

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092519\

Data File : VU034830.D

Acq On : 26 Sep 2019 02:12

Operator : JC/SP

Sample : K4983-20

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 41 Sample Multiplier: 1

Quant Time: Sep 26 09:38:45 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 :

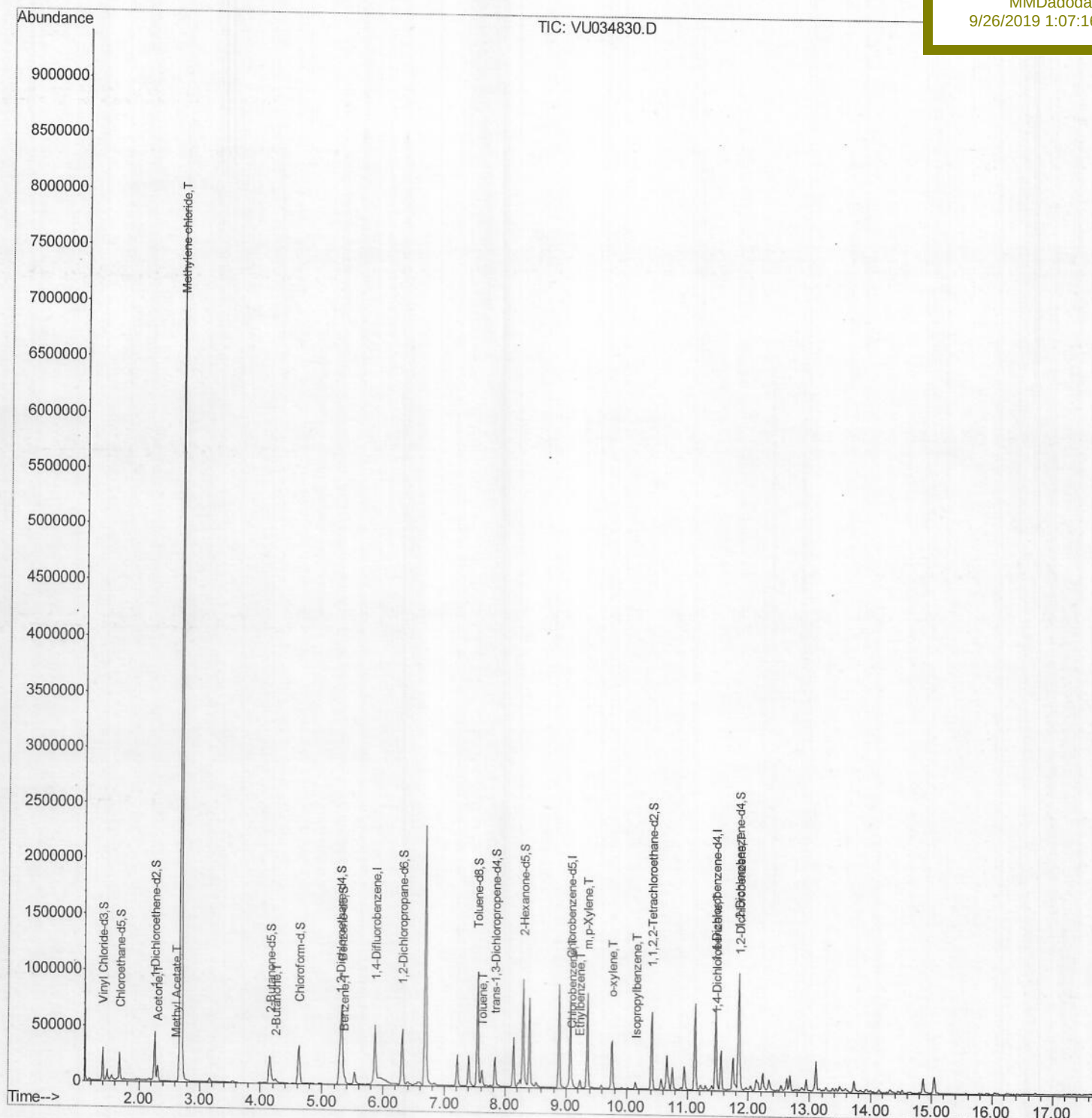
BFDL4

