

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025566.D
 Acq On : 21 Jul 2018 00:41
 Operator : MD/SY
 Sample : J4097-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6

Quant Time: Jul 21 03:46:46 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	317064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79450	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.68	69	67750	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.27	63	127482	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	4.18	46	141490	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.65	84	183782	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.31	65	125597	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.35	84	357124	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.34	67	116098	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.57	98	329955	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.85	79	52997	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.31	63	103292	102.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158847	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	131574	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

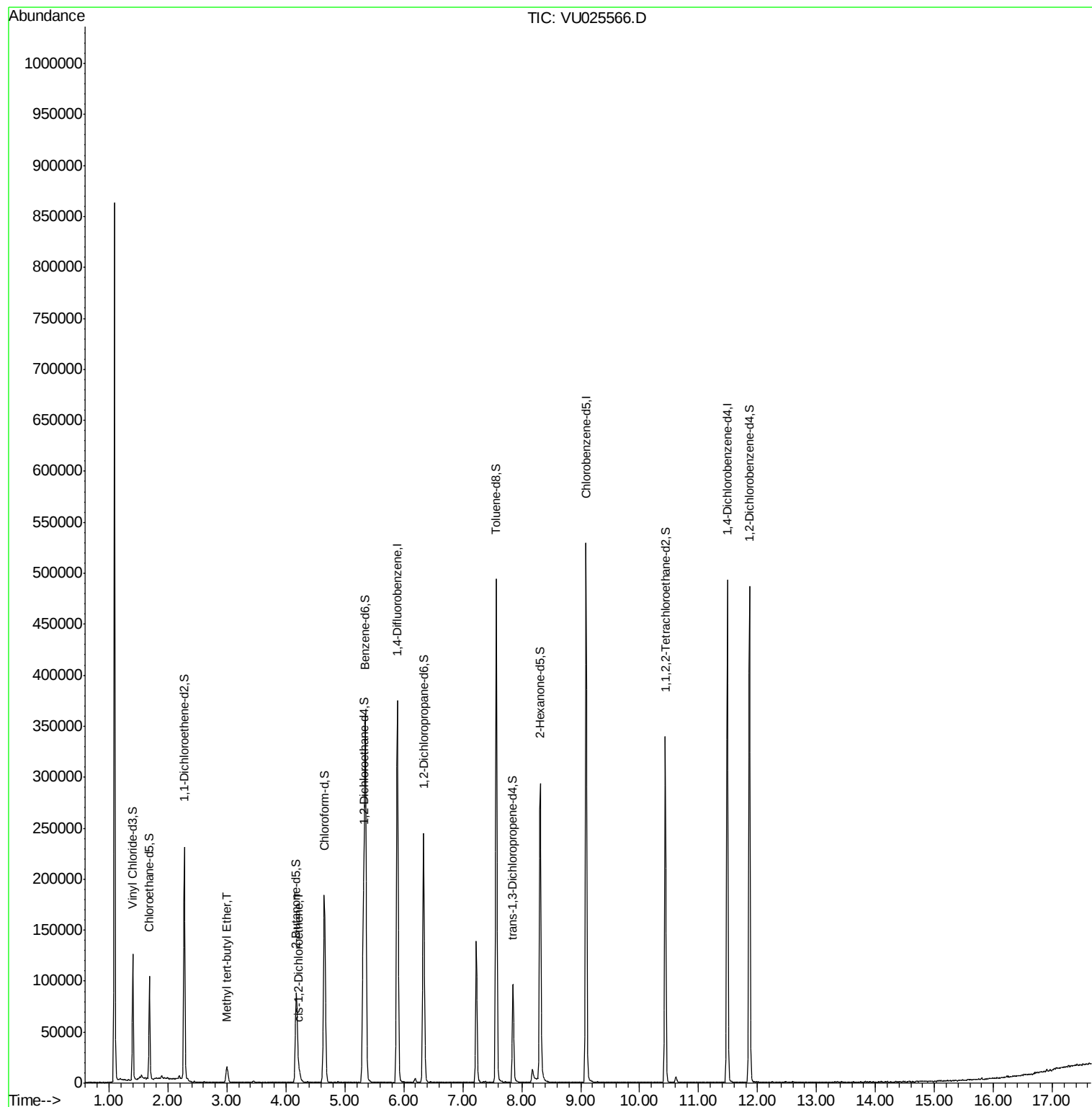
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	14856	2.21 ug/L	# 89
20) cis-1,2-Dichloroethene	4.23	96	4354	1.87 ug/L	92

