

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026066.D
 Acq On : 13 Aug 2018 14:20
 Operator : MD/SY
 Sample : J4401-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZG5

Quant Time: Aug 14 01:52:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	278786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95419	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.64%
7) Chloroethane-d5	1.68	69	79024	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.27	63	146111	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
21) 2-Butanone-d5	4.18	46	149759	88.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	4.65	84	207827	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.31	65	140014	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.34	84	402675	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.33	67	131148	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.57	98	366172	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	63870	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.31	63	103307	85.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	176815	45.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	143158	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

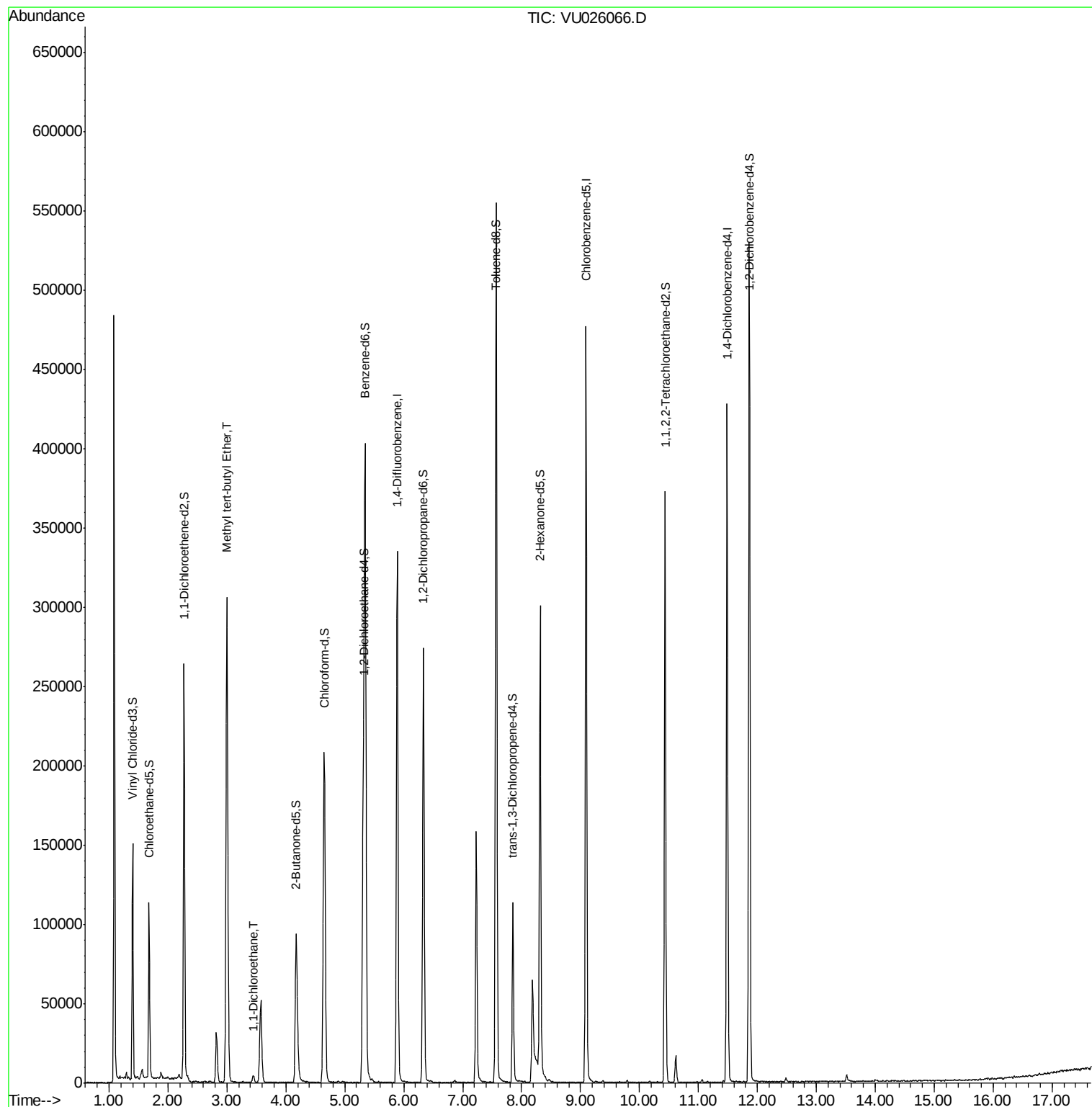
Target Compounds						Ovalue
18) Methyl tert-butyl Ether	3.00	73	320051	54.30	ug/L	99
19) 1,1-Dichloroethane	3.45	63	5216	1.50	ug/L	93

