

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091718\
 Data File : VU026840.D
 Acq On : 17 Sep 2018 22:51
 Operator : MD/SY
 Sample : J4893-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L8

Quant Time: Sep 18 02:21:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 18 01:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	237108	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82293	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.84%
7) Chloroethane-d5	1.68	69	73130	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.27	63	120376	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.18	46	119481	102.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.65%
24) Chloroform-d	4.65	84	155993	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.31	65	102468	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.34	84	318854	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.33	67	105308	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.57	98	270686	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.85	79	42688	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.04%
47) 2-Hexanone-d5	8.31	63	83112	104.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140228	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	105287	55.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.86%

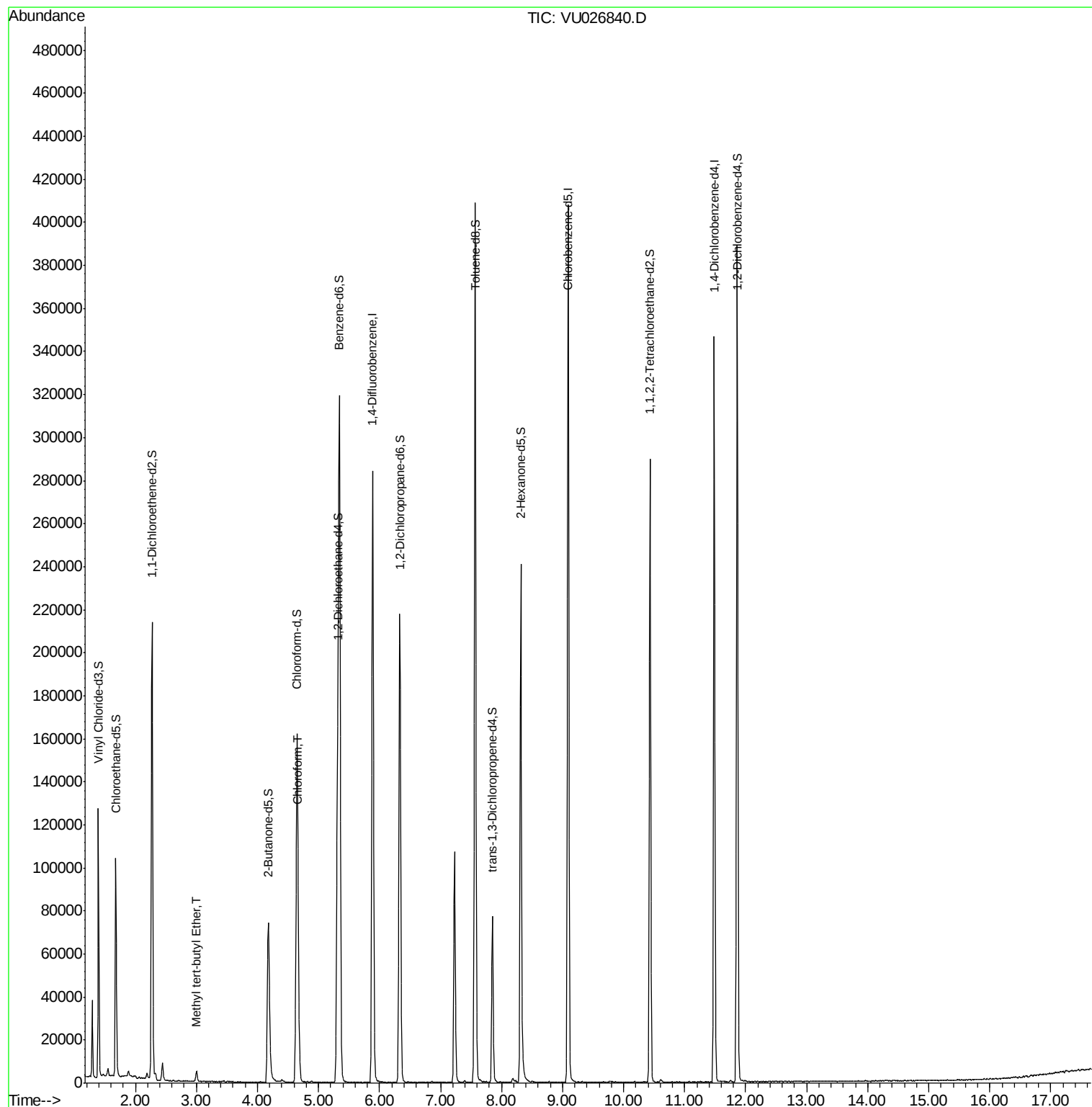
Target Compounds					Ovalue
18) Methyl tert-butyl Ether	3.00	73	4690	0.95 ug/L	# 90
25) Chloroform	4.67	83	15884	4.80 ug/L	98

