

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042719\

Quantitation Report (QT Reviewed)

Data File : VU031532.D

Acq On : 26 Apr 2019 14:56

Operator : JC/SP

Sample : K2481-22ME 5X

Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 14 Sample Multiplier: 1

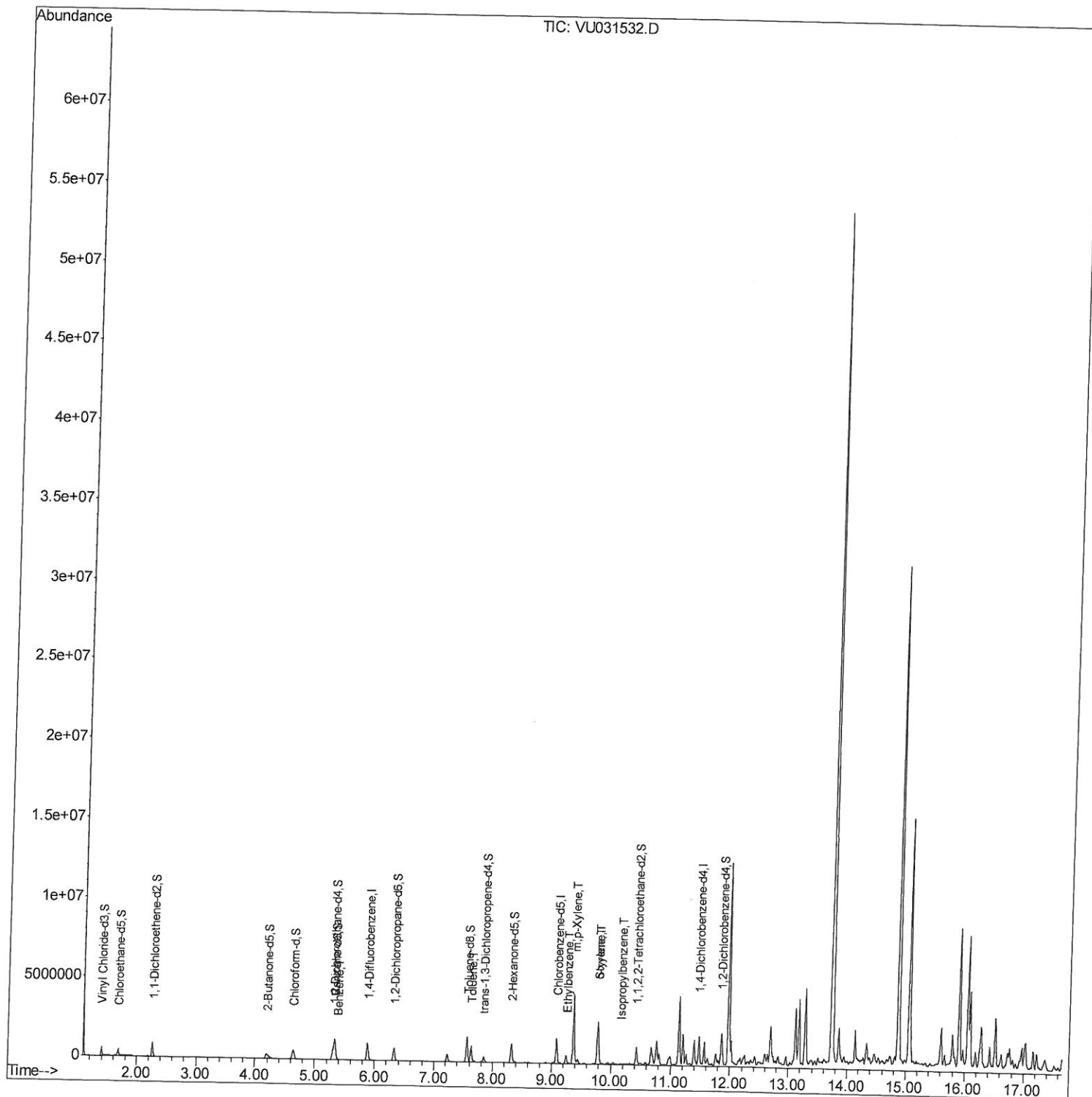
Quant Time: Apr 27 01:26:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 27 00:11:31 2019

