

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091018\
 Data File : VU026654.D
 Acq On : 10 Sep 2018 16:33
 Operator : MD/SY
 Sample : J4837-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08H8

Quant Time: Sep 11 06:50:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 05:07:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	185432	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65097	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.68	69	54114	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	86454	34.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.92%
21) 2-Butanone-d5	4.18	46	89373	103.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.93%
24) Chloroform-d	4.65	84	109226	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	5.31	65	73827	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.34	84	224313	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
36) 1,2-Dichloropropane-d6	6.33	67	76148	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.54%
41) Toluene-d8	7.57	98	200853	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%
43) trans-1,3-Dichloropropene-	7.85	79	32843	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.31	63	62871	105.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101661	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	76942	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%

Target Compounds

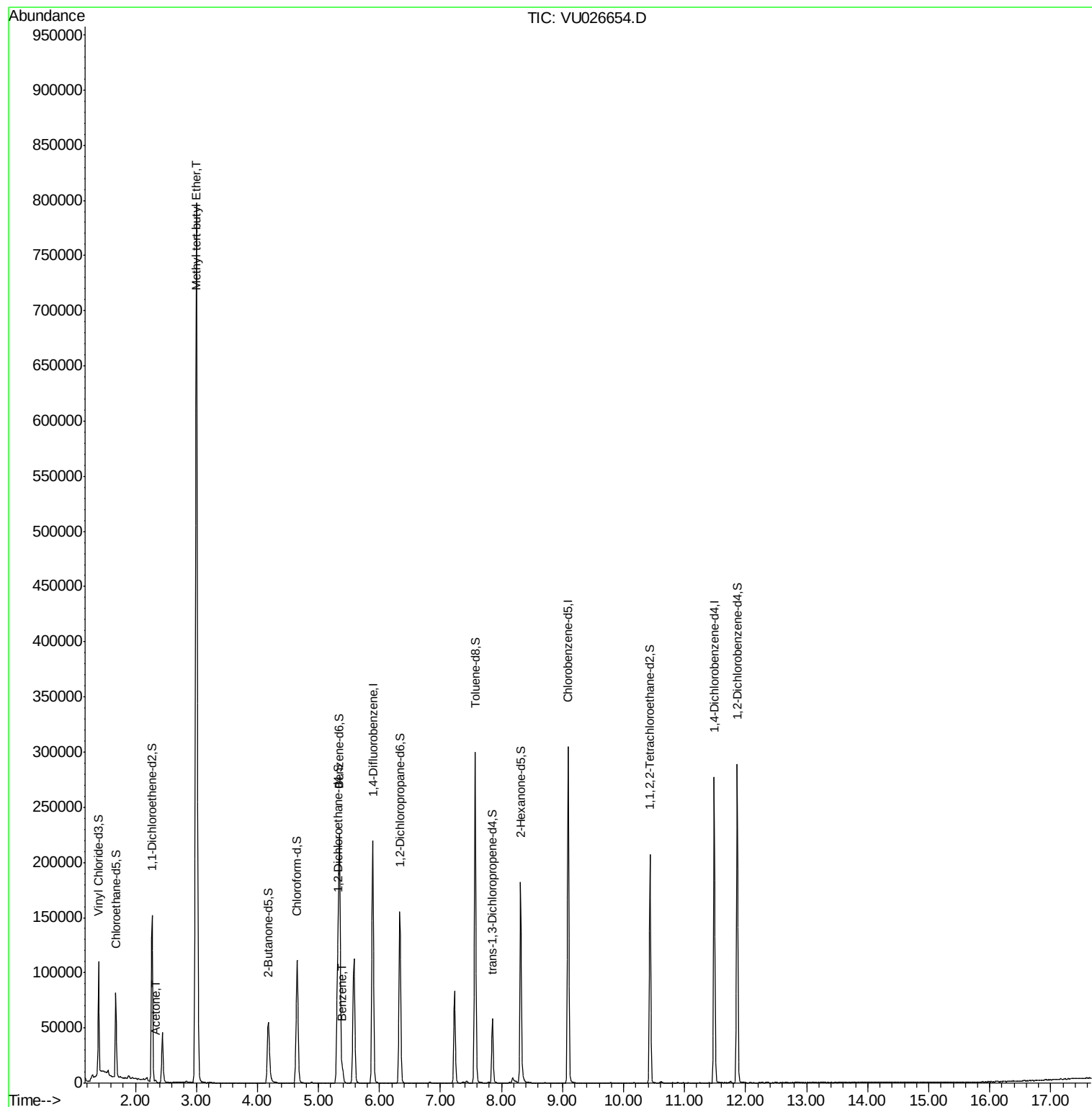
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	1531	1.56	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	819287	229.50	ug/L	100
33) Benzene	5.40	78	12718	2.71	ug/L	100

