	53687	100.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	117316	47.11	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	128240	40.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	141168	44.843	ug/L	98
3) Chloromethane	1.25	50	93681	43.938	ug/L	98
5) Vinyl chloride	1.32	62	104877	45.939	ug/L	99
6) Bromomethane	1.54	94	71310	44.344	ug/L	98
8) Chloroethane	1.60	64	64821	46.073	ug/L	97
9) Trichlorofluoromethane	1.77	101	202477	48.376	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	134503	48.253	ug/L	99
12) 1,1-Dichloroethene	2.14	96	115332	47.709	ug/L	96
13) Acetone	2.21	43	116007	86.859	ug/L	97
14) Carbon disulfide	2.32	76	326987	47.337	ug/L	99
15) Methyl Acetate	2.47	43	81389	49.250	ug/L	97
16) Methylene chloride	2.53	84	124243	42.464	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	303456	51.249	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	122684	47.888	ug/L	95
19) 1,1-Dichloroethane	3.23	63	207411	48.753	ug/L	100
21) 2-Butanone	4.04	43	119803	97.536	ug/L #	88
22) cis-1,2-Dichloroethene	3.96	96	134677	49.175	ug/L	99
23) Bromochloromethane	4.30	128	65011	50.454	ug/L	99
25) Chloroform	4.43	83	222360	49.081	ug/L	98
27) 1,2-Dichloroethane	5.18	62	149387	49.090	ug/L	100
30) Cyclohexane	4.73	56	188756	48.003	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	212212	49.209	ug/L	100
32) Carbon tetrachloride	4.88	117	196362	49.747	ug/L	99
34) Benzene	5.15	78	469296	49.217	ug/L	100
35) Trichloroethene	5.96	95	133099	48.451	ug/L	99
36) Methylcyclohexane	6.18	83	224431	48.896	ug/L	98
40) 1,2-Dichloropropane	6.22	63	113733	49.486	ug/L	99
41) Bromodichloromethane	6.56	83	163330	51.847	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	191413	52.558	ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	220539	100.670	ug/L	98

2/10/19 SC

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44) Toluene	7.43	91	510020	49.611	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	168376	52.806	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	104612	51.500	ug/L	98
47) Tetrachloroethene	8.02	164	114611	48.157	ug/L	98
49) 2-Hexanone	8.19	43	167189	103.698	ug/L	99
50) Dibromochloromethane	8.29	129	132386	53.050	ug/L	99
51) 1,2-Dibromoethane	8.40	107	108467	51.066	ug/L	96
52) Chlorobenzene	8.93	112	342433	48.546	ug/L	99
53) Ethylbenzene	9.06	91	579196	49.818	ug/L	99
54) m,p-Xylene	9.18	106	225108	49.696	ug/L	99
55) o-xylene	9.59	106	213086	50.876	ug/L	99
56) Styrene	9.60	104	363380	51.438	ug/L	100
57) Isopropylbenzene	9.98	105	585781	50.408	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	142906	52.508	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	112373	51.657	ug/L	98
62) Bromoform	9.78	173	87474	52.663	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	278305	46.964	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	282813	45.784	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	264480	46.853	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	30740	52.454	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	223238	46.710	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	189621	48.745	ug/L	99
69) Naphthalene	13.55	128	423606	53.462	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	175536	49.170	ug/L	99

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