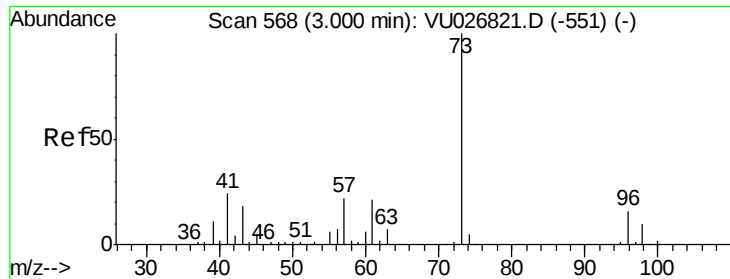
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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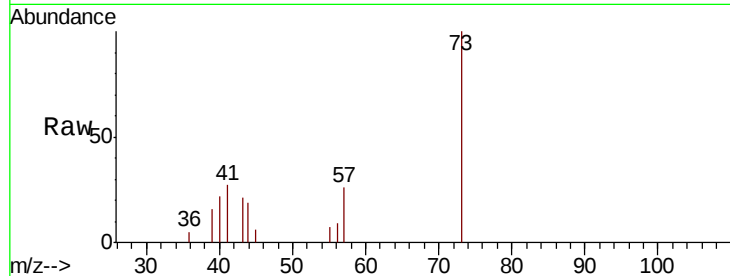




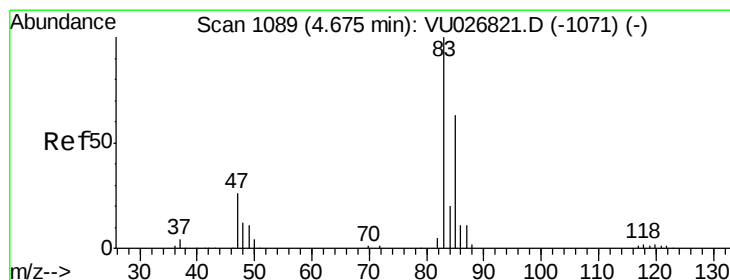
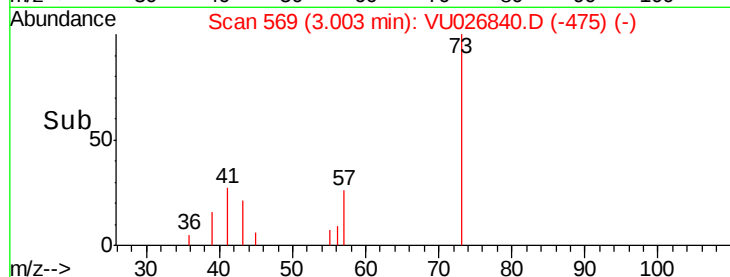
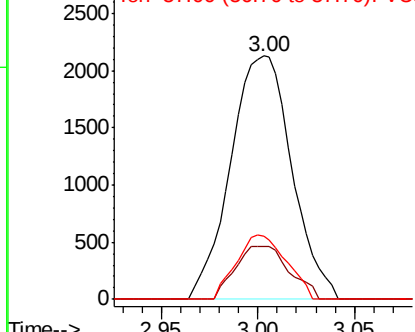
#18
Methvl tert-butvl Ether
Concen: 0.95 ug/L
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU026840.D
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Instrument :
MSVOA_U
ClientSampled :
C08L8

Tot Ion: 73 Resp: 4690
Ion Ratio Lower Upper
73 100
43 10.7 15.3 22.9#
57 21.5 18.1 27.1

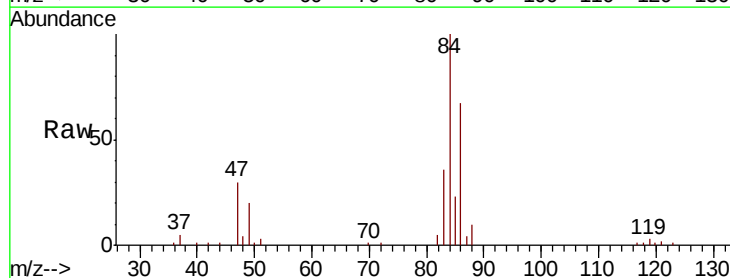


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



#25
Chloroform
Concen: 4.80 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 15884
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

