

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028321.D
 Acq On : 21 Nov 2018 15:50
 Operator : MD/SY
 Sample : J6026-22DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP1DL

Quant Time: Nov 21 23:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164108	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63332	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	50459	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	90438	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.19	46	200107	48.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	4.65	84	109760	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	63192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	219375	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	81561	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.57	98	191080	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	29637	5.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.60%
46) 2-Hexanone-d5	8.31	63	141580	46.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58064	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	63450	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

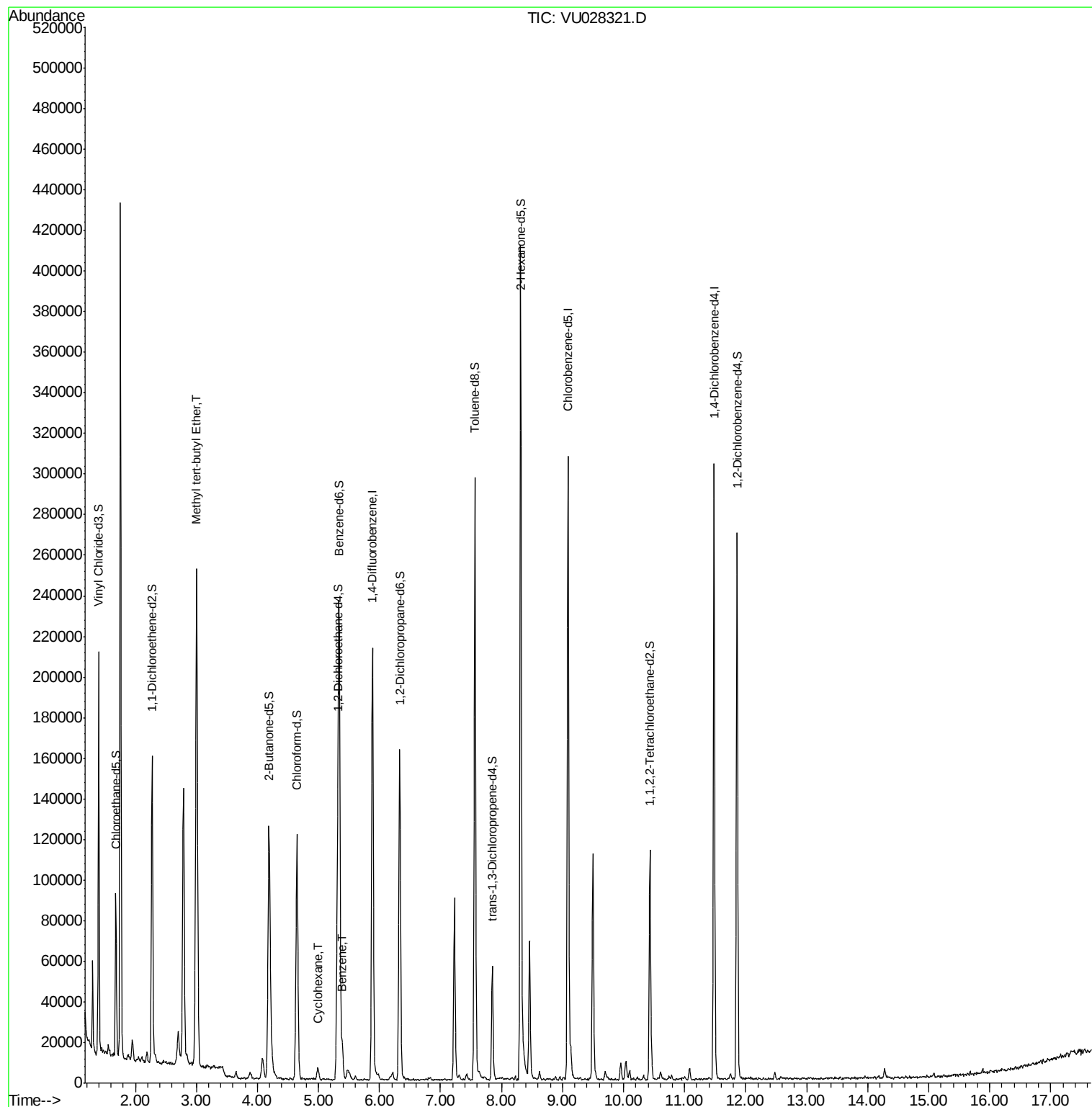
Target Compounds					Qvalue
17) Methyl tert-butyl Ether	3.00	73	236018	7.777 ug/L	96
30) Cyclohexane	4.99	56	2645	0.117 ug/L #	92
33) Benzene	5.39	78	16056	0.317 ug/L	100

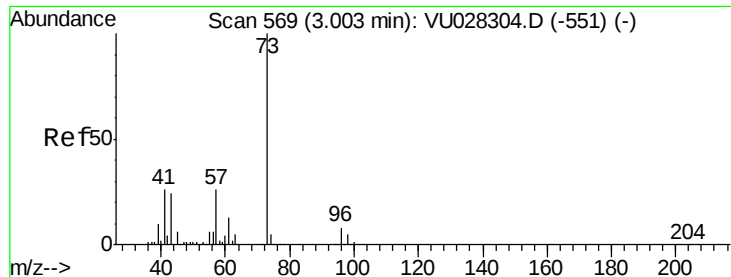
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 7.777 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

