

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\

Quantitation Report (QT Reviewed)

Data File : VU034674.D

Acq On : 20 Sep 2019 02:06

Operator : JC/SP

Sample : K4895-17

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 20 07:24:28 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Sep 20 04:02:05 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

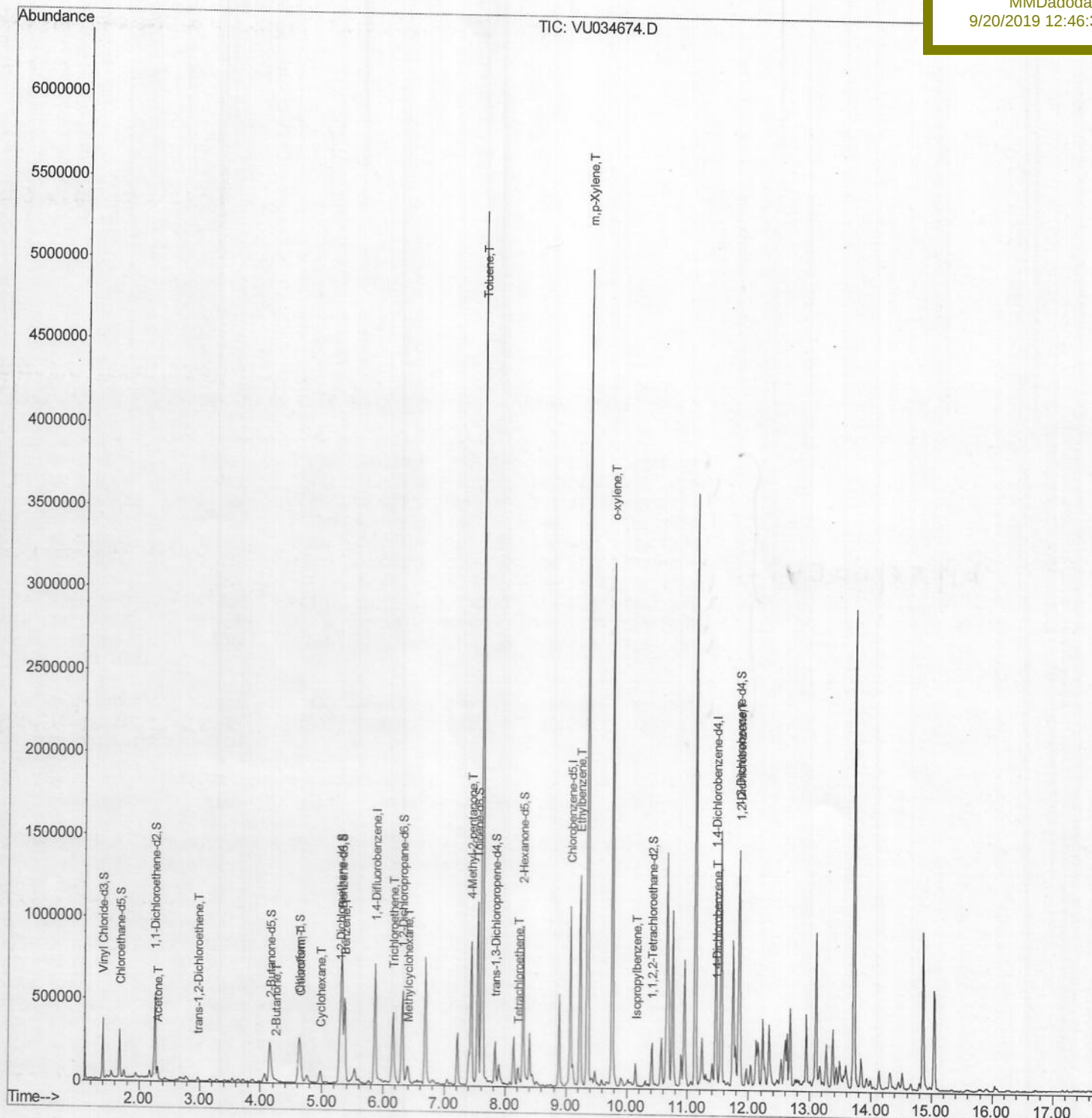
BFDH5

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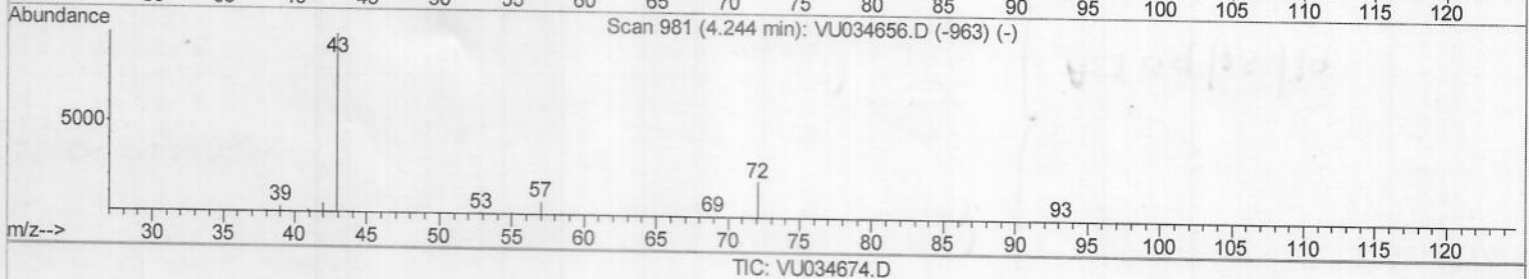
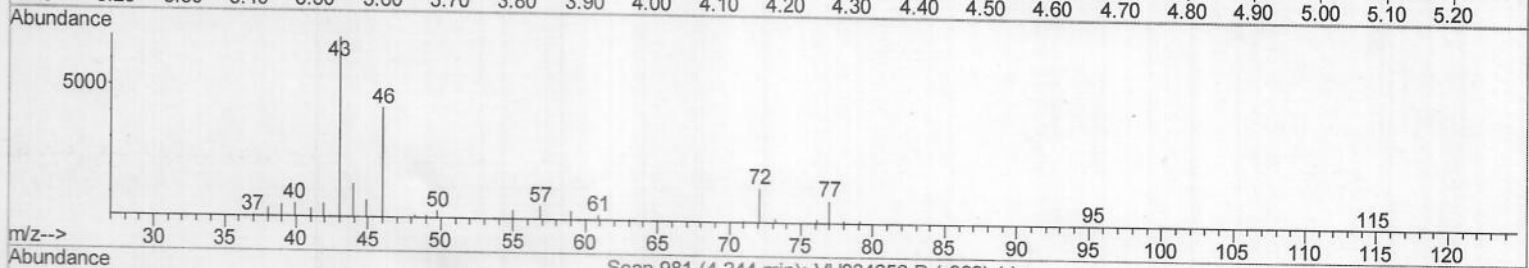
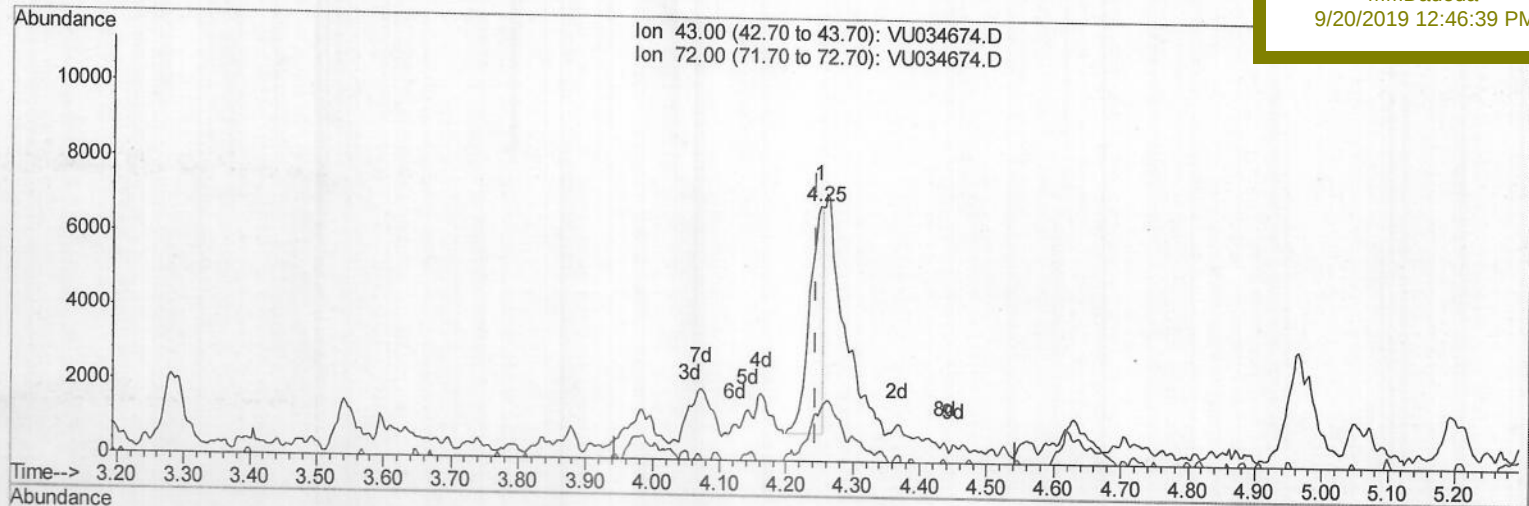
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(22) 2-Butanone (T)
4.251min (+0.007) 1.50ug/L
response 8896

