

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025575.D
 Acq On : 21 Jul 2018 11:21
 Operator : MD/SY
 Sample : J4097-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:12:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	160836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77255	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.74%
7) Chloroethane-d5	1.68	69	65952	40.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.46%
11) 1,1-Dichloroethene-d2	2.27	63	129419	31.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.56%
21) 2-Butanone-d5	4.18	46	127930	83.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.65	84	183811	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	5.31	65	125093	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.35	84	355366	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.33	67	114838	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.86%
41) Toluene-d8	7.57	98	335762	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.85	79	57253	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.31	63	95198	85.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.98%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152362	41.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	142901	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%

Target Compounds

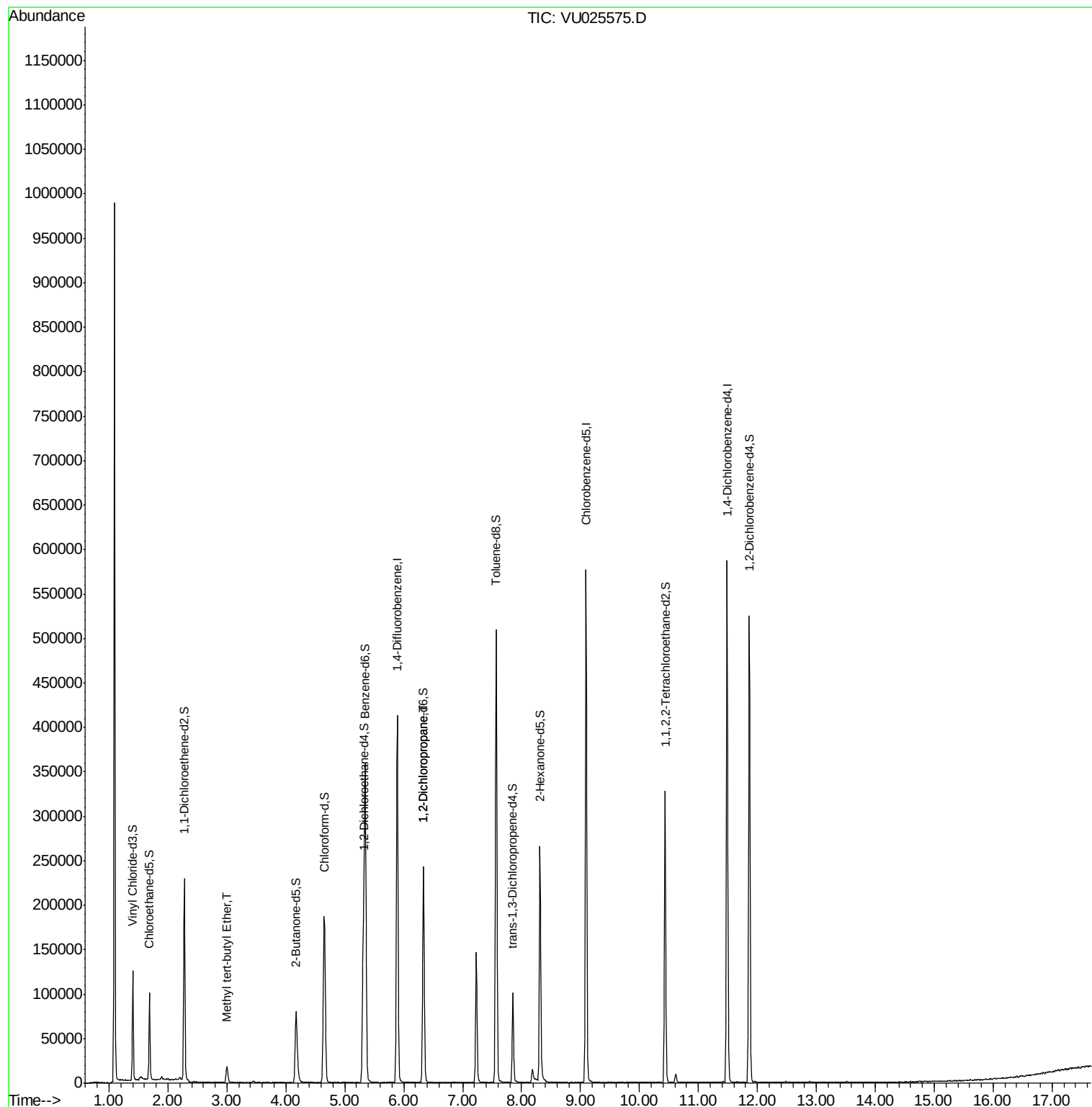
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	19862	2.696 ug/L	97
37) 1,2-Dichloropropane	6.33	63	13150	5.234 ug/L #	88

