

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025553.D
 Acq On : 20 Jul 2018 19:40
 Operator : MD/SY
 Sample : J4097-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA2

Quant Time: Jul 21 03:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80981	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.44%
7) Chloroethane-d5	1.68	69	68933	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.24%
11) 1,1-Dichloroethene-d2	2.27	63	127082	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.18	46	145438	101.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.65	84	184803	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	127122	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
32) Benzene-d6	5.35	84	364379	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
36) 1,2-Dichloropropane-d6	6.34	67	116689	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.57	98	333383	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.85	79	57625	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	107695	105.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161465	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	135507	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

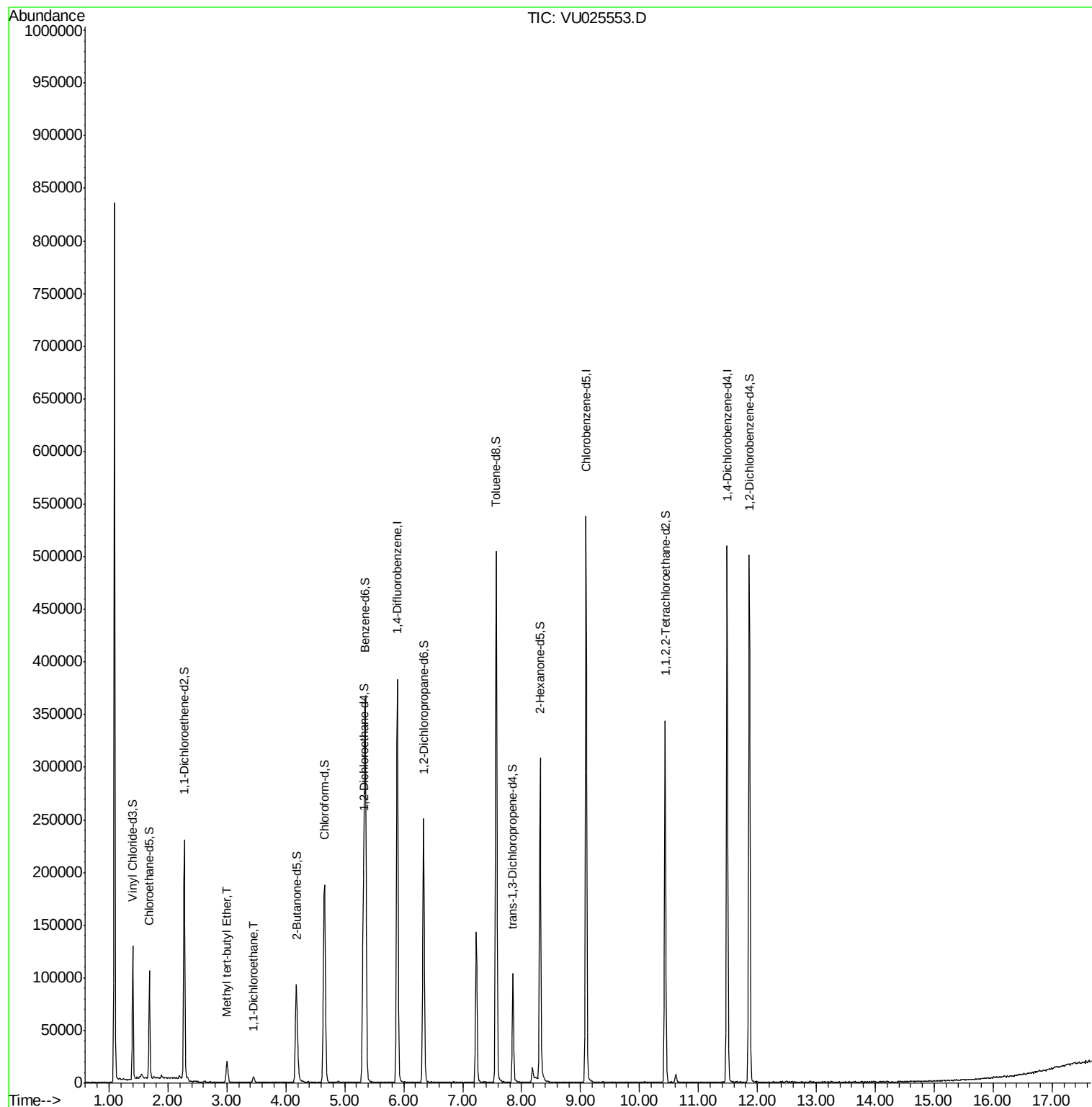
Target Compounds					Ovalue
18) Methyl tert-butyl Ether	3.00	73	20539	2.99 ug/L	99
19) 1,1-Dichloroethane	3.45	63	6801	1.70 ug/L	91