Manual Integrations

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9/26/2019 1:07:16 PM



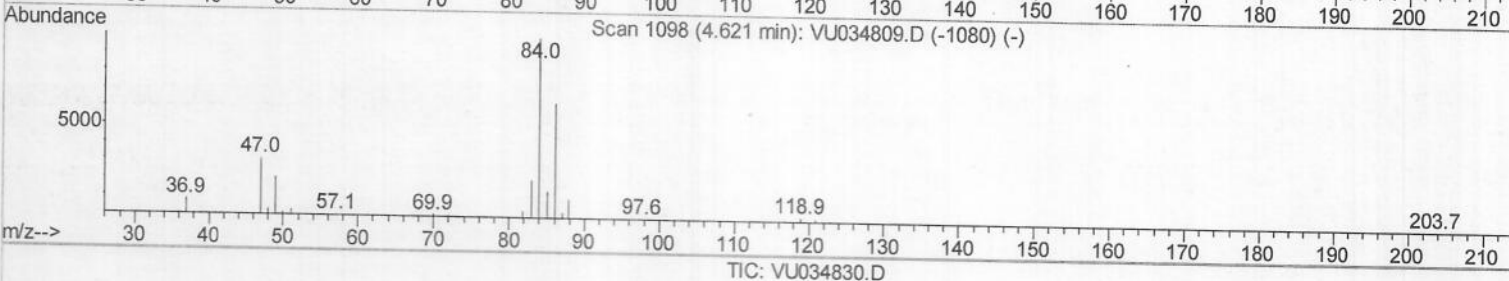
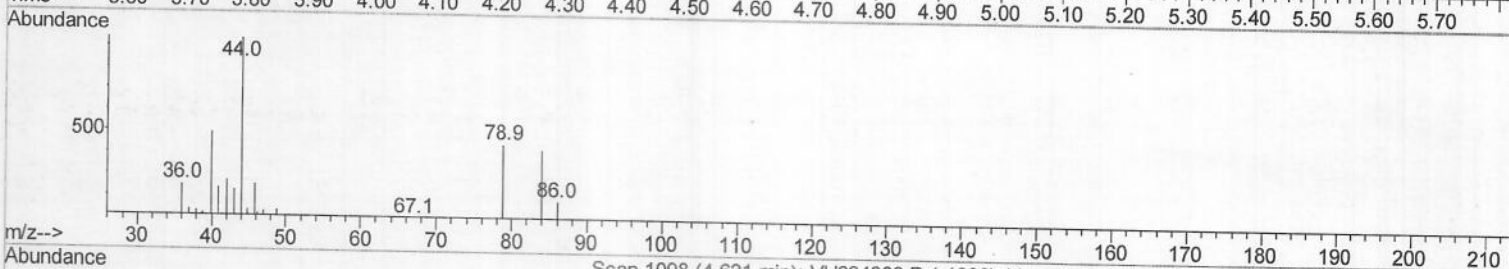
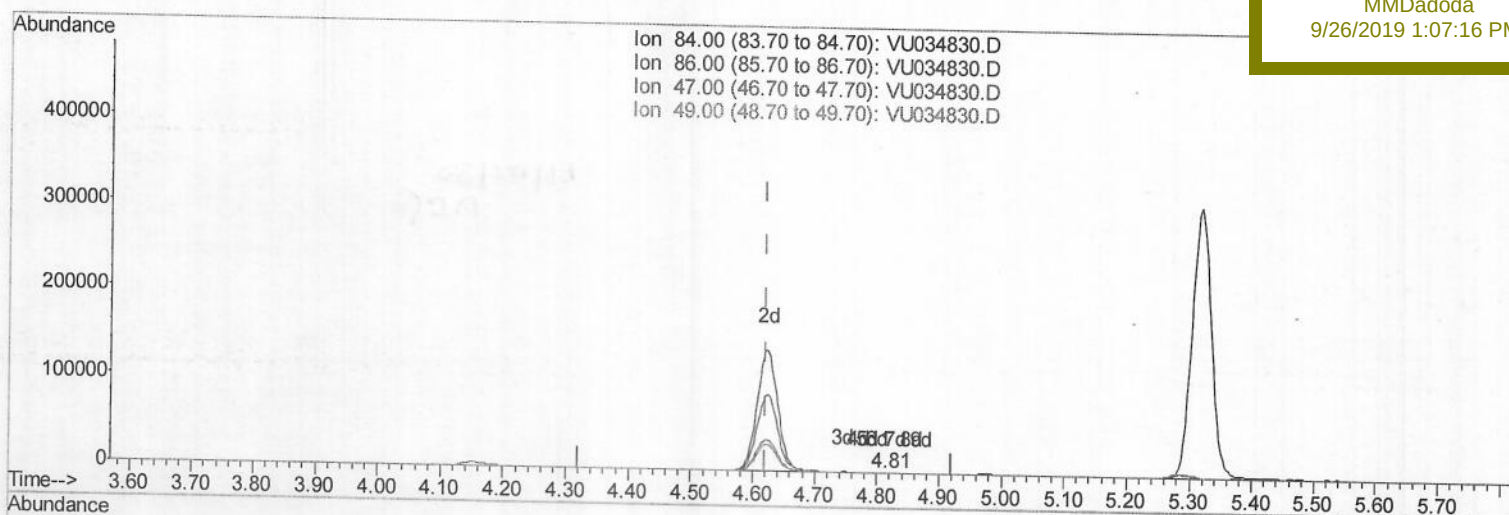
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Quant Time: Sep 26 07:04:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_U
 ClientSampled :
 BFDL4

