

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025558.D
 Acq On : 20 Jul 2018 21:36
 Operator : MD/SY
 Sample : J4097-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA8

Quant Time: Jul 21 03:27:11 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	317252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76385	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	64915	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.90%
11) 1,1-Dichloroethene-d2	2.27	63	126825	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.28%
21) 2-Butanone-d5	4.18	46	141604	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.65	84	183503	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
26) 1,2-Dichloroethane-d4	5.31	65	127185	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.35	84	354965	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
36) 1,2-Dichloropropane-d6	6.33	67	114657	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.57	98	327683	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	53388	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.31	63	103421	103.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	154904	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	129035	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

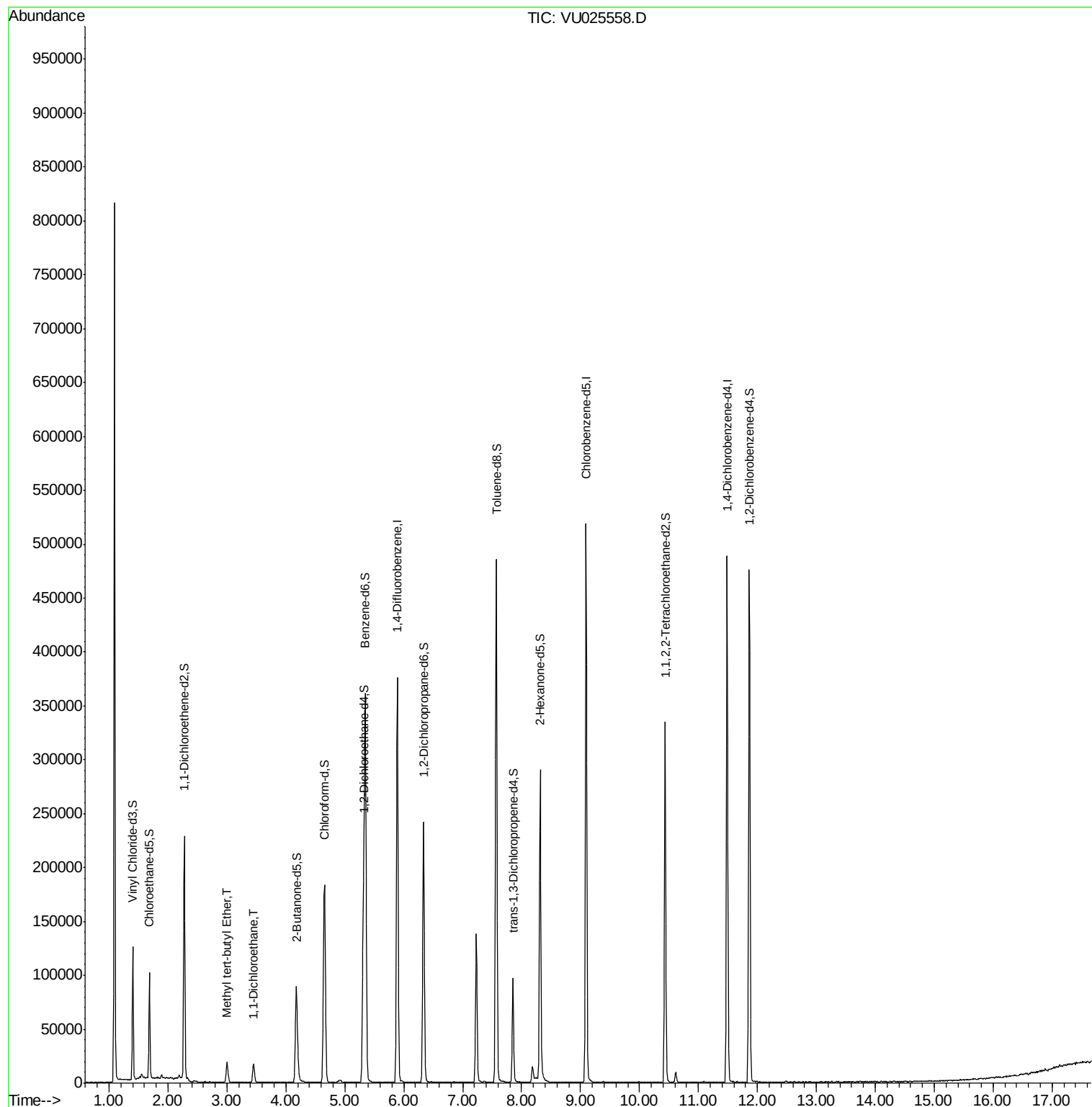
Target Compounds					Ovalue
18) Methyl tert-butyl Ether	3.00	73	19500	2.90 ug/L	98
19) 1,1-Dichloroethane	3.45	63	19126	4.88 ug/L	98

