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

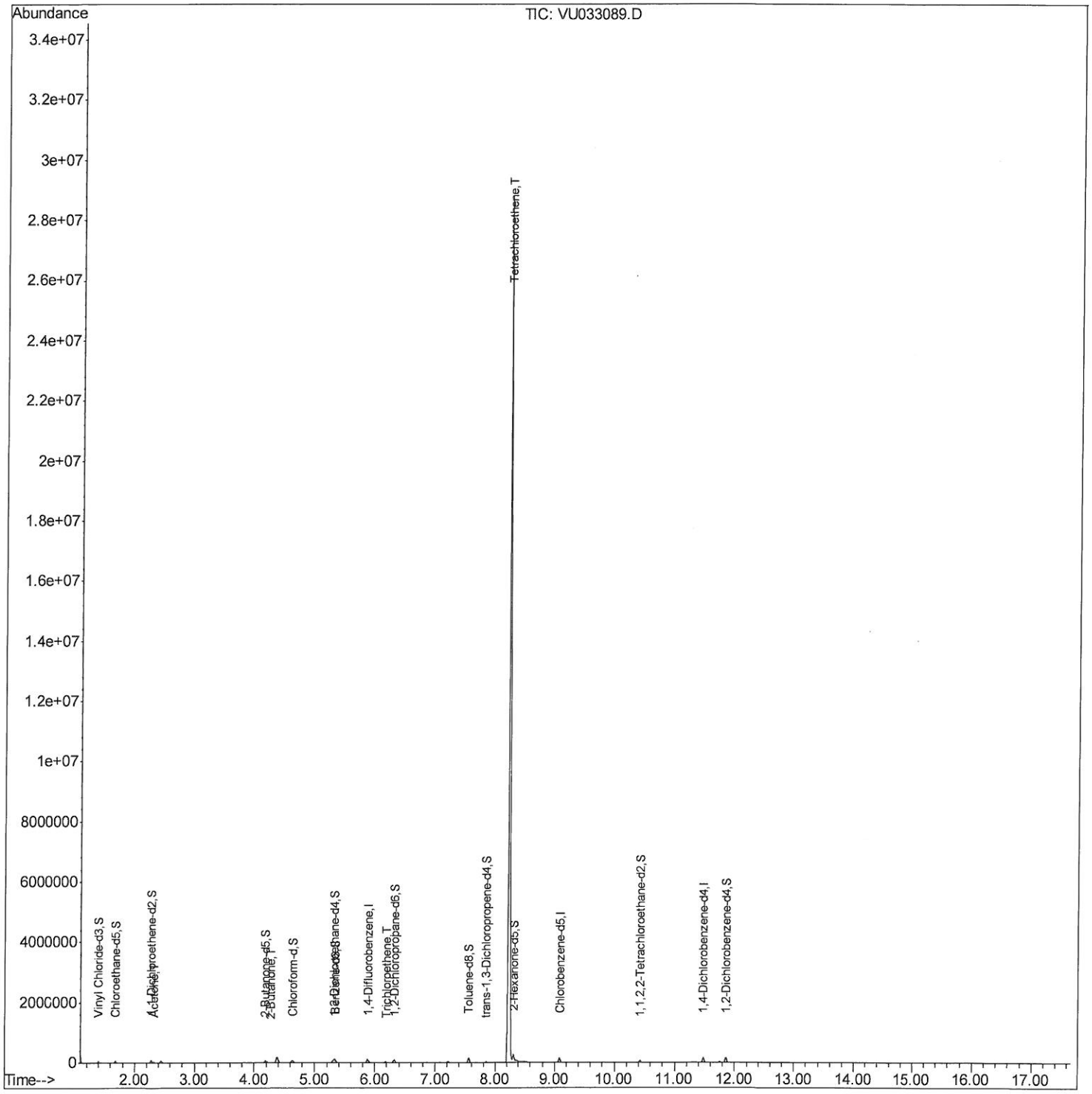
Quantitation Report (QT Reviewed)

Data File : VU033089.D
Acq On : 28 Jun 2019 22:44
Operator : JC/SP
Sample : K3597-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 29 01:48:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM70