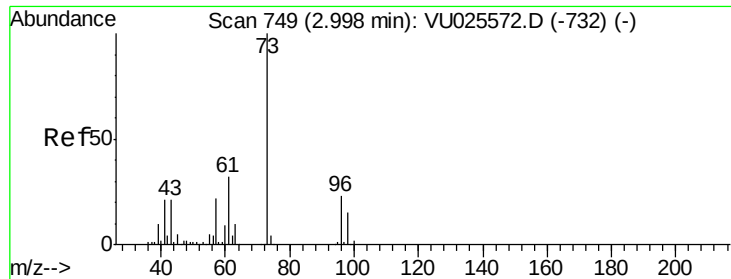
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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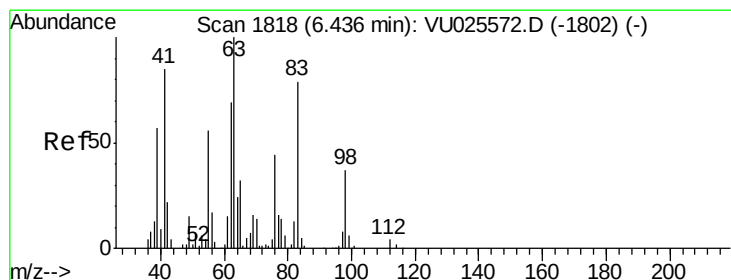
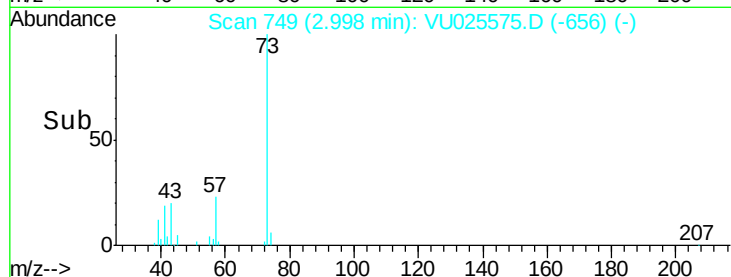
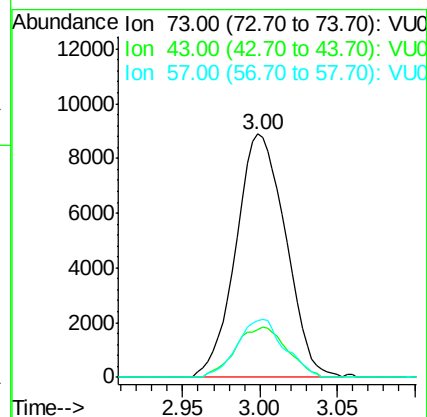
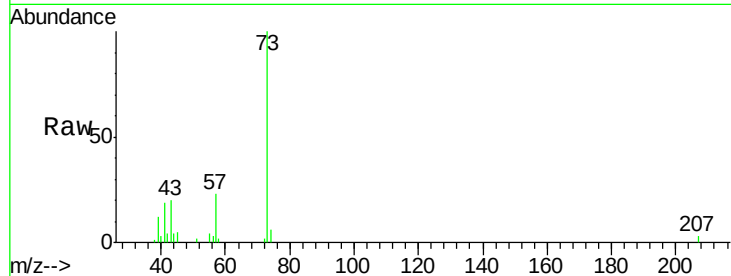




#18
Methyl tert-butyl Ether
Concen: 2.696 ug/L
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025575.D
Acq: 21 Jul 2018 11:21

Instrument :
MSVOA_U
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Tot Ion: 73 Resp: 19862
Ion Ratio Lower Upper
73 100
43 21.4 16.2 24.2
57 22.7 17.1 25.7



#37
1,2-Dichloropropane
Concen: 5.234 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025575.D
Acq: 21 Jul 2018 11:21

Tgt Ion: 63 Resp: 13150
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

