Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\

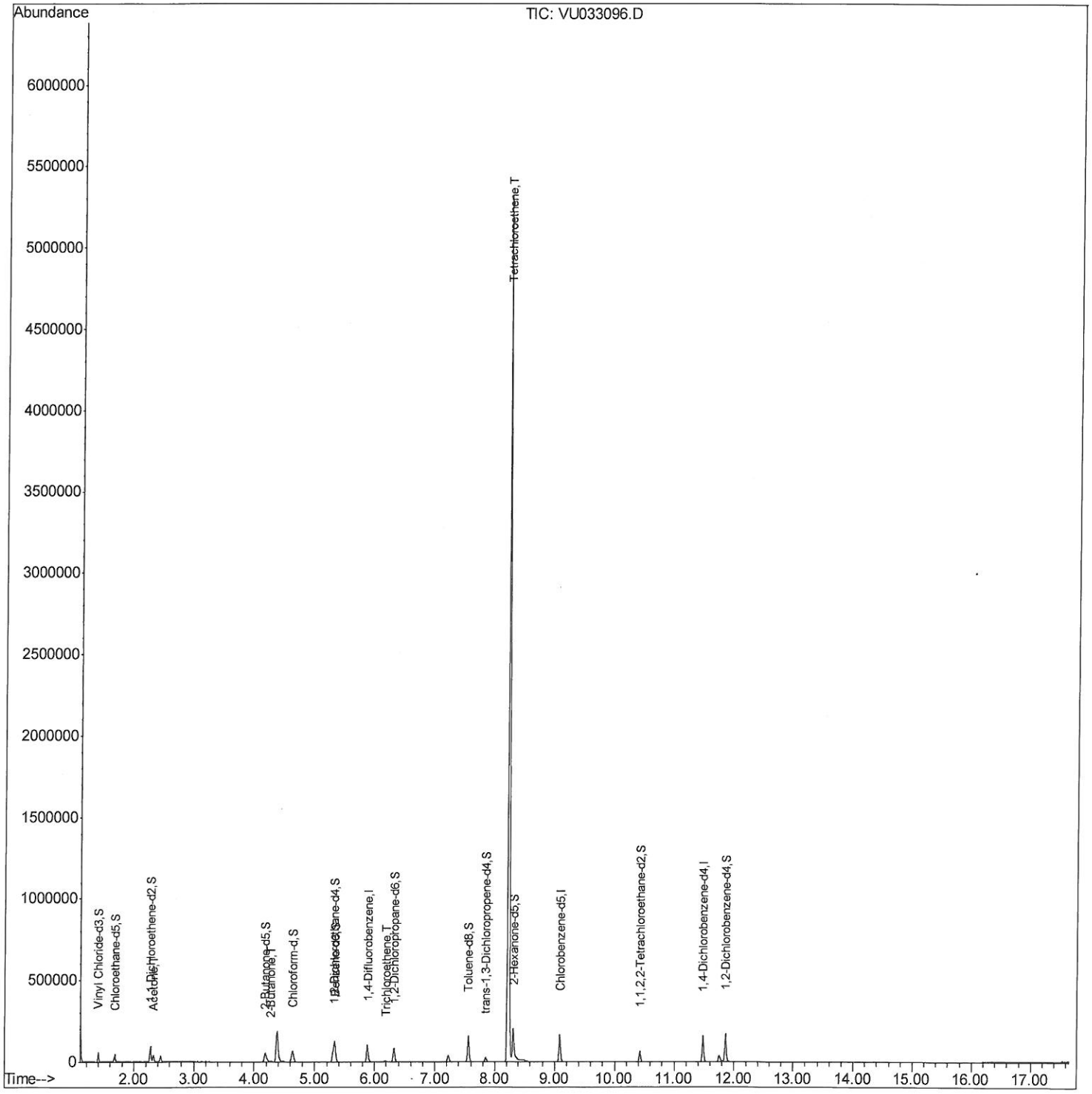
Quantitation Report (QT Reviewed)

Data File : VU033096.D
Acq On : 29 Jun 2019 01:33
Operator : JC/SP
Sample : K3597-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 29 03:37:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM77

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:50 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\

Quantitation Report (Qedit)

