

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072018\
 Data File : VU025564.D
 Acq On : 20 Jul 2018 23:55
 Operator : MD/SY
 Sample : J4097-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB4

Quant Time: Aug 07 19:18:54 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	315902	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	131668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77462	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.68	69	66332	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.18%
11) 1,1-Dichloroethene-d2	2.27	63	126690	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
21) 2-Butanone-d5	4.18	46	139380	100.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.11%
24) Chloroform-d	4.65	84	182283	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.31	65	126377	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.35	84	356976	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	6.34	67	114911	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.06%
41) Toluene-d8	7.57	98	329598	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.85	79	52115	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.31	63	104140	105.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157319	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	132546	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%

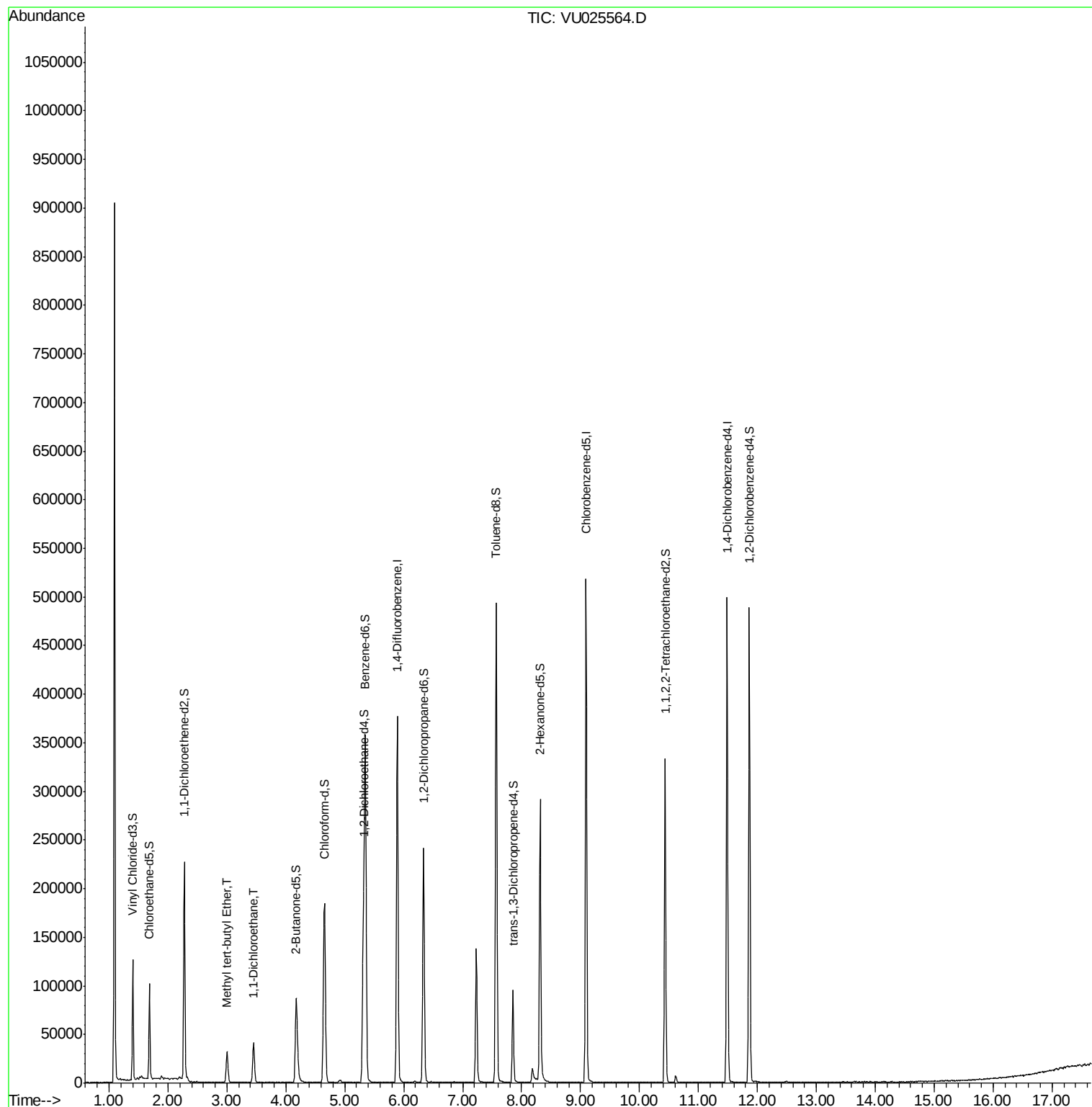
Target Compounds					Ovalue
18) Methyl tert-butyl Ether	3.00	73	32675	4.89 ug/L	97
19) 1,1-Dichloroethane	3.45	63	43639	11.18 ug/L	98