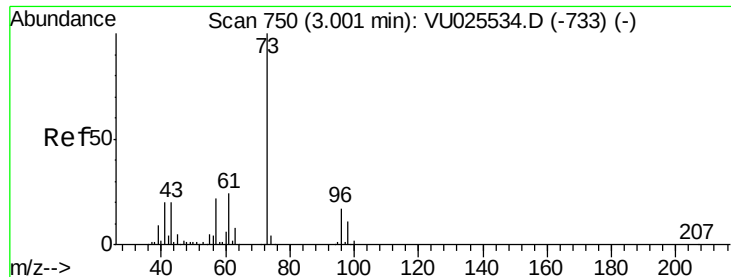
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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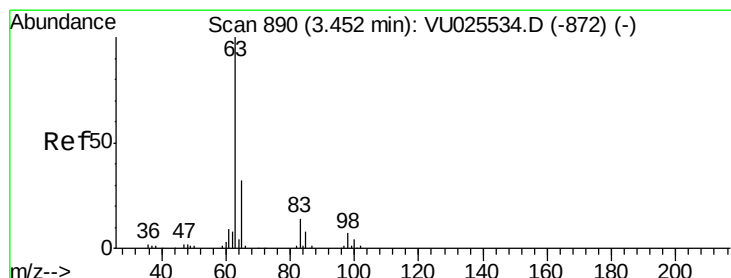
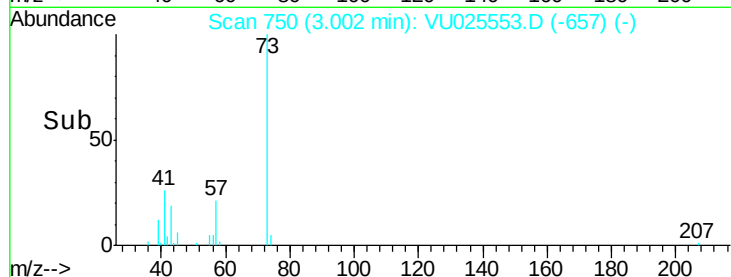
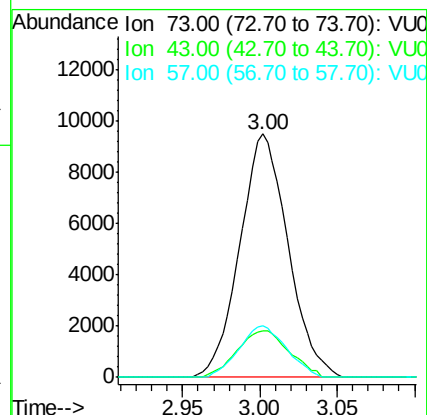
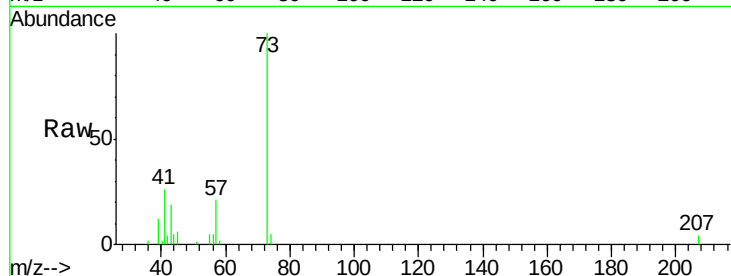




#18
Methyl tert-butyl Ether
Concen: 2.99 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025553.D
Acq: 20 Jul 2018 19:40

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Tot Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.2	24.2
57	20.9	17.1	25.7



#19
1,1-Dichloroethane
Concen: 1.70 ug/L
RT: 3.45 min Scan# 889
Delta R.T. -0.00 min
Lab File: VU025553.D
Acq: 20 Jul 2018 19:40

Tgt Ion	Ratio	Lower	Upper
63	100		
65	25.1	22.0	41.0
83	14.5	9.6	17.8