Manual Integrations
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(24) Chloroform-d (S)

4.813min (+0.193) 0.03ug/L

response 192

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	72.92
47.00	58.40	60.42
49.00	34.10	42.71

Quantitation Report (Qedit)

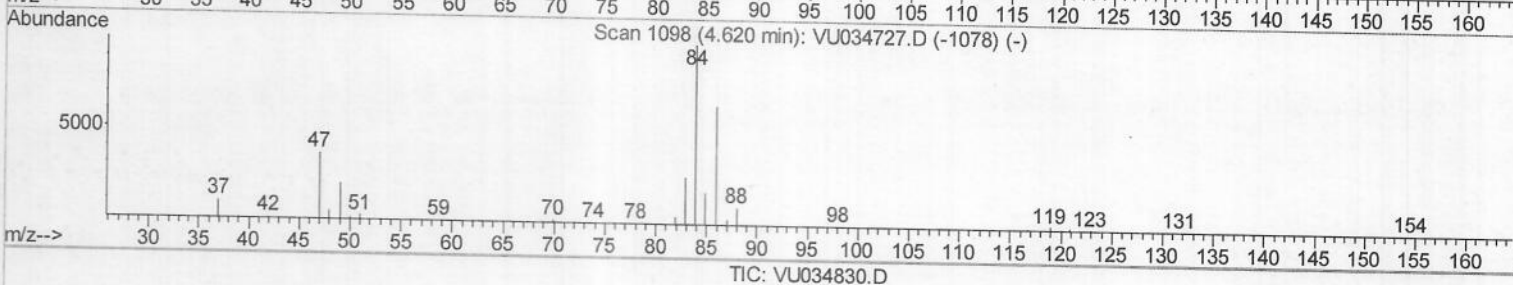
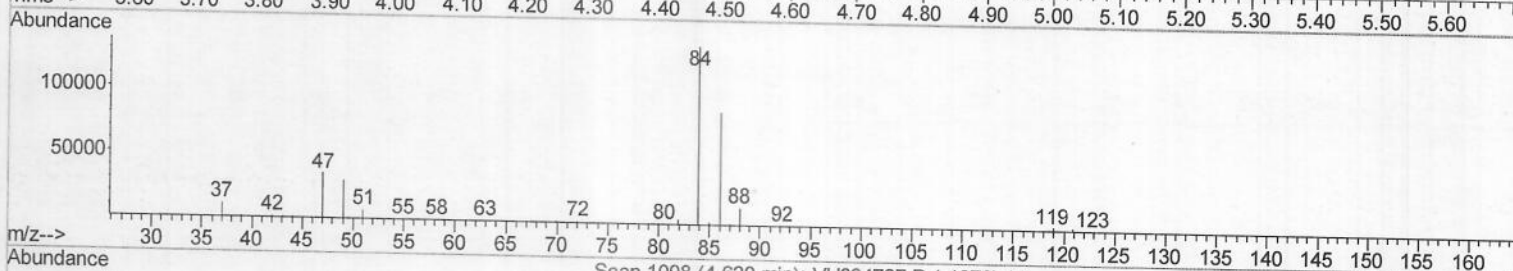
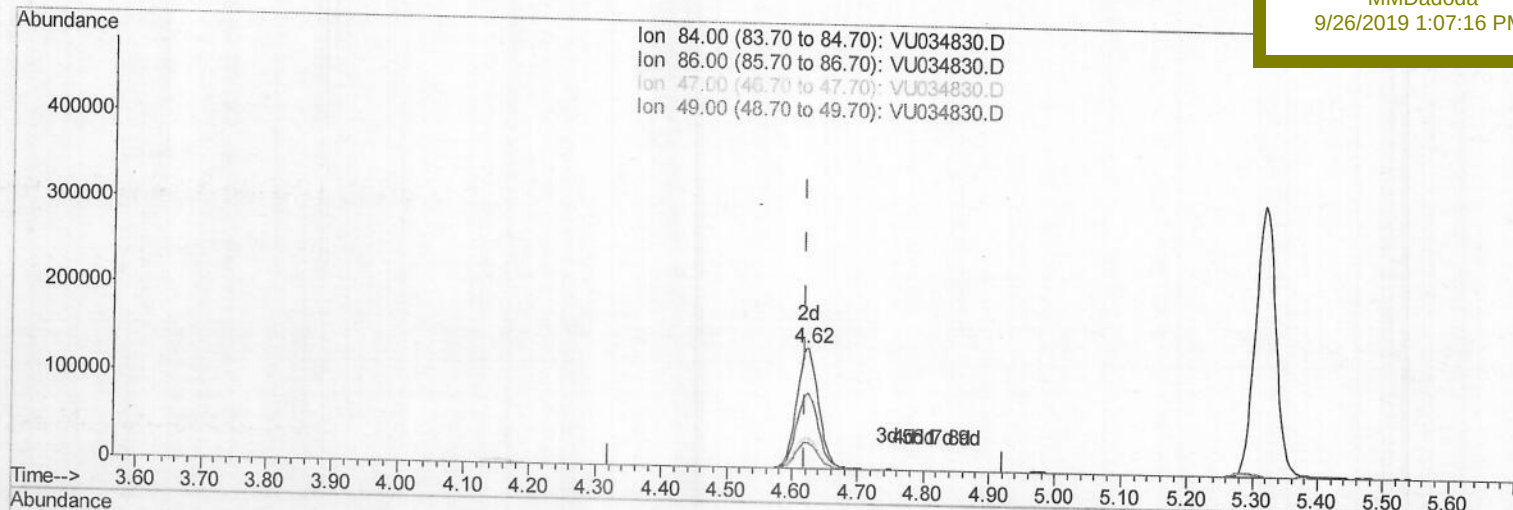
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDL4