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:44 PM



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

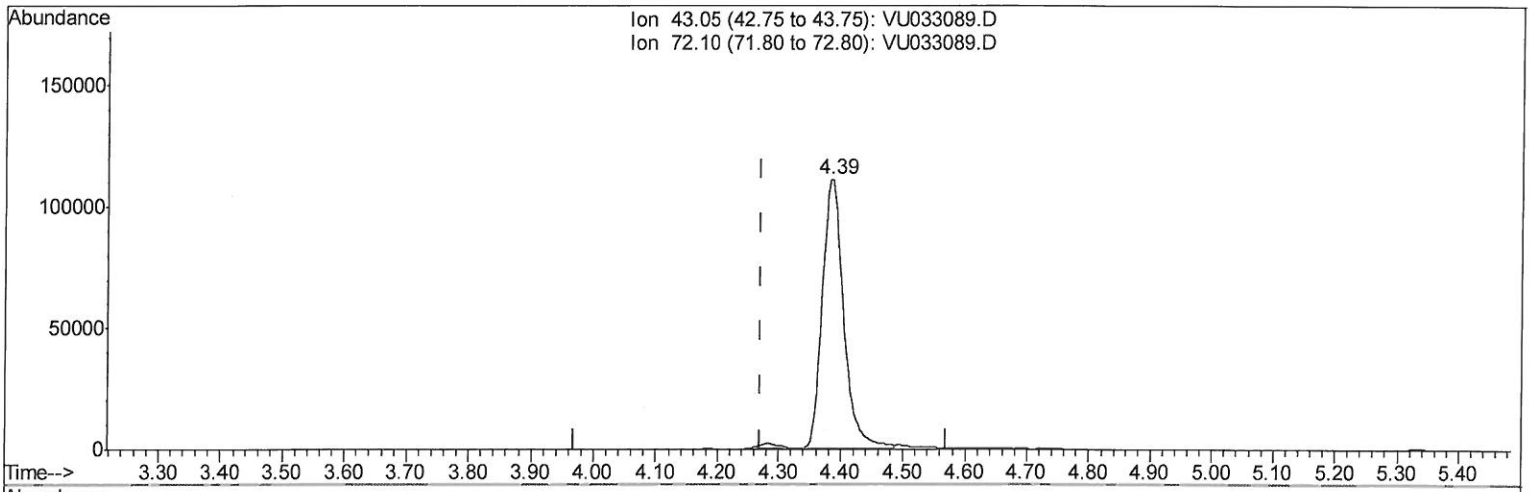
Quantitation Report (Qedit)

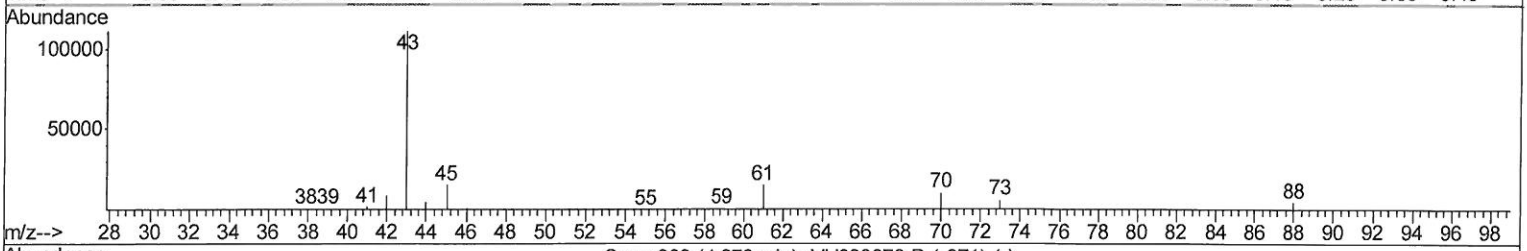
Data File : VU033089.D
Acq On : 28 Jun 2019 22:44
Operator : JC/SP
Sample : K3597-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