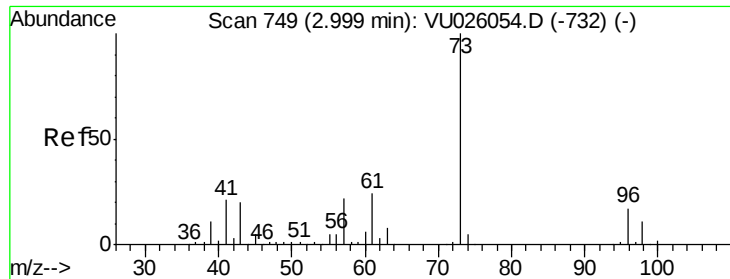
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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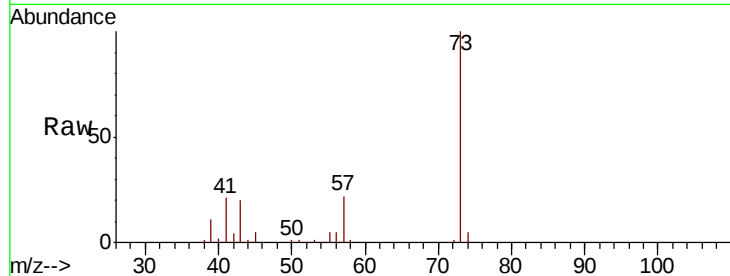




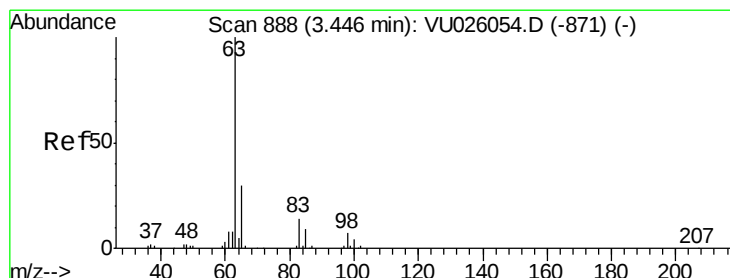
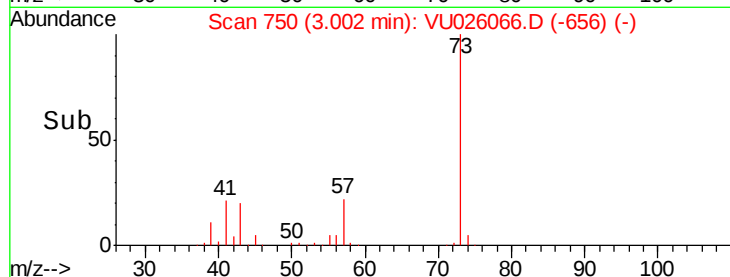
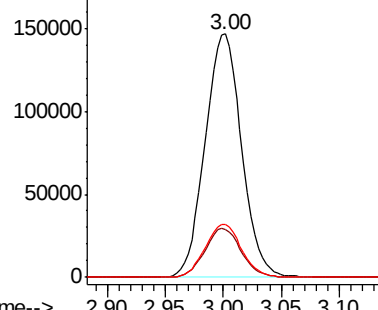
#18
Methvl tert-butvl Ether
Concen: 54.30 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU026066.D
Acq: 13 Aug 2018 14:20

Instrument :
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ClientSampleId :
A4ZG5

Tot Ion: 73 Resp: 320051
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5
57 21.7 17.1 25.7

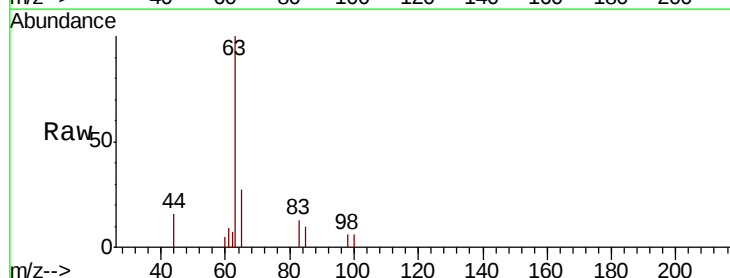


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



#19
1,1-Dichloroethane
Concen: 1.50 ug/L
RT: 3.45 min Scan# 888
Delta R.T. -0.00 min
Lab File: VU026066.D
Acq: 13 Aug 2018 14:20

Tgt Ion: 63 Resp: 5216
Ion Ratio Lower Upper
63 100
65 27.2 22.4 41.6
83 13.1 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0