Manual Integrations
 APPROVED

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 9/26/2019 1:07:16 PM



(24) Chloroform-d (S)

4.624min (+0.003) 53.09ug/L m

3 MD 09/30/19

response 320397

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	0.04#
47.00	58.40	0.04#
49.00	34.10	0.03#

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 MSVOA_U
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	405478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	387726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	181593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183221	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.28%		
7) Chloroethane-d5	1.67	69	170489	53.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.28%		
11) 1,1-Dichloroethene-d2	2.26	63	246551	35.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.14%		
21) 2-Butanone-d5	4.15	46	416454	130.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	130.90%#		
24) Chloroform-d	4.62	84	320397m	53.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.18%		
26) 1,2-Dichloroethane-d4	5.29	65	224805	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.36%		
32) Benzene-d6	5.32	84	676876	56.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.64%		
36) 1,2-Dichloropropane-d6	6.31	67	241971	57.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	115.22%		
41) Toluene-d8	7.54	98	653223	57.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.26%		
43) trans-1,3-Dichloropropene-	7.83	79	101078	50.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.48%		
47) 2-Hexanone-d5	8.29	63	287429	136.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	136.24%#		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337627	57.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.86%		
64) 1,2-Dichlorobenzene-d4	11.84	152	234596	61.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	123.22%#		

Target Compounds

						Qvalue
13) Acetone	2.31	43	152454	41.195	ug/L	97
15) Methyl Acetate	2.60	43	8334	1.686	ug/L	94
16) Methylene chloride	2.68	84	3112469	926.202	ug/L	96
22) 2-Butanone	4.25	43	58438	13.273	ug/L	99
33) Benzene	5.37	78	56865	4.229	ug/L	100
42) Toluene	7.62	91	102852	7.077	ug/L	97
51) Chlorobenzene	9.10	112	18105	2.049	ug/L	92
52) Ethylbenzene	9.23	91	51483	3.146	ug/L	96
53) m,p-Xylene	9.35	106	228775	39.468	ug/L	95
54) o-xylene	9.76	106	91635	15.983	ug/L	89
56) Isopropylbenzene	10.14	105	35692	2.309	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	16120	2.516	ug/L	94
65) 1,2-Dichlorobenzene	11.86	146	53684	8.449	ug/L	98

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