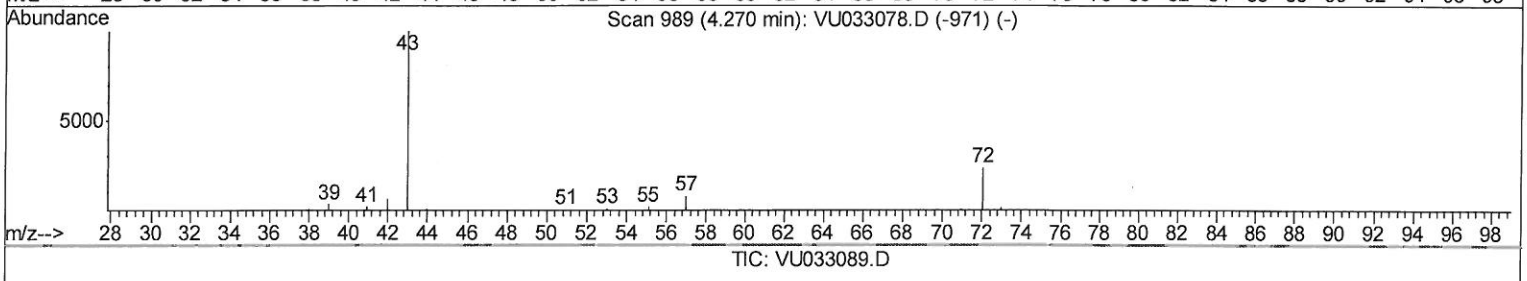
Quant Time: Jun 29 01:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM70

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:44 PM







TIC: VU033089.D

(21) 2-Butanone (T)

4.386min (+0.116) 126.68ug/L

response 264537

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	0.58#
0.00	0.00	0.00
0.00	0.00	0.00

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

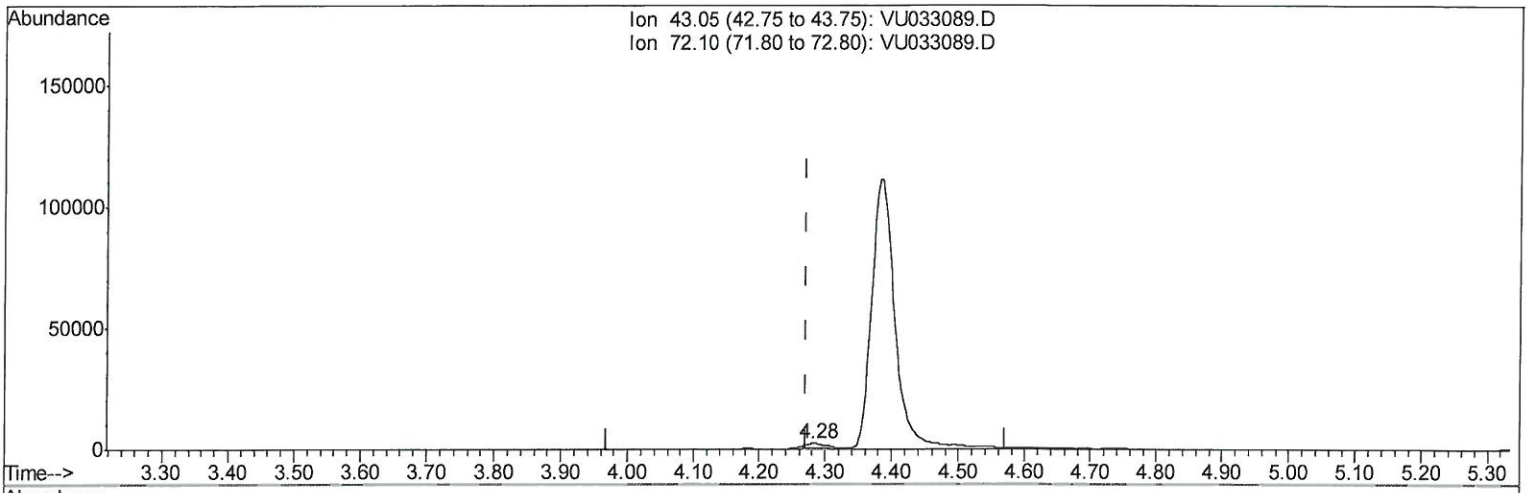
Quantitation Report (Qedit)