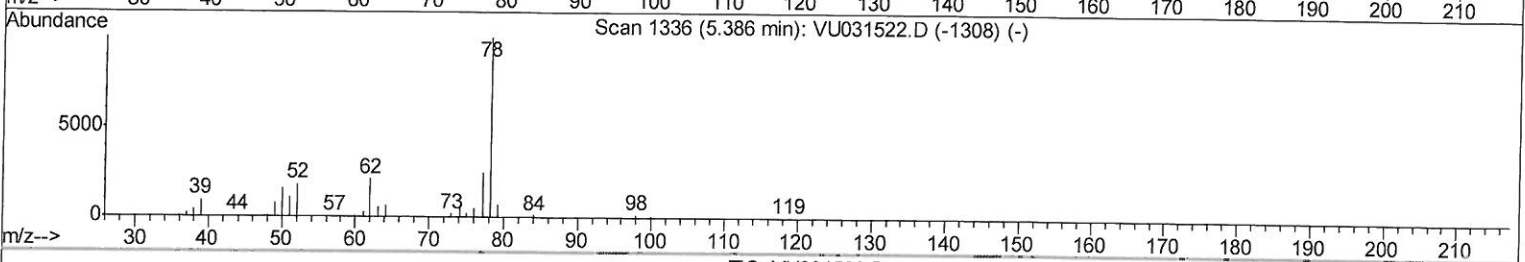
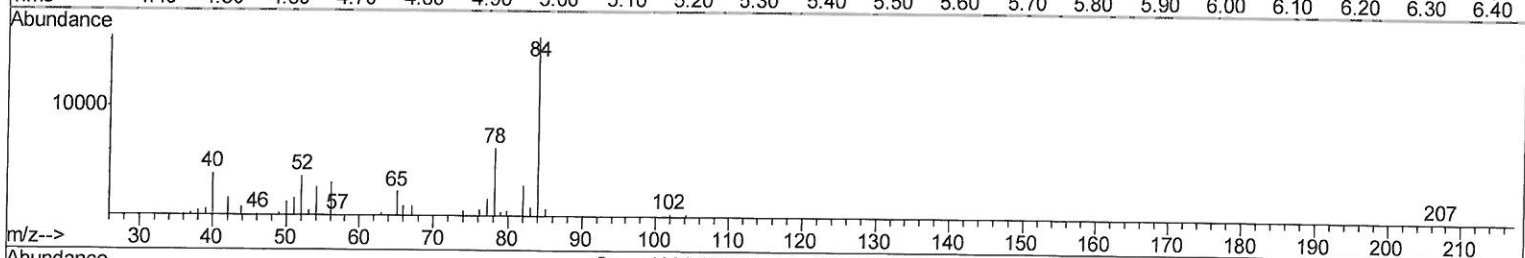
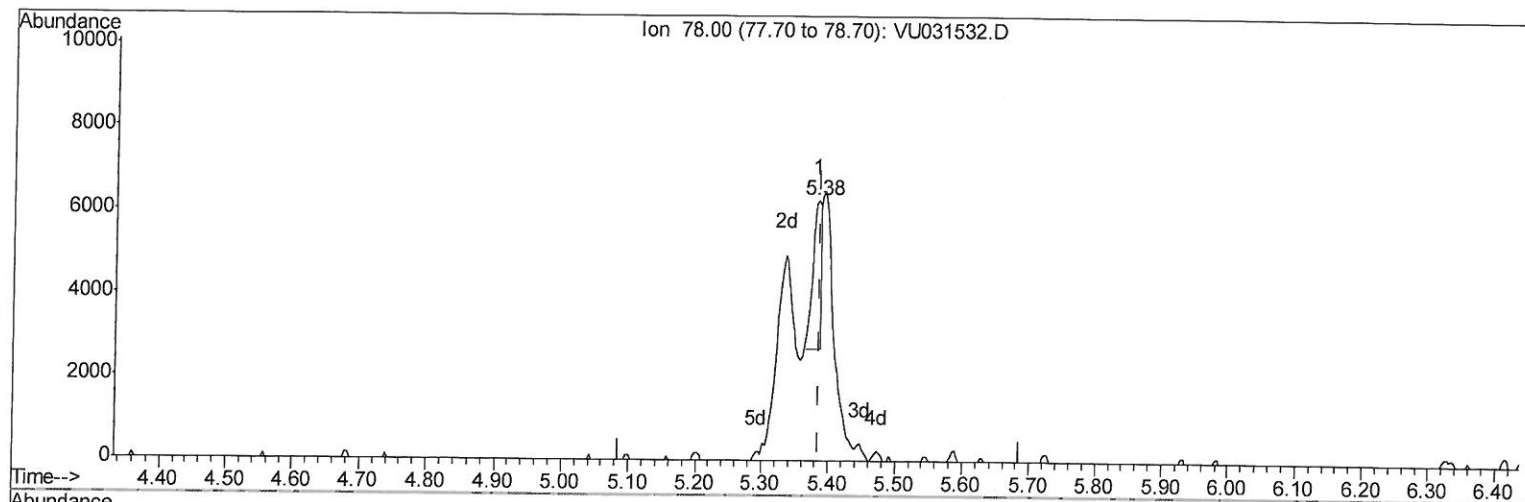
Response via : Initial Calibration



