

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (QT Reviewed)

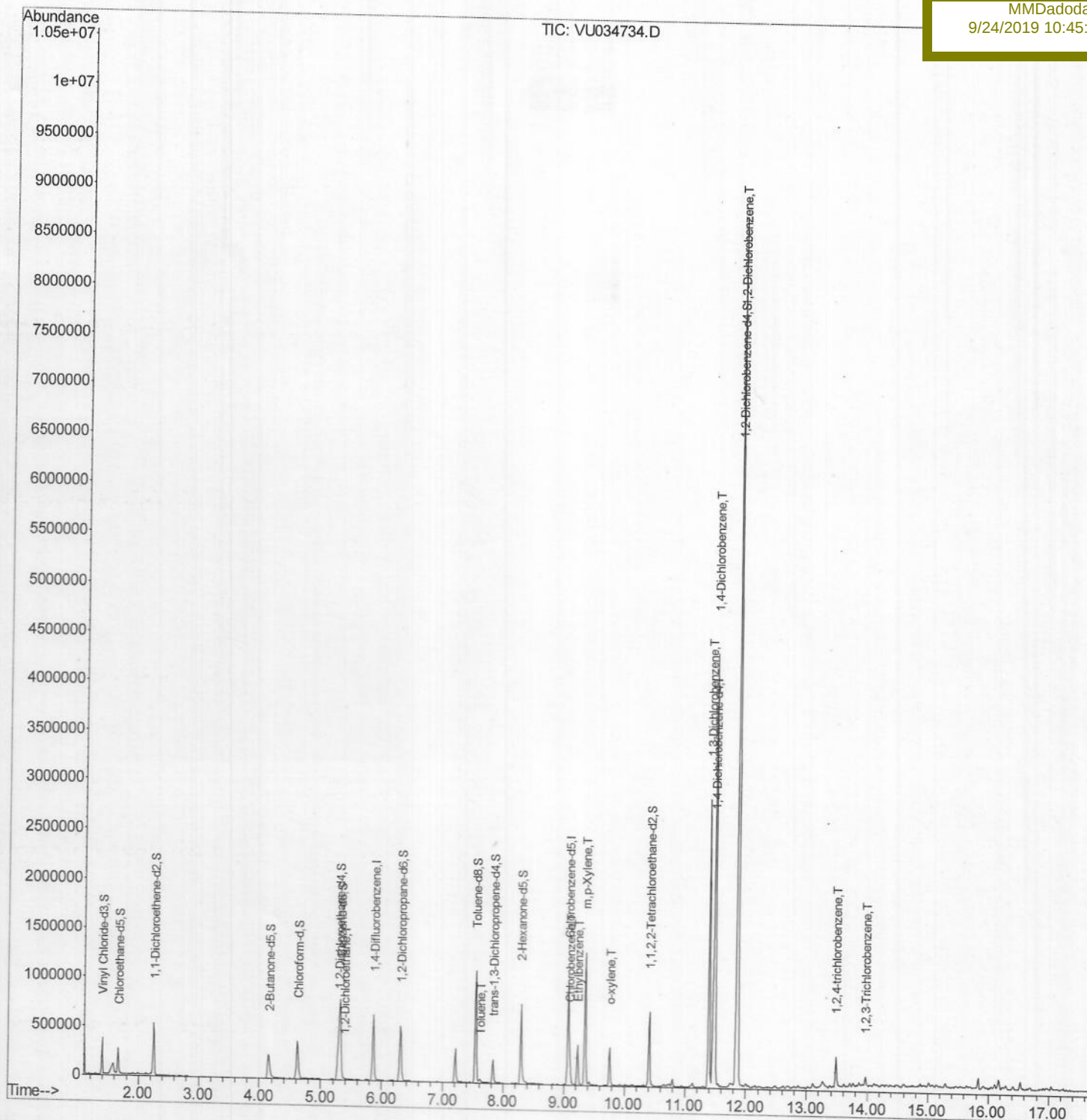
Data File : VU034734.D
Acq On : 23 Sep 2019 15:30
Operator : JC/SP
Sample : K4982-05 10X
Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 02:28:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 01:52:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:45:50 AM



SOMULM091919WMA.M Tue Sep 24 02:26:59 2019

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (Qedit)