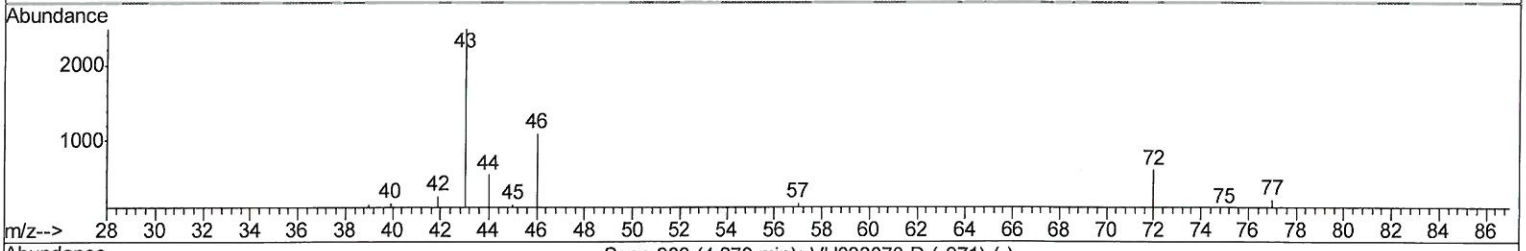
Data File : VU033089.D
Acq On : 28 Jun 2019 22:44
Operator : JC/SP
Sample : K3597-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

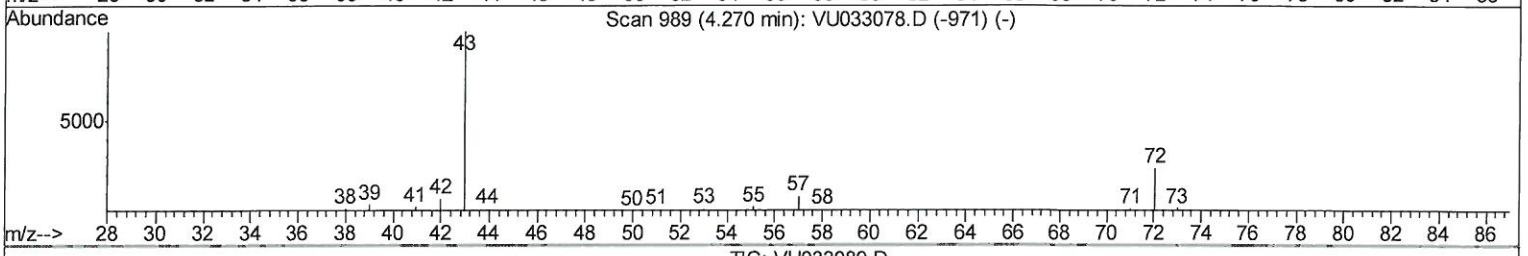
Quant Time: Jun 29 01:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM70

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:44 PM







TIC: VU033089.D

(21) 2-Butanone (T)

4.283min (+0.013) 3.29ug/L m

response 6866

7MD 7/3/19

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	22.41
0.00	0.00	0.00
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : VU033089.D
Acq On : 28 Jun 2019 22:44
Operator : JC/SP
Sample : K3597-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 29 01:48:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GAM70

Manual Integrations APPROVED
MMDadoda
7/1/2019 1:04:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	86261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42336	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	37612	6.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 129.80%			
7) Chloroethane-d5	1.68	69	28642	6.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.80%			
11) 1,1-Dichloroethene-d2	2.27	63	57082	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.19	46	94762	53.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.66%			
24) Chloroform-d	4.64	84	64435	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
26) 1,2-Dichloroethane-d4	5.31	65	36992	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
32) Benzene-d6	5.33	84	123428	5.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.60%			
36) 1,2-Dichloropropane-d6	6.32	67	39315	5.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.20%			
41) Toluene-d8	7.56	98	107481	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	7.85	79	15216	5.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.60%			
46) 2-Hexanone-d5	8.31	63	67185	55.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31486	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	44890	5.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.00%			
Target Compounds						Qvalue
13) Acetone	2.32	43	41928	28.264	ug/L	98
21) 2-Butanone	4.28	43	6866m	3.288	ug/L	
34) Trichloroethene	6.18	95	5639	0.810	ug/L	97
47) Tetrachloroethene	8.23	164	5649337	1008.366	ug/L	94

JMD 7/3/19

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