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TIC: VU031532.D

(33) Benzene (T)

5.382min (-0.003) 0.10ug/L

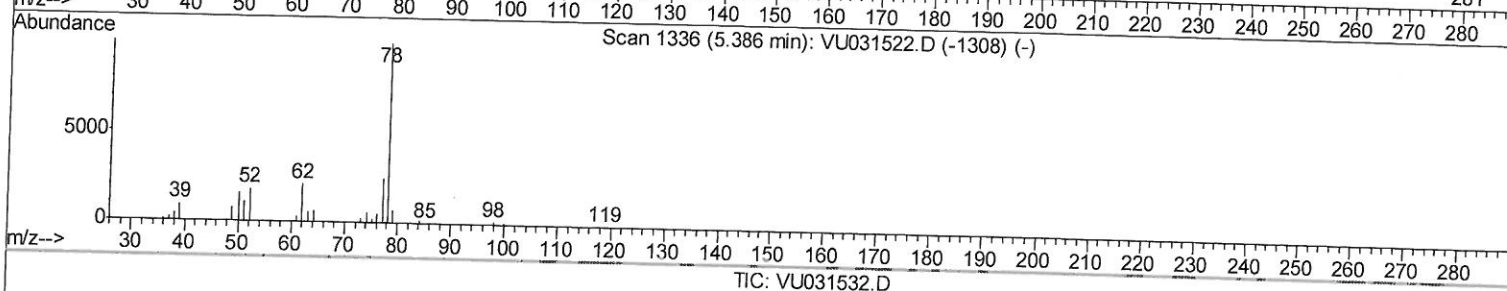
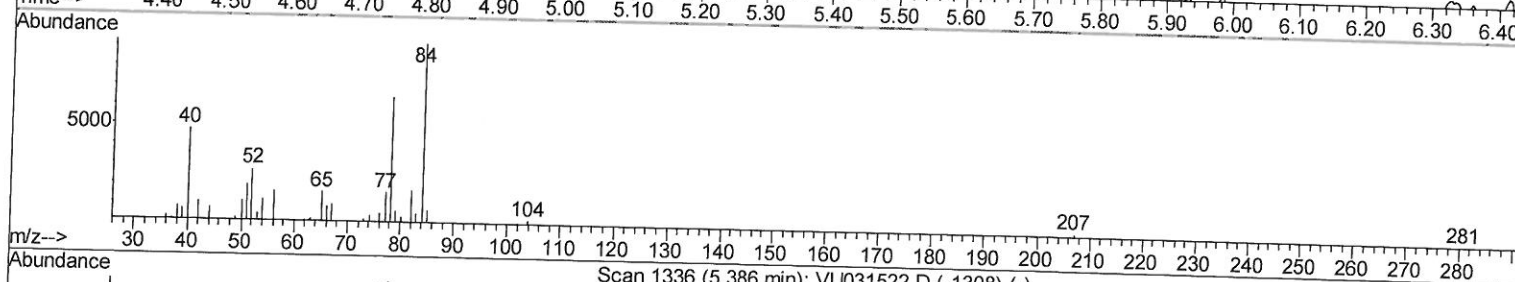
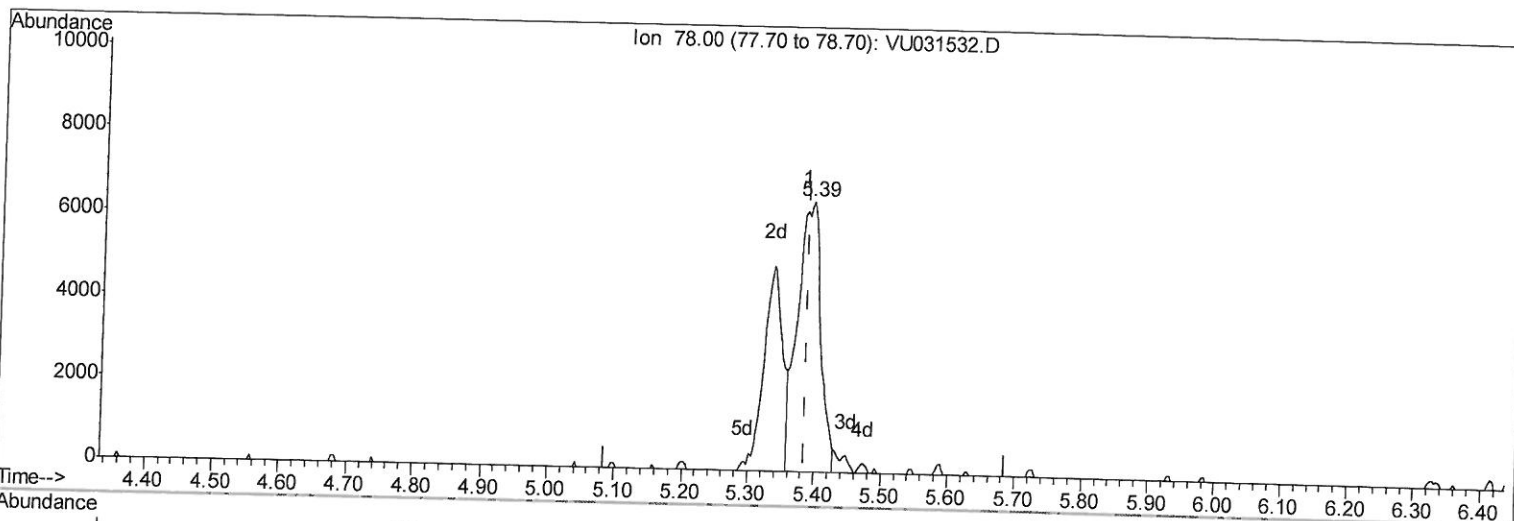
response 3161