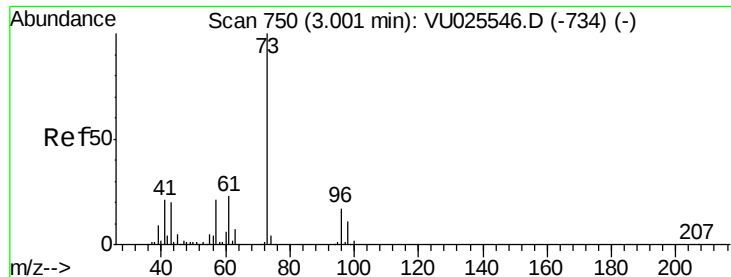
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072018\
Data File : VU025564.D
Acq On : 20 Jul 2018 23:55
Operator : MD/SY
Sample : J4097-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB4

Quant Time: Aug 07 19:18:54 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

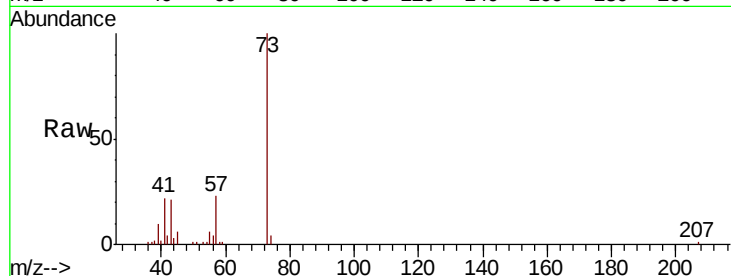




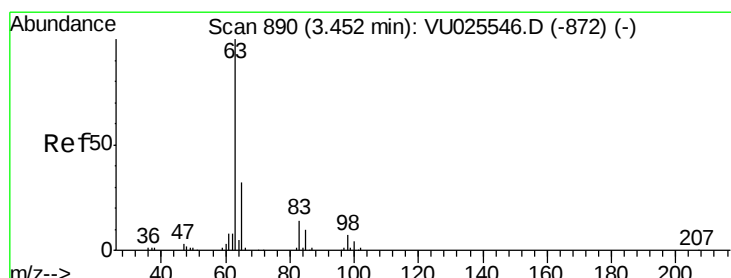
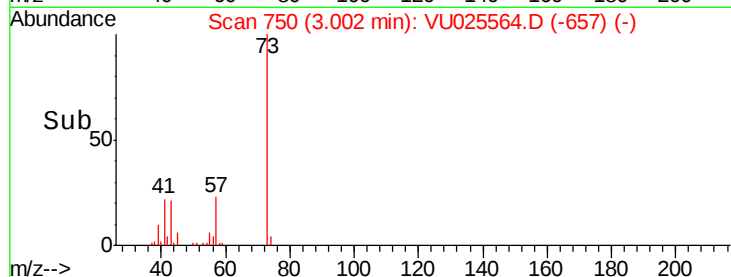
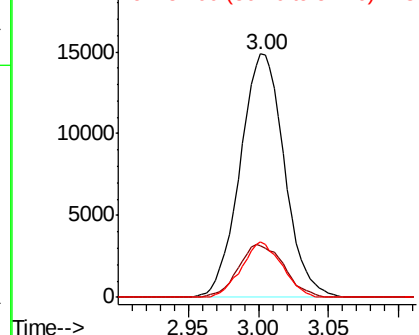
#18
Methvl tert-butvl Ether
Concen: 4.89 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

Instrument :
MSVOA_U
ClientSampleId :
H0AB4

Tot Ion:	73	Resp:	32675
Ion	Ratio	Lower	Upper
73	100		
43	22.5	16.2	24.2
57	20.7	17.1	25.7

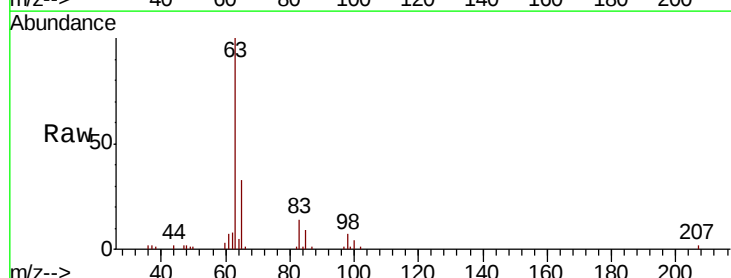


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



#19
1,1-Dichloroethane
Concen: 11.18 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

Tgt Ion:	63	Resp:	43639
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	41.0
83	14.2	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