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	16.86
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

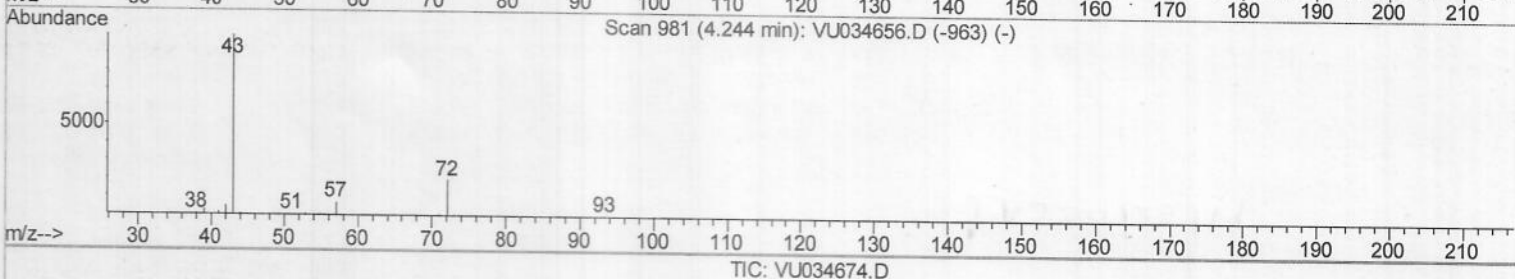
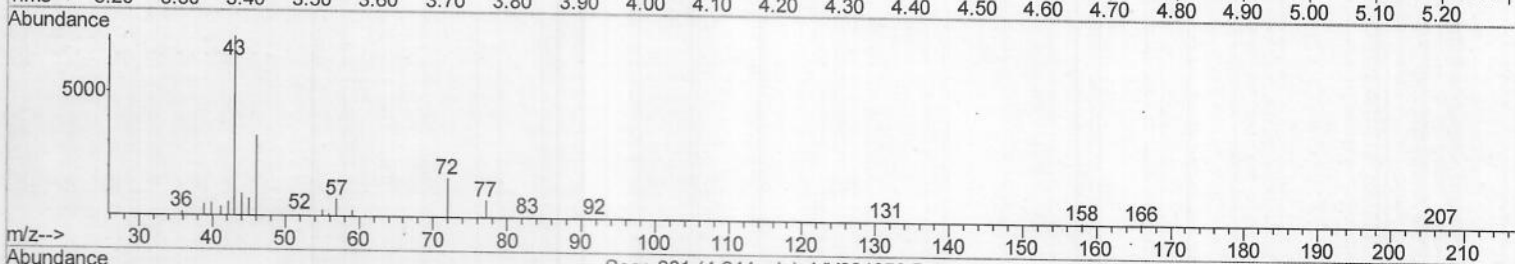
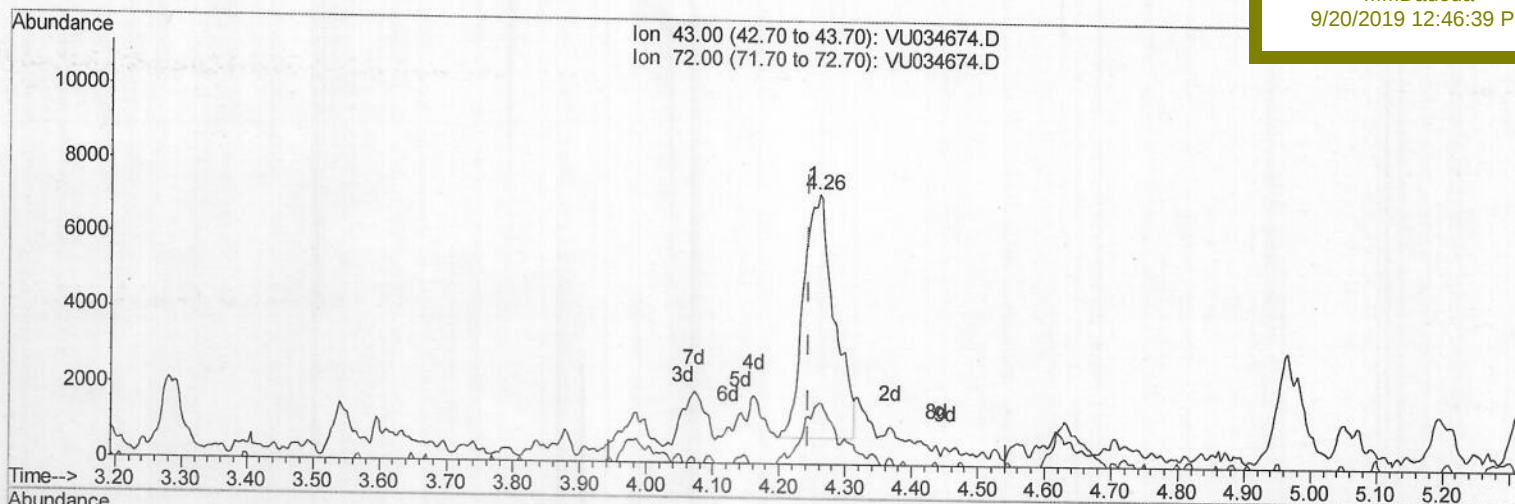
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TIC: VU034674.D