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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(33) Benzene (T)

5.392min (+0.007) 0.49ug/L m

response 15812

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
4/29/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	924353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	883904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	431198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370374	47.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.76%		
7) Chloroethane-d5	1.68	69	270621	45.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.54%		
11) 1,1-Dichloroethene-d2	2.26	63	522920	33.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.88%		
21) 2-Butanone-d5	4.19	46	609229	86.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.92%		
24) Chloroform-d	4.64	84	584741	41.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.54%		
26) 1,2-Dichloroethane-d4	5.31	65	395279	42.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.40%		
32) Benzene-d6	5.33	84	1265933	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.28%		
36) 1,2-Dichloropropane-d6	6.32	67	422955	44.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.58%		
41) Toluene-d8	7.56	98	1108143	46.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.74%		
43) trans-1,3-Dichloropropene-	7.85	79	189054	46.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.24%		
47) 2-Hexanone-d5	8.32	63	425369	102.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.91%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	556716	43.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.88%		
64) 1,2-Dichlorobenzene-d4	11.86	152	410570	45.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.56%		

Target Compounds

33) Benzene	5.39	78	15812m	0.487	ug/L	Qvalue
42) Toluene	7.63	91	752891	23.258	ug/L	98
52) Ethylbenzene	9.25	91	372948	11.106	ug/L	99
53) m,p-Xylene	9.37	106	1199807	102.551	ug/L	96
54) o-Xylene	9.77	106	514791	44.382	ug/L	95
55) Styrene	9.79	104	680702	34.350	ug/L	96
56) Isopropylbenzene	10.16	105	30634	1.004	ug/L	99

MD
4/29/19

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