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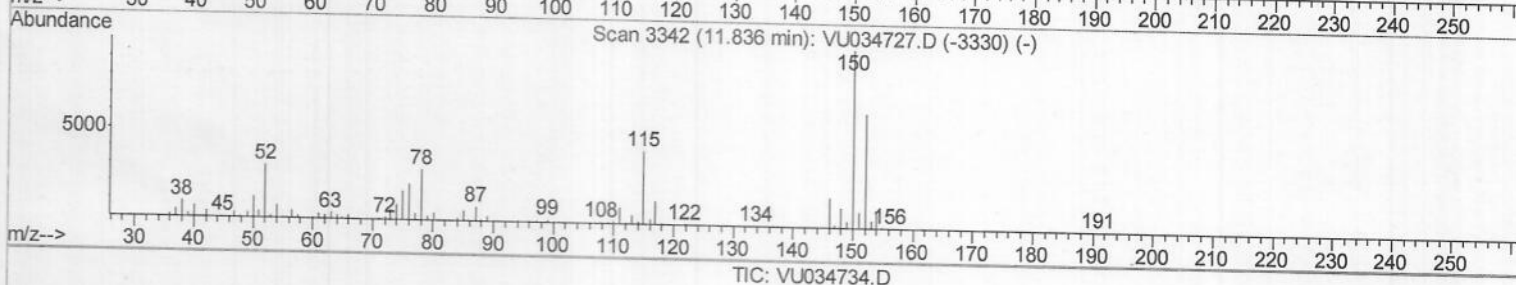
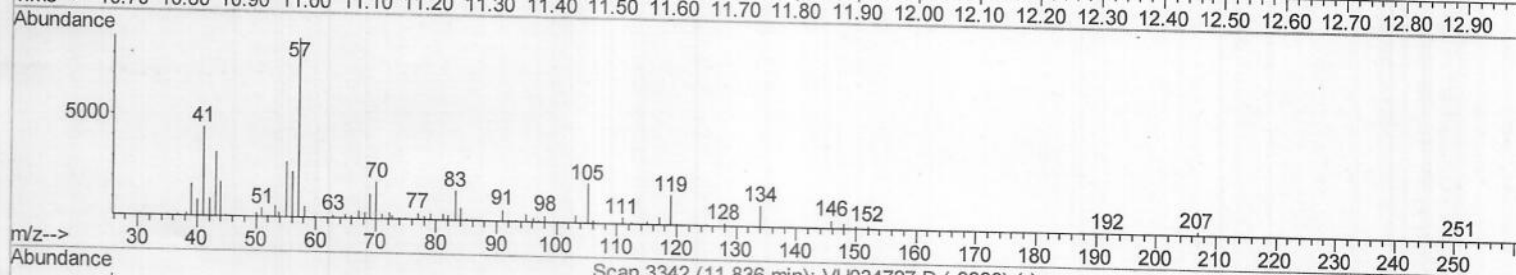
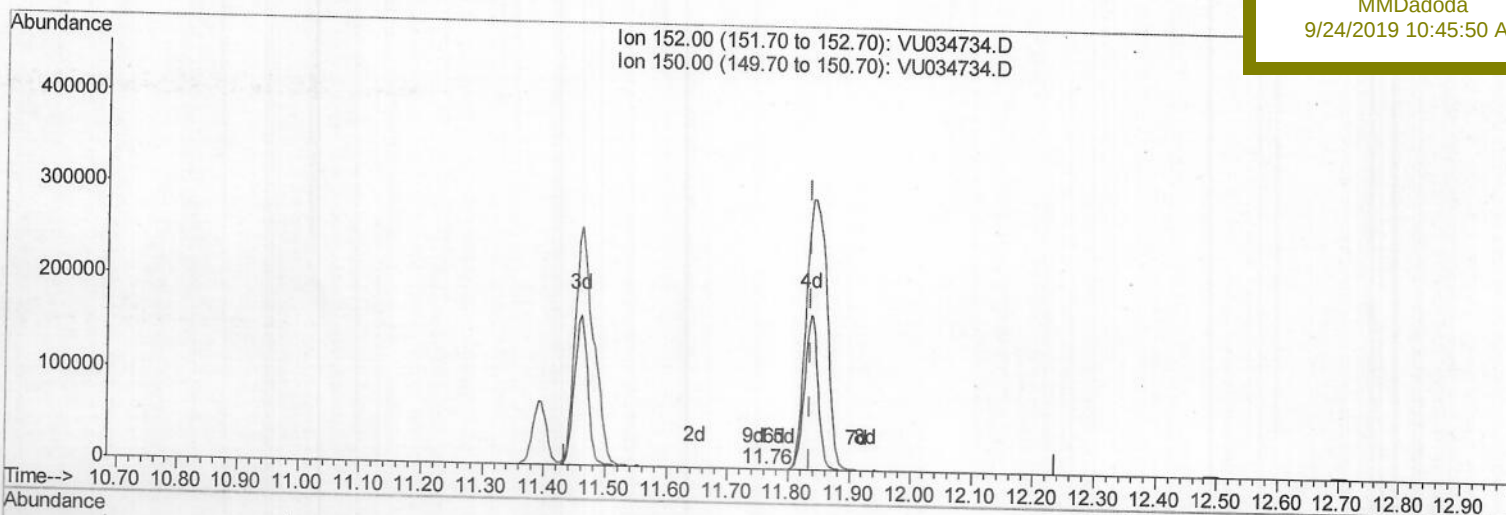
C0AW2

