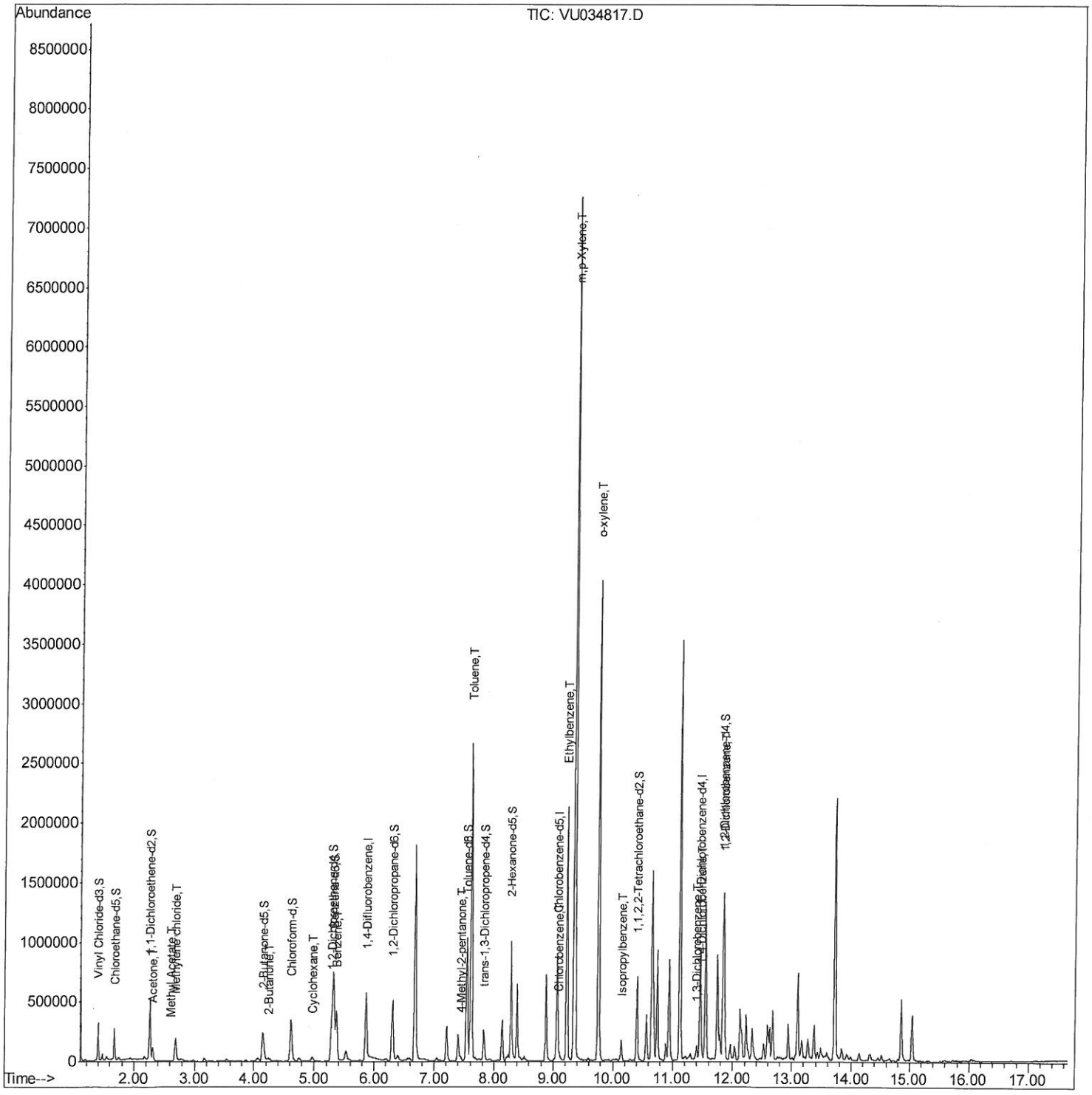
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092519\
Data File : VU034817.D
Acq On : 25 Sep 2019 21:07
Operator : JC/SP
Sample : K4983-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 26 13:23:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDM2

