

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031519\

Quantitation Report (QT Reviewed)

Data File : VU030032.D

Acq On : 13 Mar 2019 15:49

Operator : JC/SP

Sample : K1838-13

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 14 03:50:08 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 14 01:36:14 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

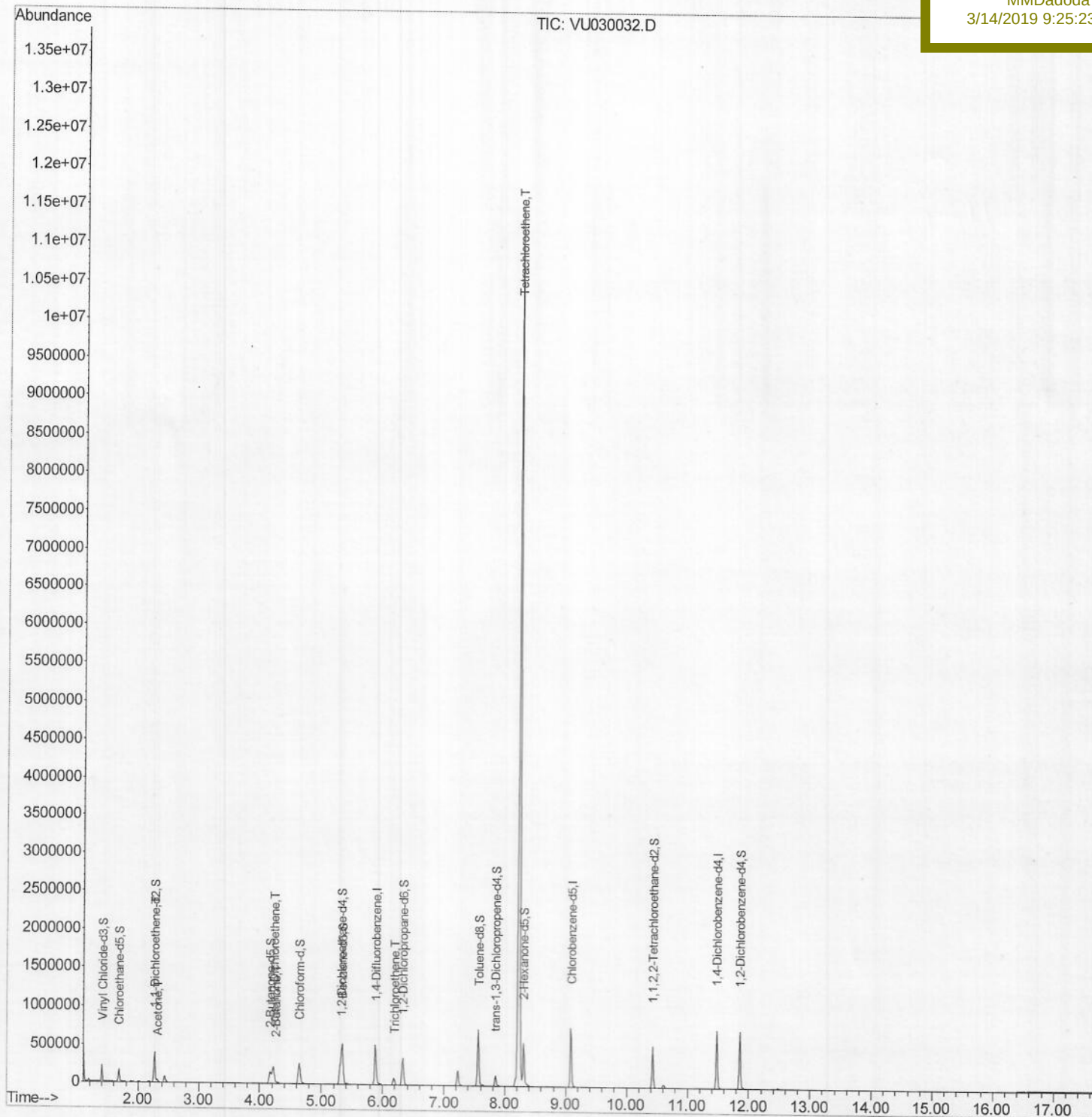
BF1B2

Manual Integrations

APPROVED

MMDadoda

3/14/2019 9:25:23 AM



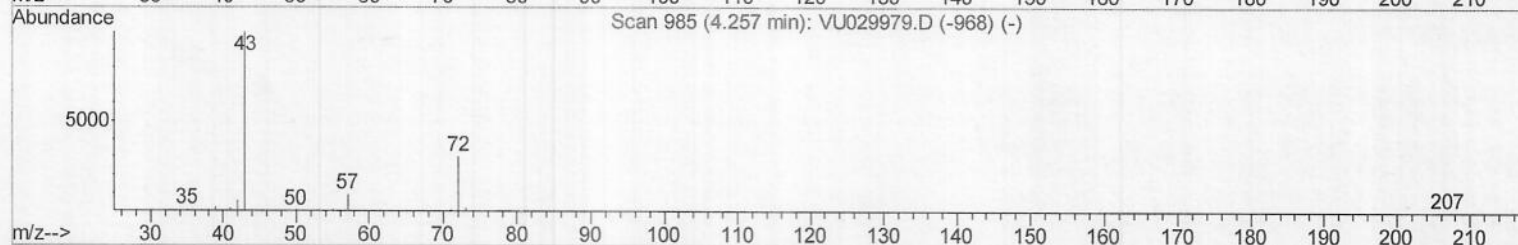
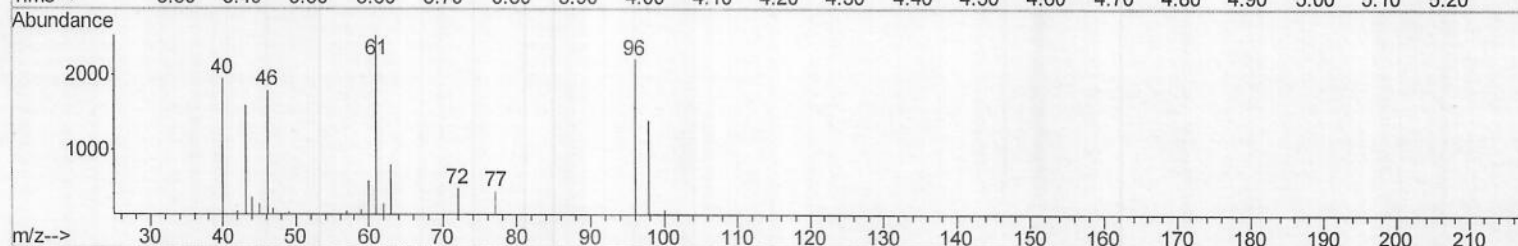
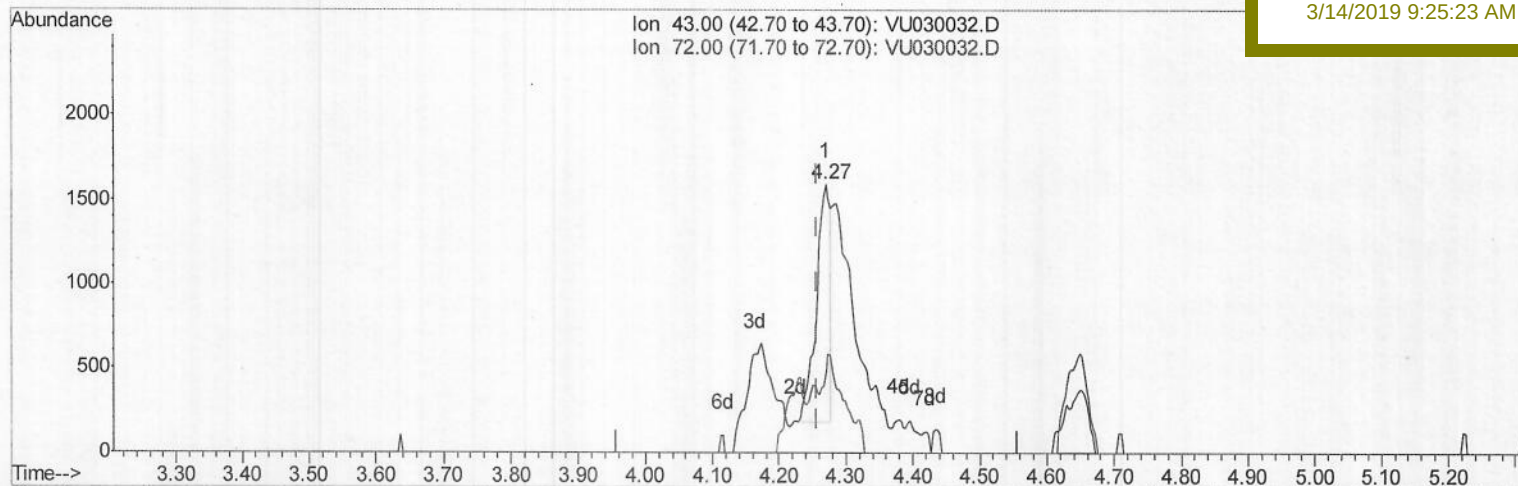
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TIC: VU030032.D