(22) 2-Butanone (T)

4.260min (+0.016) 3.52ug/L m

response 20877

Ion	Exp%	Act%
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43.00	100	100
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72.00	20.40	7.18#
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0.00	0.00	0.00
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0.00	0.00	0.00
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	546109	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	521772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	250077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222592	39.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.62%		
7) Chloroethane-d5	1.67	69	181172	41.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.86%		
11) 1,1-Dichloroethene-d2	2.26	63	306818	32.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.82%		
21) 2-Butanone-d5	4.15	46	412790	96.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.34%		
24) Chloroform-d	4.62	84	213248	26.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	52.48%#		
26) 1,2-Dichloroethane-d4	5.29	65	261889	43.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.66%		
32) Benzene-d6	5.32	84	709058	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.68%		
36) 1,2-Dichloropropane-d6	6.31	67	256068	45.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.60%		
41) Toluene-d8	7.54	98	677869	44.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.12%		
43) trans-1,3-Dichloropropene-	7.83	79	113113	41.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.56%		
47) 2-Hexanone-d5	8.29	63	271455	95.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.61%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	117826	15.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	30.04%#		
64) 1,2-Dichlorobenzene-d4	11.84	152	238921	45.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.12%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.31	43	84524	16.958	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	4013	1.027	ug/L	76
22) 2-Butanone	4.26	43	20877m	3.521	ug/L	
25) Chloroform	4.65	83	143060	16.211	ug/L	94
29) Cyclohexane	4.97	56	38746	4.499	ug/L	96
33) Benzene	5.37	78	453918	25.083	ug/L	100
34) Trichloroethene	6.16	95	75810	16.963	ug/L	97
35) Methylcyclohexane	6.39	83	33867	4.465	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	617073	59.983	ug/L	97
42) Toluene	7.61	91	3552531	181.648	ug/L	98
46) Tetrachloroethene	8.21	164	15248	4.850	ug/L	93
52) Ethylbenzene	9.23	91	846214	38.424	ug/L	99
53) m,p-Xylene	9.35	106	1229058	157.563	ug/L	96
54) o-xylene	9.76	106	759252	98.409	ug/L	99
56) Isopropylbenzene	10.14	105	78831	3.789	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	11282	1.279	ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	95154	10.874	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed