

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\

Data File : VU031179.D

Acq On : 14 Apr 2019 00:25

Operator : JC/SP

Sample : K2339-01

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 15 12:17:41 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 14 02:24:32 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

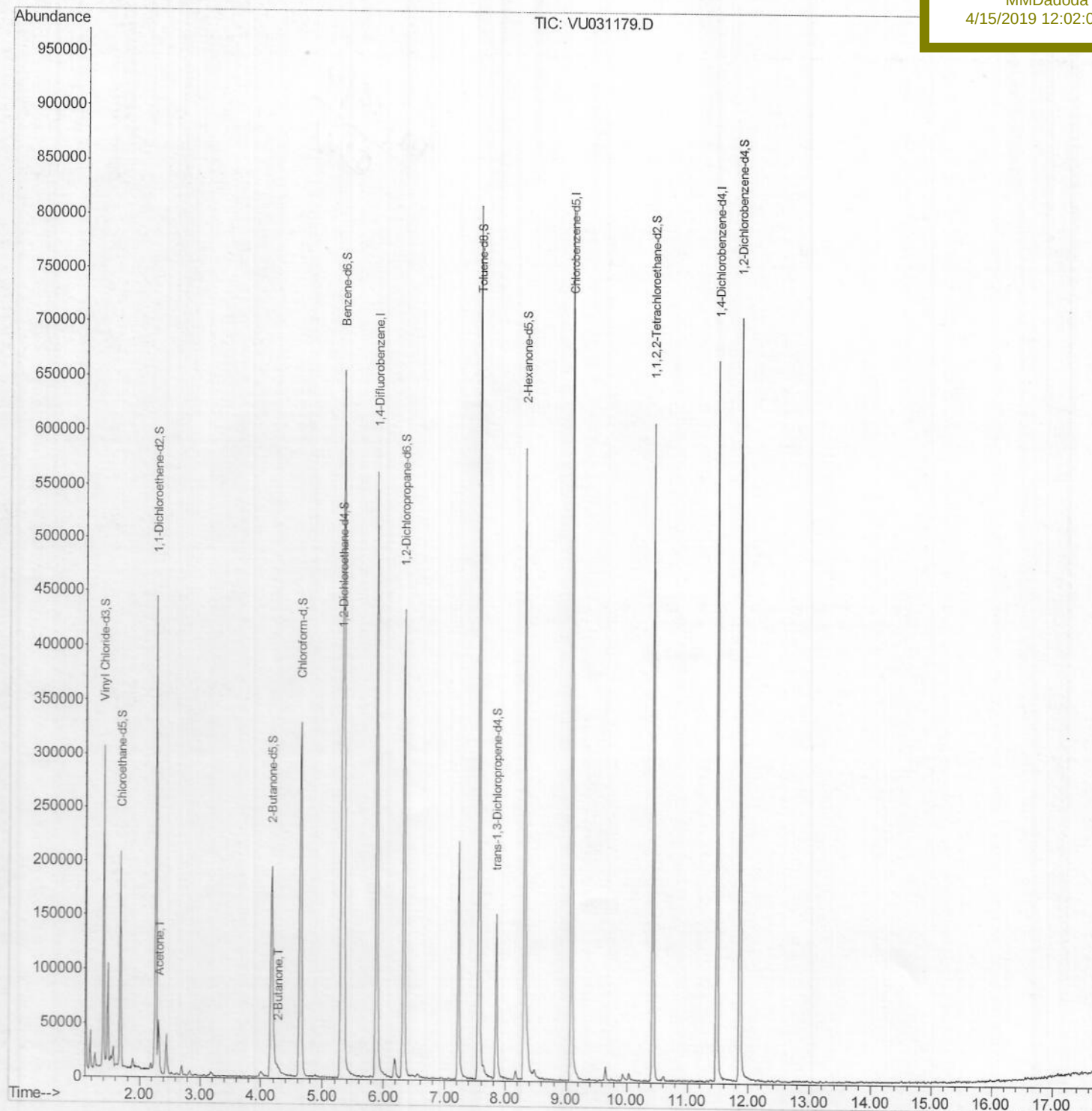
BFC47

Manual Integrations

APPROVED

MMDadoda

4/15/2019 12:02:01 PM



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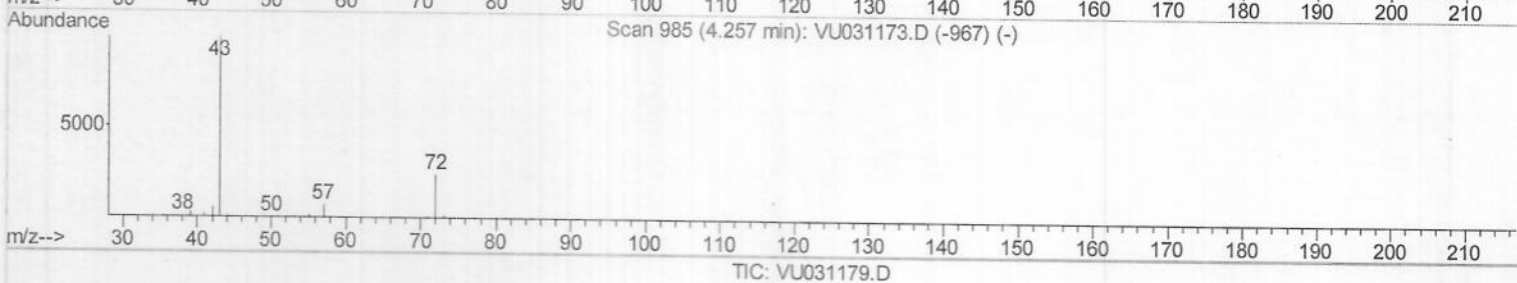
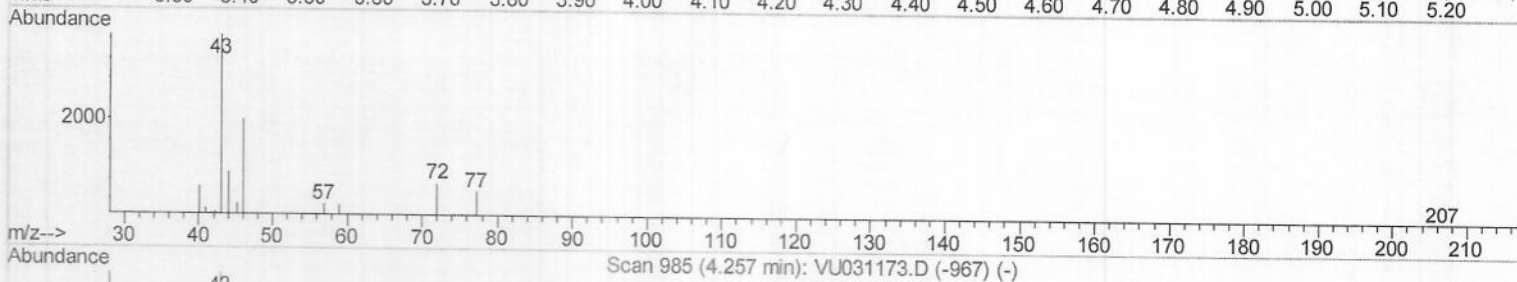
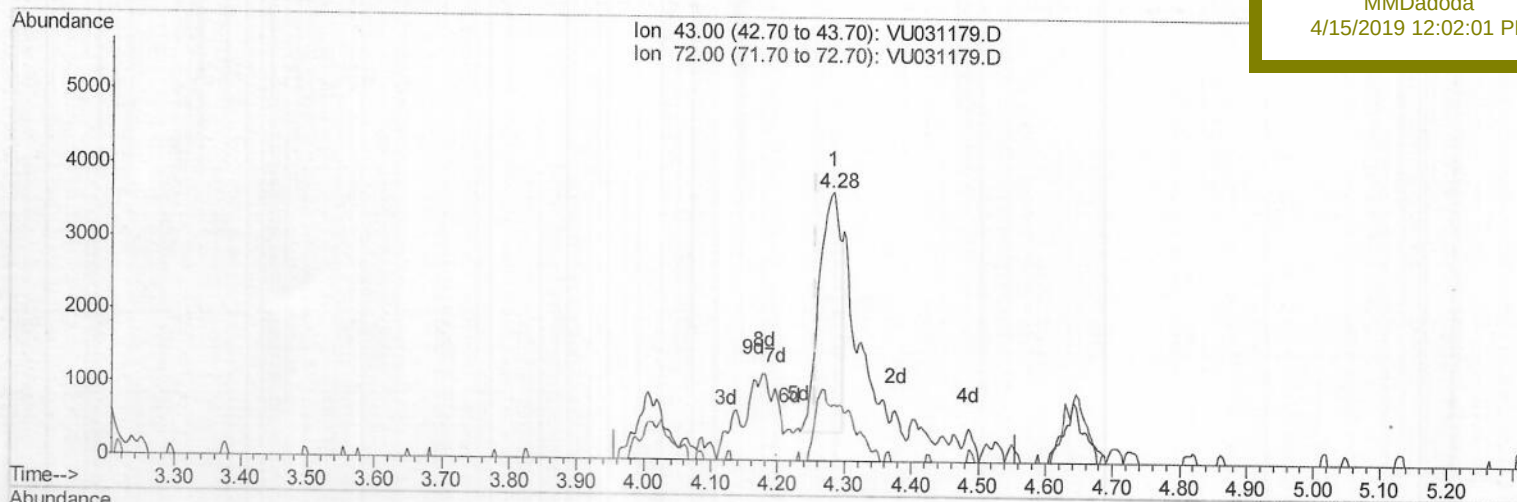
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(22) 2-Butanone (T)