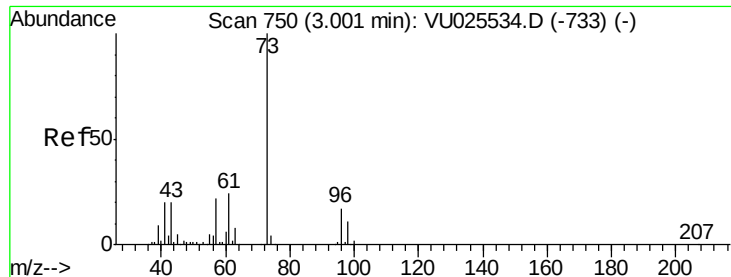
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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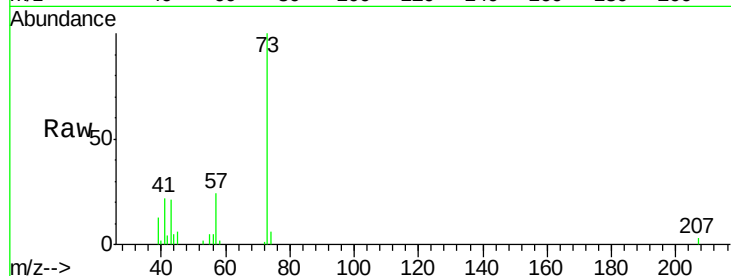


#18

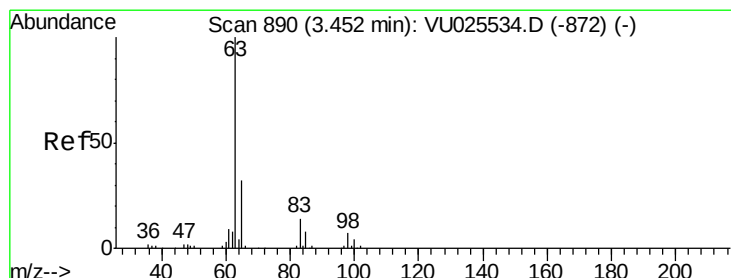
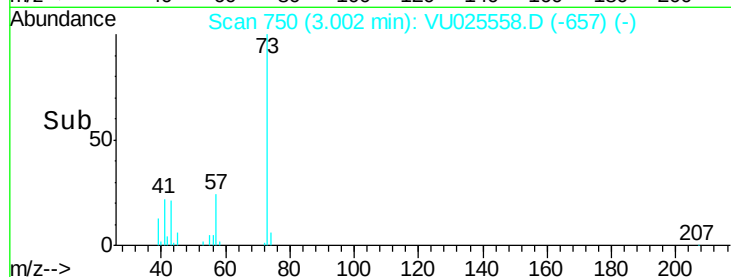
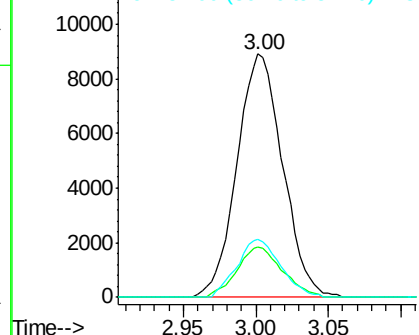
Methyl tert-butyl Ether
 Concen: 2.90 ug/L
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025558.D
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Tot Ion:	73	Resp:	19500
Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.2
57	22.8	17.1	25.7



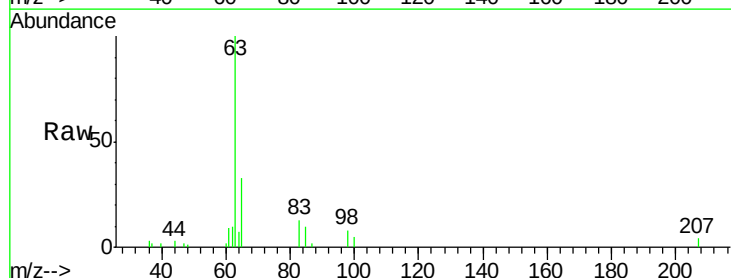
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



#19

1,1-Dichloroethane
 Concen: 4.88 ug/L
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
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Tgt Ion:	63	Resp:	19126
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.0	41.0
83	13.2	9.6	17.8



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