(22) 2-Butanone (T)

4.270min (+0.013) 0.64ug/L

response 2024

Ion	Exp%	Act%
43.00	100	100
72.00	30.60	33.84
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

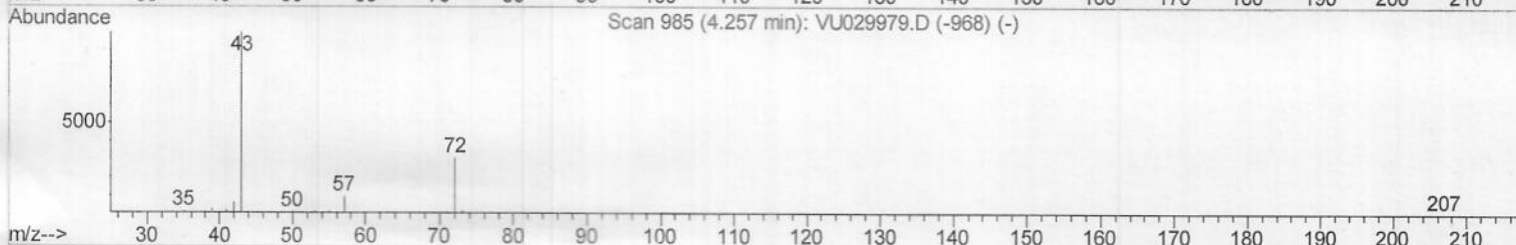
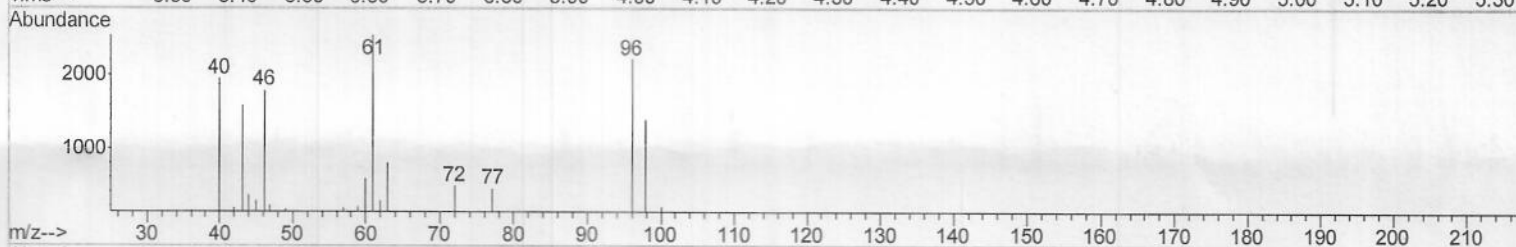
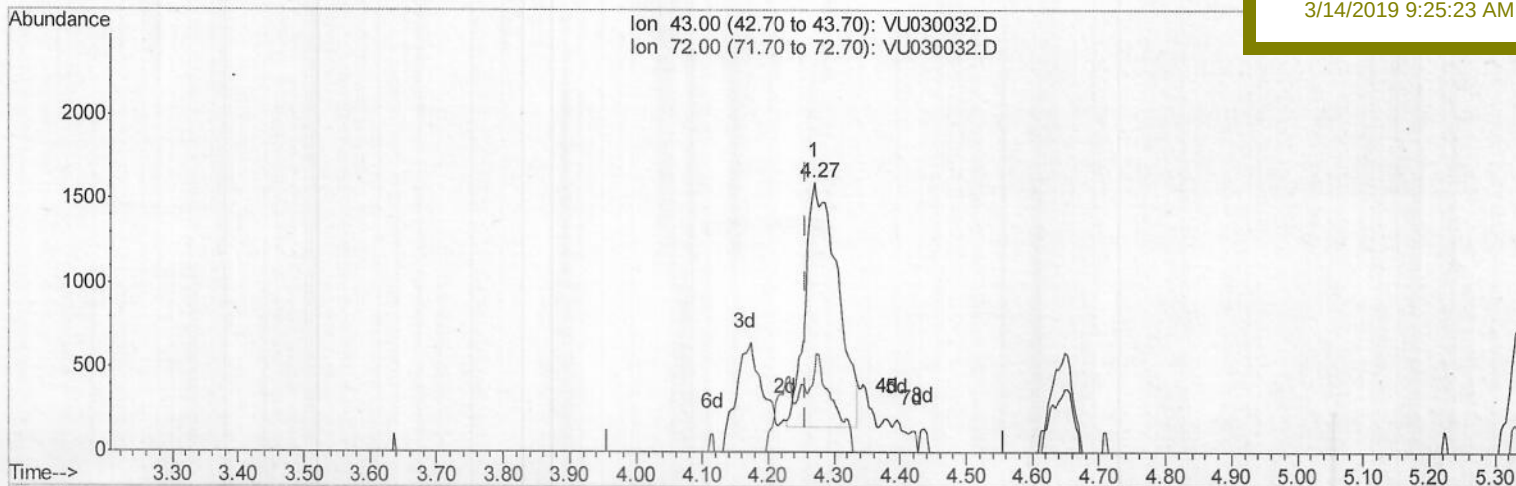
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Manual Integrations
APPROVED