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:42:27 PM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092519\
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Quant Time: Sep 26 08:55:26 2019
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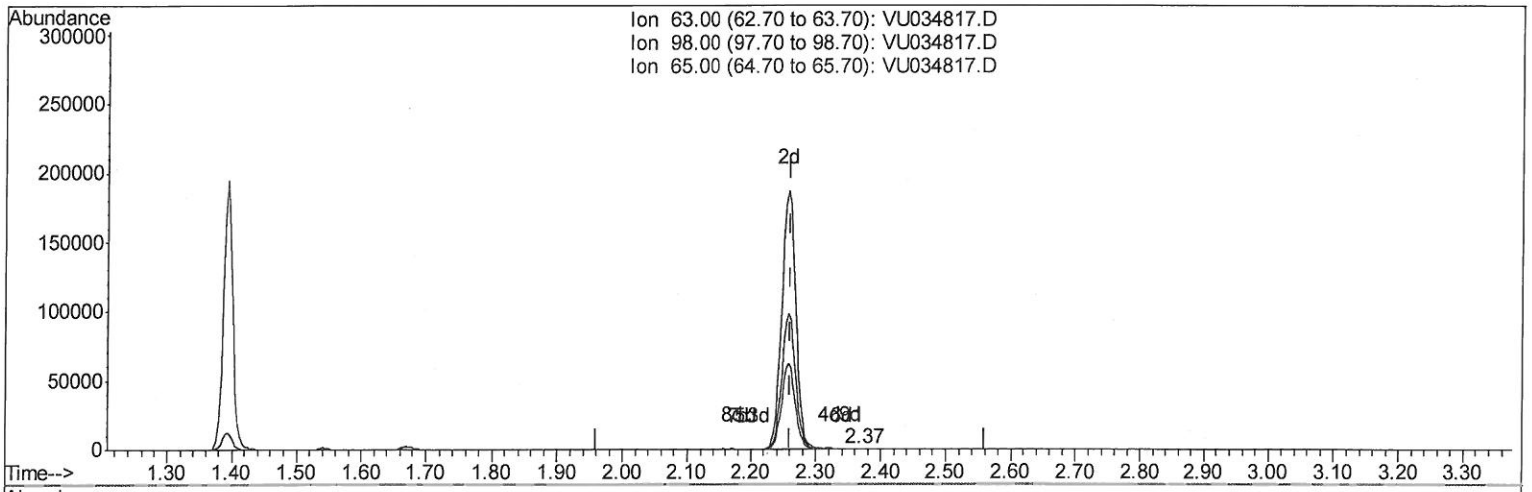