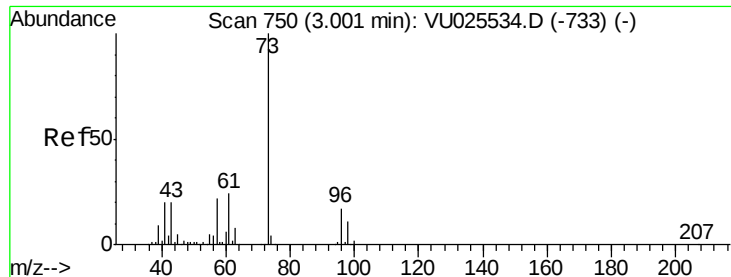
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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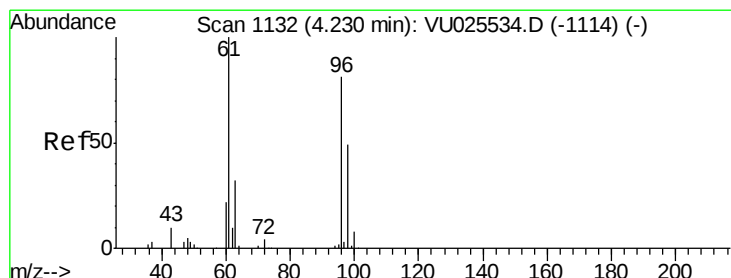
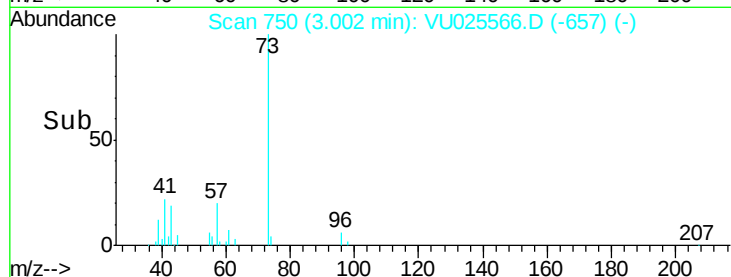
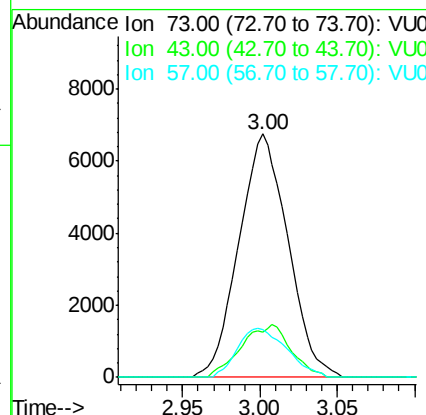
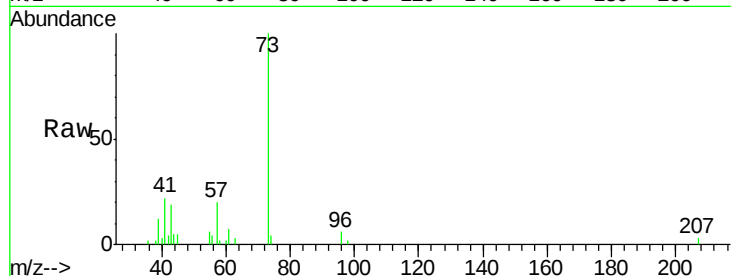




#18
Methvl tert-butvl Ether
Concen: 2.21 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025566.D
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Tot Ion	Ratio	Lower	Upper
73	100		
43	10.6	16.2	24.2#
57	20.3	17.1	25.7



#20
cis-1,2-Dichloroethene
Concen: 1.87 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025566.D
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Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.3	87.4	162.2
68	0.0	0.0	0.0