MMDadoda
3/14/2019 9:25:23 AM



TIC: VU030032.D

(22) 2-Butanone (T)

4.270min (+0.013) 1.56ug/L m

response 4927

Ion	Exp%	Act%
43.00	100	100
72.00	30.60	13.90#
0.00	0.00	0.00
0.00	0.00	0.00

m.d
03/20/19

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MSVOA_U
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Manual Integrations
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3/14/2019 9:25:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480112	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141093	44.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.86%		
7) Chloroethane-d5	1.68	69	119913	46.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.56%		
11) 1,1-Dichloroethene-d2	2.27	63	206858	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.18%		
21) 2-Butanone-d5	4.17	46	240956	101.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.27%		
24) Chloroform-d	4.64	84	266923	46.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.72%		
26) 1,2-Dichloroethane-d4	5.31	65	164395	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.90%		
32) Benzene-d6	5.34	84	583925	48.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.26%		
36) 1,2-Dichloropropane-d6	6.32	67	184130	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.20%		
41) Toluene-d8	7.56	98	526584	46.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.66%		
43) trans-1,3-Dichloropropene-	7.85	79	82771	46.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.98%		
47) 2-Hexanone-d5	8.31	63	212279	103.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.23%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276606	48.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.96%		
64) 1,2-Dichlorobenzene-d4	11.86	152	218779	51.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.58%		

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.28	96	22522	7.484	ug/L	# 1
13) Acetone	2.32	43	26255	9.438	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	127368	34.141	ug/L	94
22) 2-Butanone	4.27	43	4927m	1.556	ug/L	99
34) Trichloroethene	6.18	95	32370	9.252	ug/L	99
46) Tetrachloroethene	8.22	164	2808086	917.168	ug/L	99

M.D
03/20/19

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