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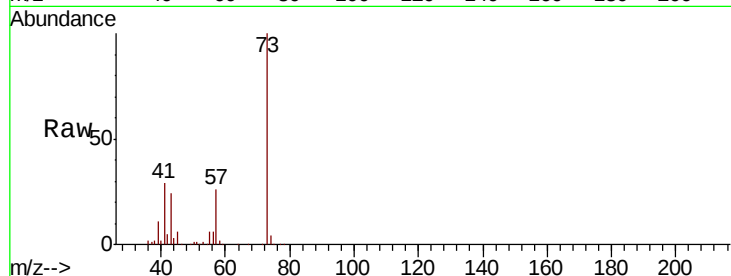
Tgt Ion: 73 Resp: 236018

Ion Ratio Lower Upper

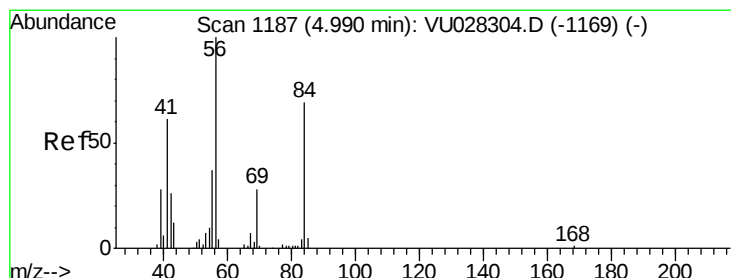
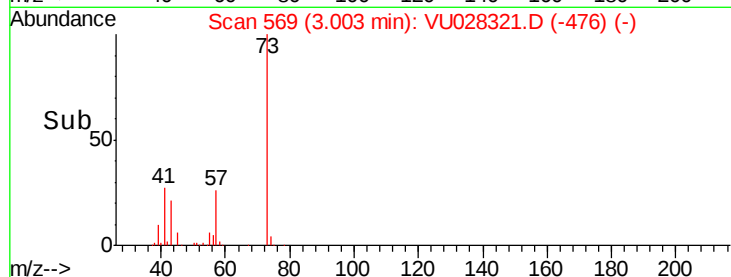
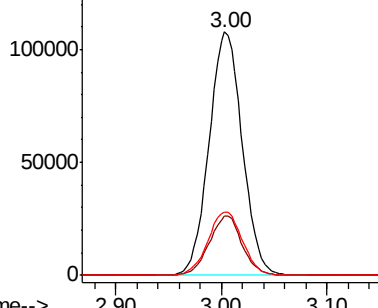
73 100

43 23.8 18.8 28.2

57 27.2 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0



#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.99 min Scan# 1187

Delta R.T. -0.00 min

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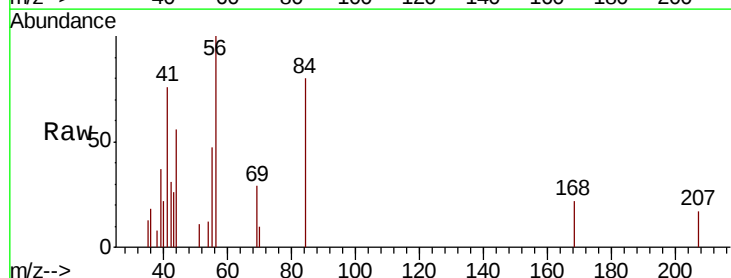
Tgt Ion: 56 Resp: 2645

Ion Ratio Lower Upper

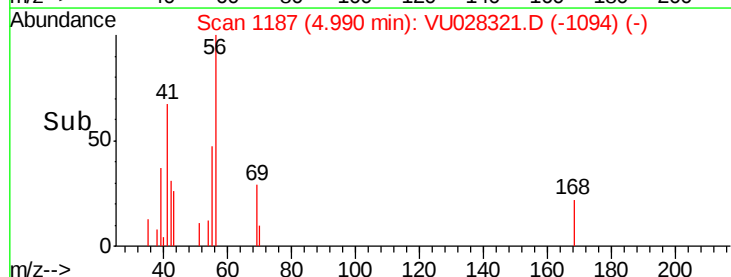
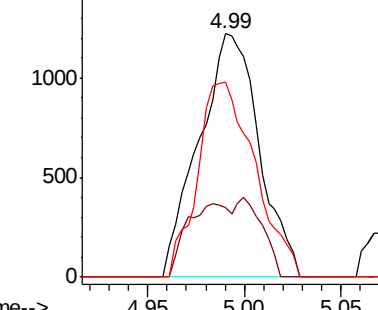
56 100

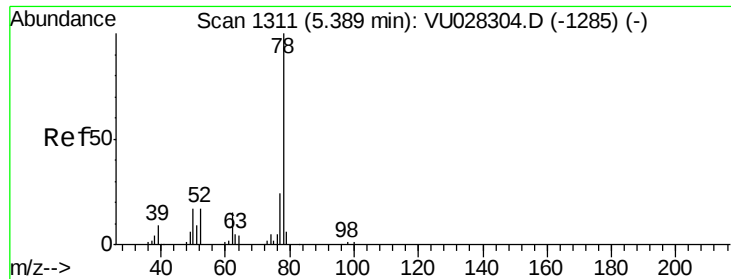
69 21.9 22.0 33.0#

84 76.0 56.0 84.0



Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0





#33

Benzene

Concen: 0.317 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

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Tgt Ion: 78 Resp: 16056