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9/24/2019 10:45:50 AM



TIC: VU034734.D

(64) 1,2-Dichlorobenzene-d4 (S)

11.762min (-0.074) 0.03ug/L

response 176

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	189.77
0.00	0.00	0.00
0.00	0.00	0.00

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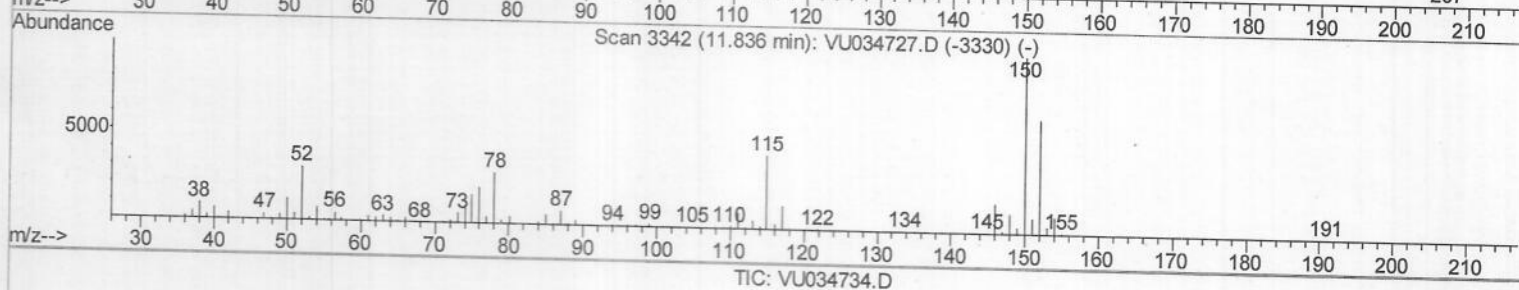
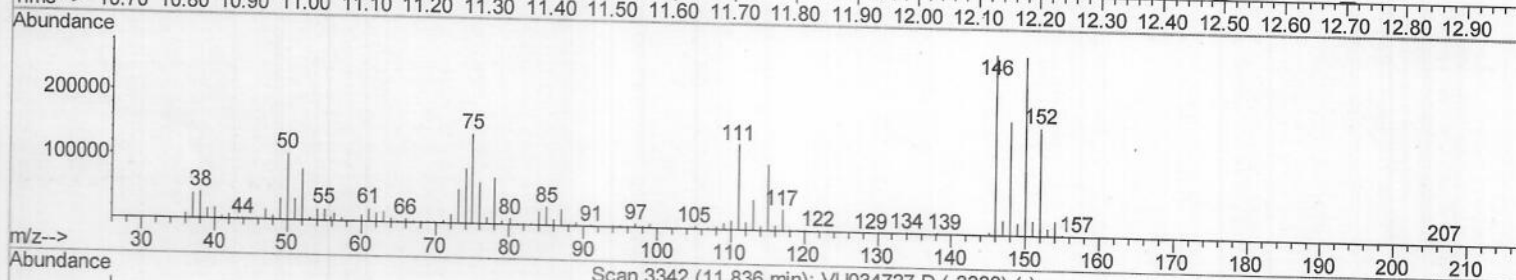
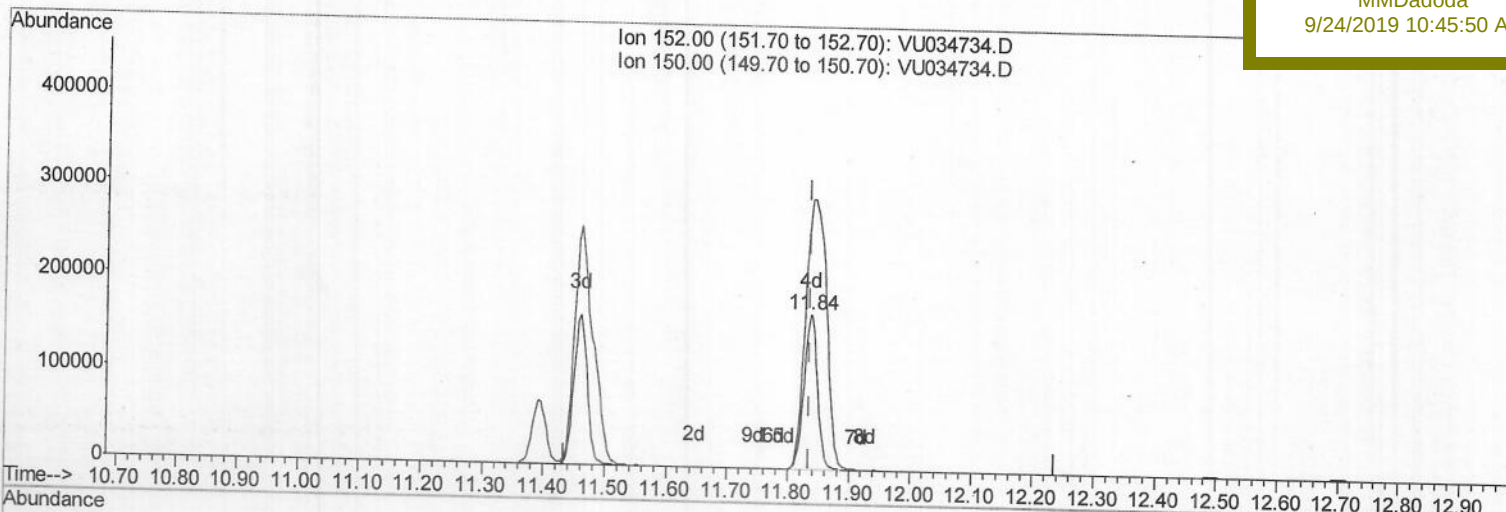
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9/24/2019 10:45:50 AM