Data File : VU033096.D
Acq On : 29 Jun 2019 01:33
Operator : JC/SP
Sample : K3597-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 29 03:32:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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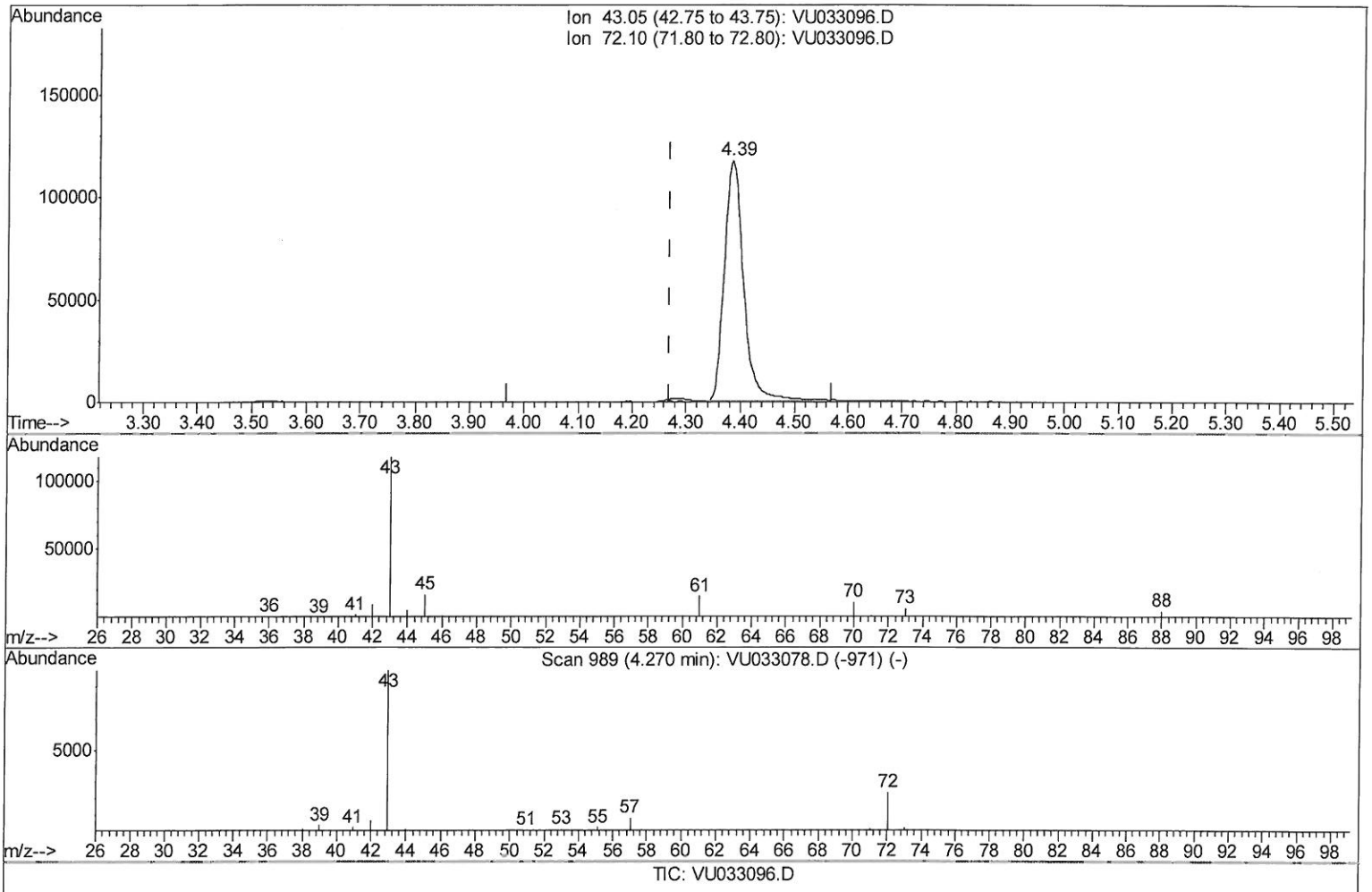
Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:50 PM



TIC: VU033096.D

(21) 2-Butanone (T)

4.386min (+0.116) 141.91ug/L

response 288170

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	0.19#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\

Quantitation Report (Qedit)