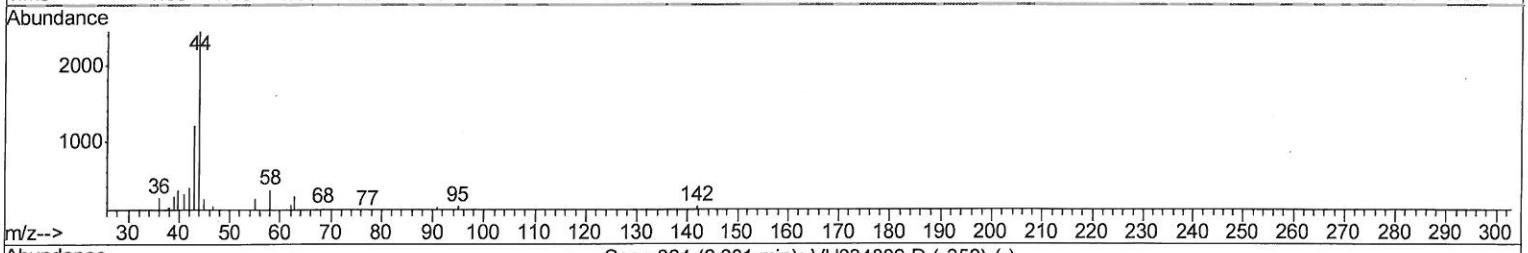

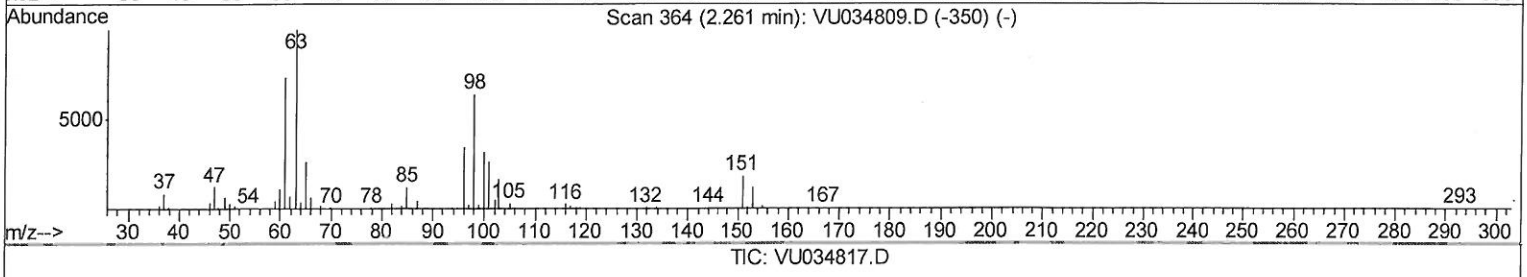

TIC: VU034817.D

(11) 1,1-Dichloroethene-d2 (S)

2.366min (+0.106) 0.02ug/L

response 172

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	70.93
65.00	24.00	25.00
0.00	0.00	0.00

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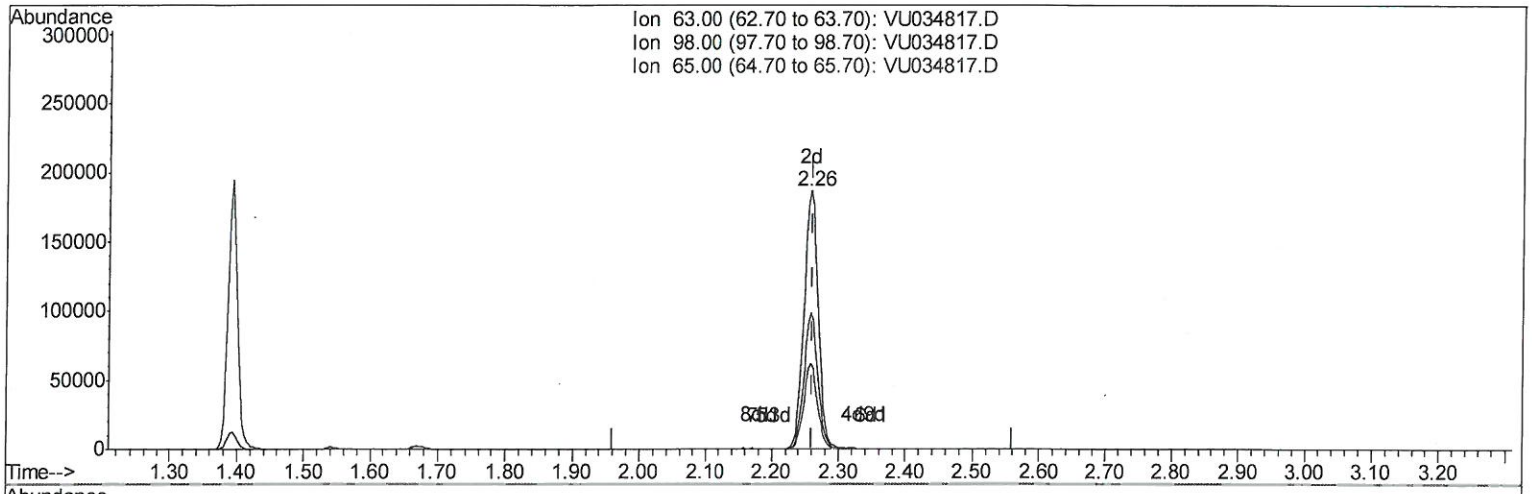

