

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
 Data File : VU029640.D
 Acq On : 22 Feb 2019 23:12
 Operator : JC/SP
 Sample : K1581-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB621

Quant Time: Feb 23 00:08:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 23:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87556	25.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.60%#
7) Chloroethane-d5	1.68	69	81182	26.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.82%#
11) 1,1-Dichloroethene-d2	2.27	63	121412	18.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	36.62%#
21) 2-Butanone-d5	4.18	46	148230	71.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.79%
24) Chloroform-d	4.65	84	171395	31.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.28%#
26) 1,2-Dichloroethane-d4	5.31	65	112704	32.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.70%#
32) Benzene-d6	5.34	84	354986	32.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.12%#
36) 1,2-Dichloropropane-d6	6.33	67	113948	34.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.40%#
41) Toluene-d8	7.56	98	315160	27.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.78%#
43) trans-1,3-Dichloropropene-	7.85	79	49328	27.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.82%#
47) 2-Hexanone-d5	8.31	63	121550	65.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	183689	32.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	138576	30.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.82%#

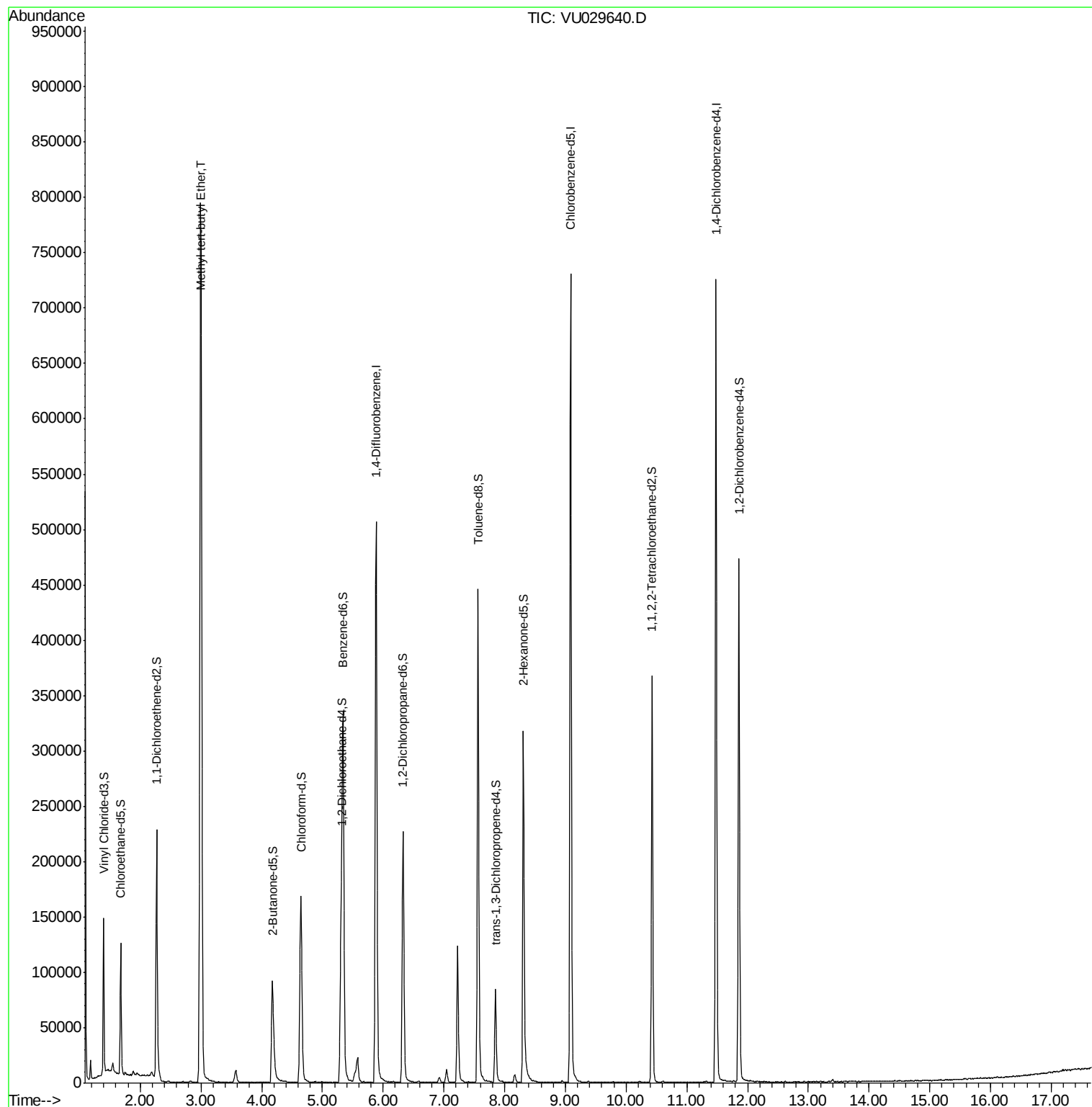
Target Compounds					Ovalue
18) Methyl tert-butyl Ether	3.00	73	881616	100.614 ug/L	99

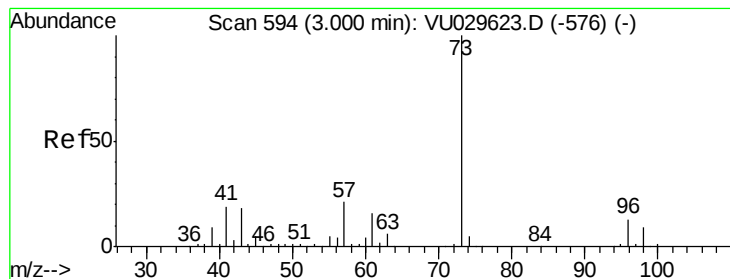
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

Methyl tert-butyl Ether

Concen: 100.614 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU029640.D

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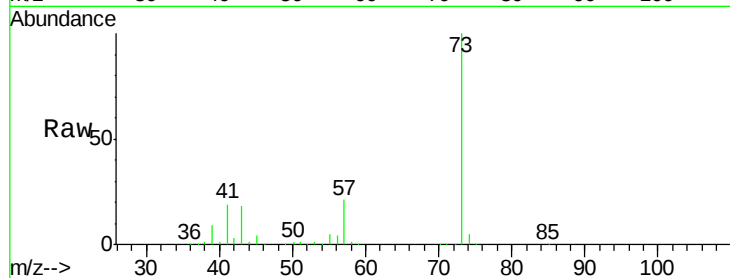
Tot Ion: 73 Resp: 881616

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.3 16.5 24.7



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