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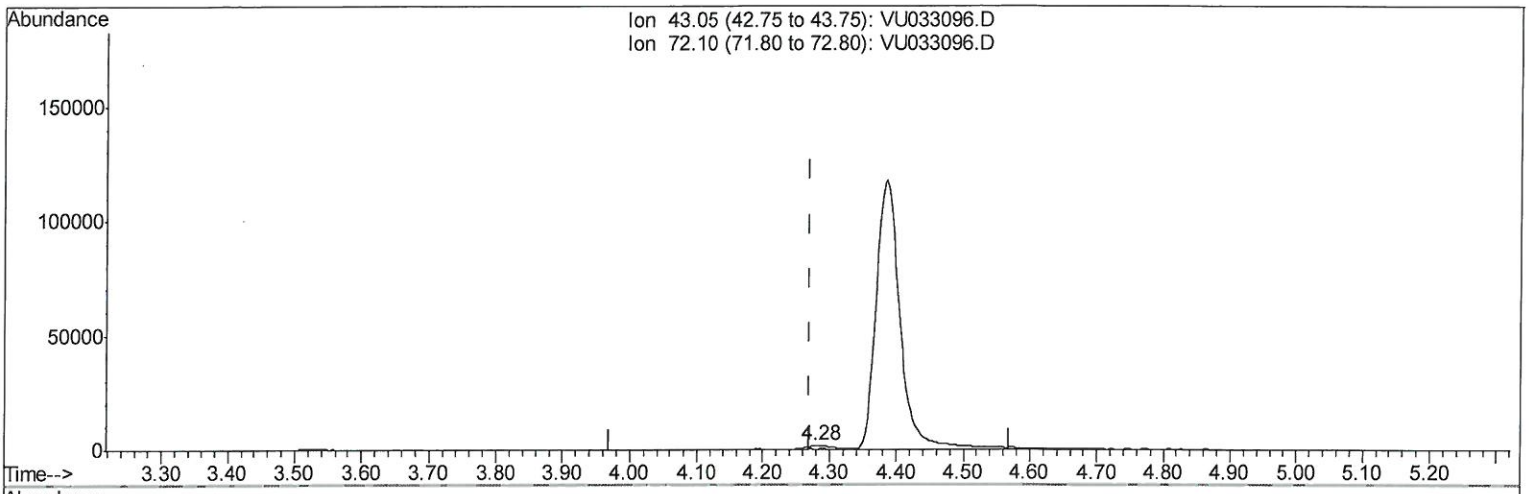
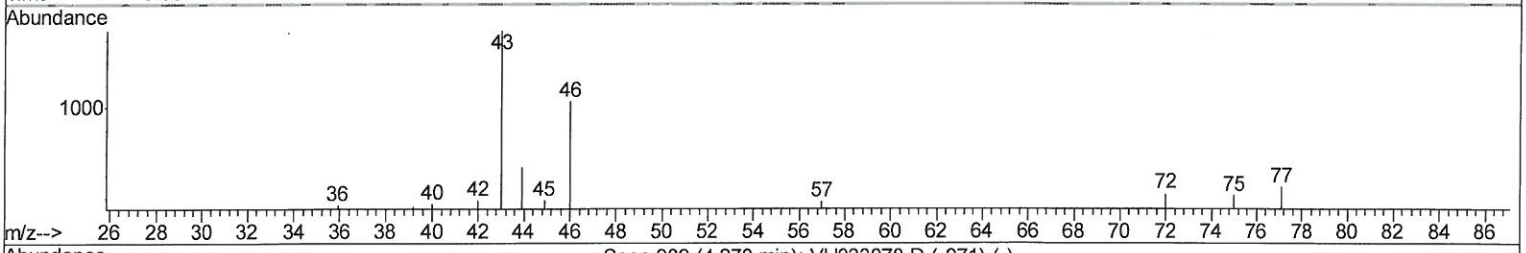
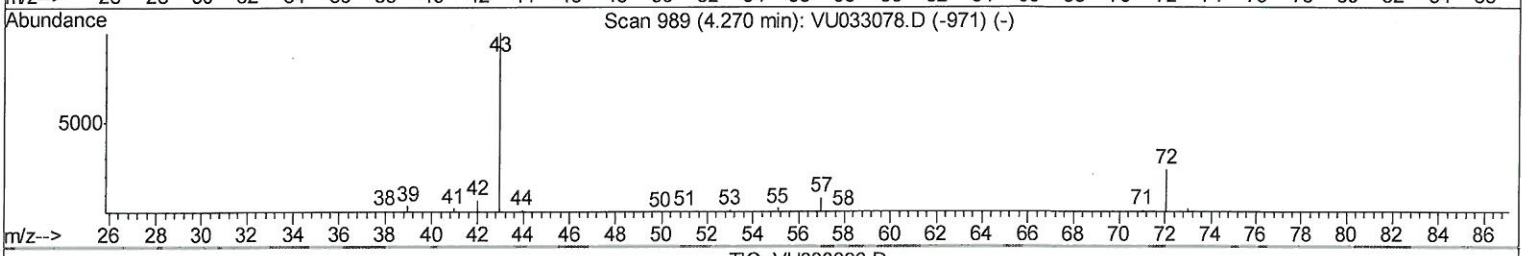
Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:50 PM







TIC: VU033096.D

(21) 2-Butanone (T)

4.280min (+0.010) 2.38ug/L m

response 4824

MD 7/3/19

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	11.26#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GAM77

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42510	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	37001	6.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 131.20%#			
7) Chloroethane-d5	1.68	69	29089	6.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 126.20%			
11) 1,1-Dichloroethene-d2	2.27	63	56261	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	4.19	46	91926	53.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.40%			
24) Chloroform-d	4.64	84	64213	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.31	65	36119	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.33	84	120286	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
36) 1,2-Dichloropropane-d6	6.32	67	39153	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.56	98	105260	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	7.85	79	14875	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.31	63	63532	50.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30735	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	45407	5.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	46393	32.161	ug/L	99
21) 2-Butanone	4.28	43	4824m	2.376	ug/L	
34) Trichloroethene	6.18	95	2508	0.347	ug/L	78
47) Tetrachloroethene	8.22	164	1097012	188.678	ug/L	97

MD 7/3/19

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