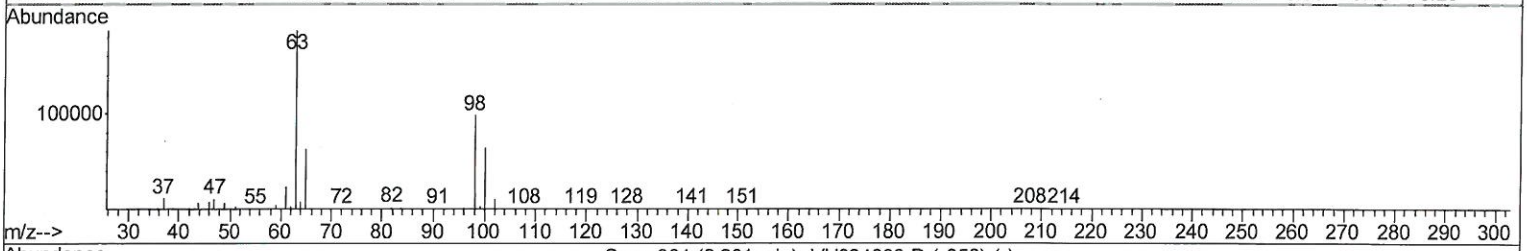

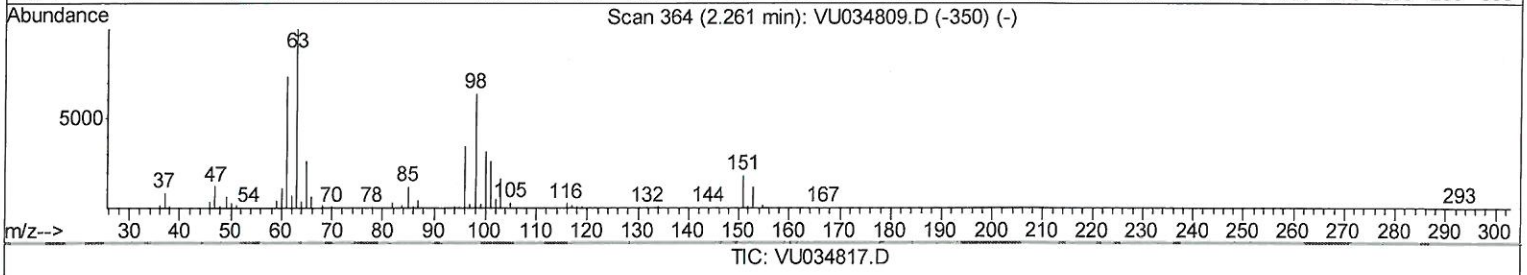

TIC: VU034817.D

(11) 1,1-Dichloroethene-d2 (S)

2.257min (-0.003) 34.87ug/L m

response 279126

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	0.04#
65.00	24.00	0.02#
0.00	0.00	0.00

JMD 9/30/19

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Quant Time: Sep 26 13:23:14 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	461727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	443914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219811	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	195700	41.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.80%			
7) Chloroethane-d5	1.67	69	169782	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.94%			
11) 1,1-Dichloroethene-d2	2.26	63	279126m	34.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.74%			
21) 2-Butanone-d5	4.15	46	403519	111.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.38%			
24) Chloroform-d	4.62	84	328932	47.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.74%			
26) 1,2-Dichloroethane-d4	5.28	65	228978	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.66%			
32) Benzene-d6	5.32	84	699855	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.72%			
36) 1,2-Dichloropropane-d6	6.31	67	245057	50.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.92%			
41) Toluene-d8	7.54	98	668986	51.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.22%			
43) trans-1,3-Dichloropropene-	7.83	79	105528	45.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.64%			
47) 2-Hexanone-d5	8.29	63	297310	123.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.09%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335866	50.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.66%			
64) 1,2-Dichlorobenzene-d4	11.84	152	245374	53.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.46%			

Target Compounds						Qvalue
13) Acetone	2.31	43	123043	29.198	ug/L	96
15) Methyl Acetate	2.60	43	5503	0.978	ug/L #	90
16) Methylene chloride	2.68	84	80416	21.015	ug/L	91
22) 2-Butanone	4.25	43	30587	6.101	ug/L	91
29) Cyclohexane	4.97	56	15970	2.180	ug/L	95
33) Benzene	5.37	78	396721	25.768	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	24349	2.782	ug/L #	95
42) Toluene	7.61	91	1860248	111.801	ug/L	99
51) Chlorobenzene	9.10	112	15680	1.550	ug/L	95
52) Ethylbenzene	9.23	91	1458001	77.815	ug/L	97
53) m,p-Xylene	9.35	106	1896291	285.738	ug/L	97
54) o-xylene	9.76	106	1003389	152.862	ug/L	97
56) Isopropylbenzene	10.14	105	105573	5.965	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	10211	1.341	ug/L	88
63) 1,4-Dichlorobenzene	11.48	146	20941	2.701	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	221540	28.803	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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