(64) 1,2-Dichlorobenzene-d4 (S)

11.836min (+0.000) 50.02ug/L m

response 261343

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	0.13#
0.00	0.00	0.00
0.00	0.00	0.00

> M.D 09/25/19

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Acq On : 23 Sep 2019 15:30

Operator : JC/SP

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Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:45:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	506491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	490083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	249149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	216233	41.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.40%		
7) Chloroethane-d5	1.66	69	173436	43.28	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.56%		
11) 1,1-Dichloroethene-d2	2.25	63	295895	33.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.40%		
21) 2-Butanone-d5	4.15	46	402470	101.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.28%		
24) Chloroform-d	4.62	84	338375	44.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.78%		
26) 1,2-Dichloroethane-d4	5.28	65	261699	47.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.46%		
32) Benzene-d6	5.31	84	727637	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.80%		
36) 1,2-Dichloropropane-d6	6.31	67	256010	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.44%		
41) Toluene-d8	7.54	98	697329	48.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.50%		
43) trans-1,3-Dichloropropene-	7.83	79	121265	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.38%		
47) 2-Hexanone-d5	8.29	63	269473	101.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.05%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349354	47.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.84%		
64) 1,2-Dichlorobenzene-d4	11.84	152	261343m	50.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.04%		

> M.D 09/25/19

Target Compounds

					Qvalue
27) 1,2-Dichloroethane	5.39	62	8525	1.206	ug/L # 93
42) Toluene	7.62	91	21919	1.193	ug/L 97
51) Chlorobenzene	9.10	112	134494	12.044	ug/L 98
52) Ethylbenzene	9.23	91	262389	12.685	ug/L 96
53) m,p-Xylene	9.35	106	343595	46.896	ug/L 99
54) o-xylene	9.76	106	92951	12.827	ug/L 98
62) 1,3-Dichlorobenzene	11.39	146	1023810	118.658	ug/L 98
63) 1,4-Dichlorobenzene	11.48	146	1507304	171.491	ug/L 98
65) 1,2-Dichlorobenzene	11.85	146	2946499	337.979	ug/L 97
68) 1,2,4-trichlorobenzene	13.48	180	87088	19.156	ug/L 99
70) 1,2,3-Trichlorobenzene	13.97	180	25333	5.416	ug/L 97

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