4.283min (+0.026) 1.81ug/L

response 7223

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	19.76
0.00	0.00	0.00
0.00	0.00	0.00

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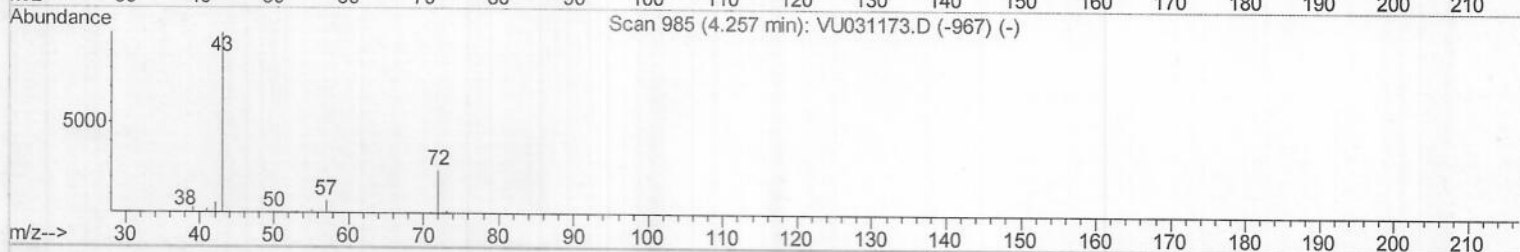
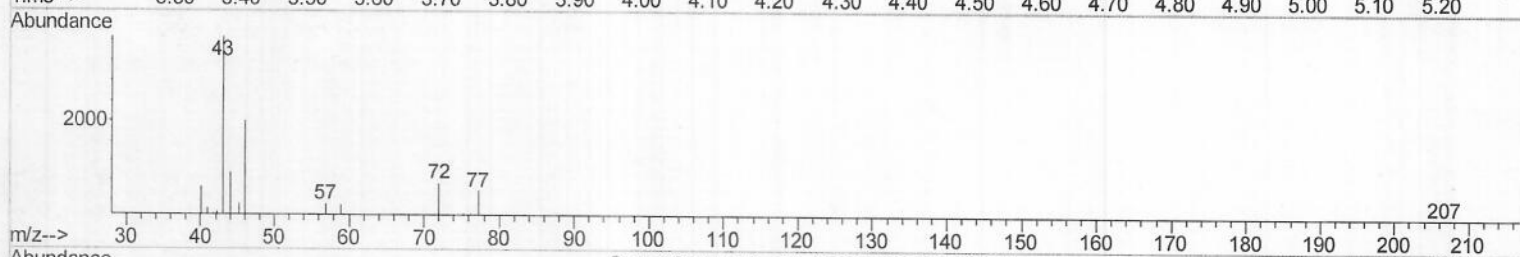
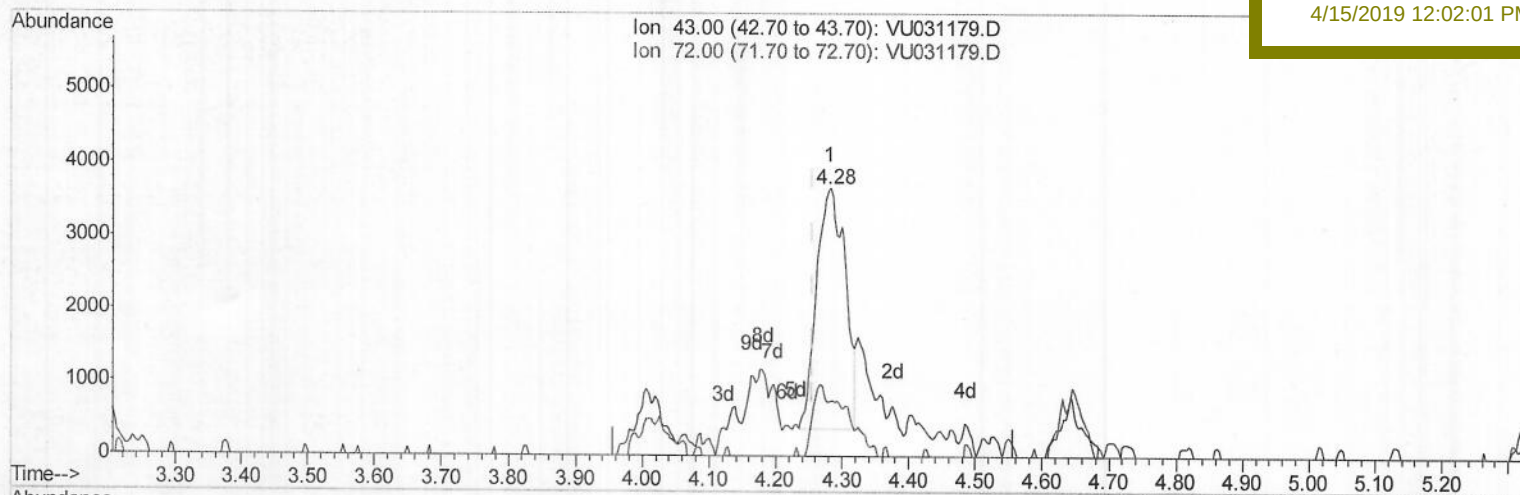
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MSVOA_U

ClientSampleId :

BFC47

Manual Integrations
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4/15/2019 12:02:01 PM

TIC: VU031179.D

(22) 2-Butanone (T)

4.283min (+0.026) 2.45ug/L m

response 9776

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	14.60
0.00	0.00	0.00
0.00	0.00	0.00

m. D
4/16/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	190424	45.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.70%		
7) Chloroethane-d5	1.67	69	151974	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.36%		
11) 1,1-Dichloroethene-d2	2.27	63	255540	33.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.30%		
21) 2-Butanone-d5	4.17	46	328352	98.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.66%		
24) Chloroform-d	4.64	84	330612	51.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.08%		
26) 1,2-Dichloroethane-d4	5.30	65	220739	50.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.86%		
32) Benzene-d6	5.33	84	654719	48.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.34%		
36) 1,2-Dichloropropane-d6	6.32	67	220136	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.50%		
41) Toluene-d8	7.56	98	551712	46.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.54%		
43) trans-1,3-Dichloropropene-	7.85	79	93163	44.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.64%		
47) 2-Hexanone-d5	8.31	63	194173	92.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.15%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311286	50.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.12%		
64) 1,2-Dichlorobenzene-d4	11.86	152	192227	54.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.42%		

Target Compounds

13) Acetone	2.32	43	49701	14.594	ug/L	99
22) 2-Butanone	4.28	43	9776m	2.448	ug/L	

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

M.D
4/16/19