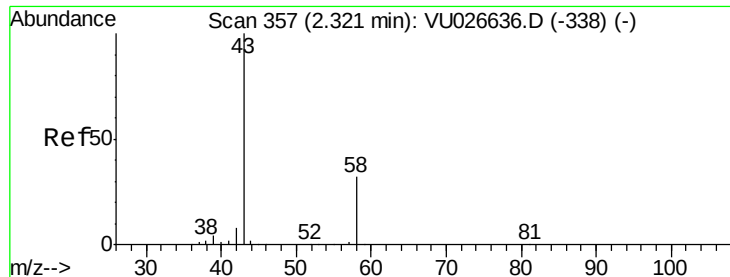
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.56 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026654.D

Acq: 10 Sep 2018 16:33

Instrument :

MSVOA_U

ClientSampled :

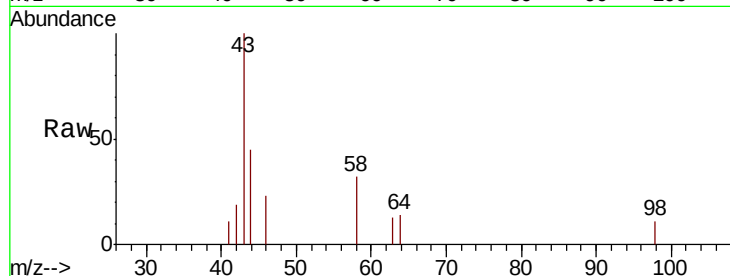
C08H8

Tot Ion: 43 Resp: 1531

Ion Ratio Lower Upper

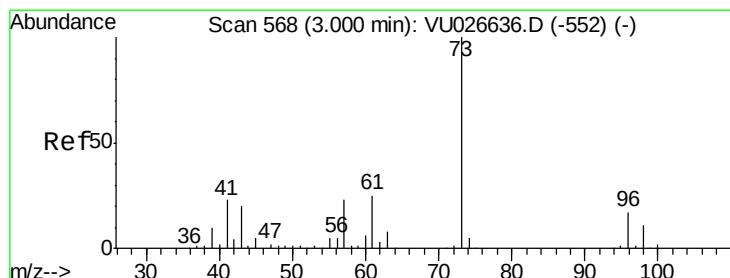
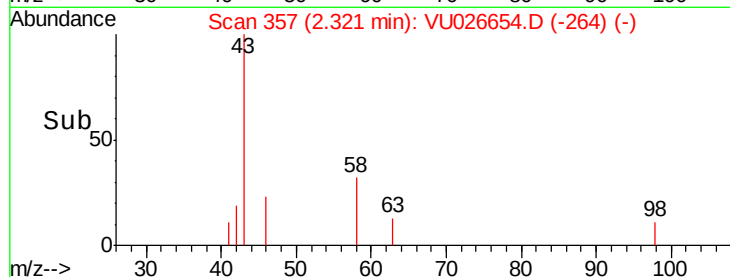
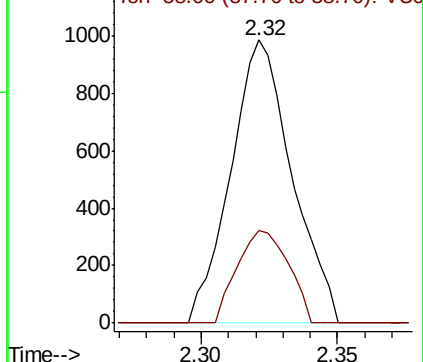
43 100

58 27.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 229.50 ug/L

RT: 3.00 min Scan# 568

Delta R.T. 0.00 min

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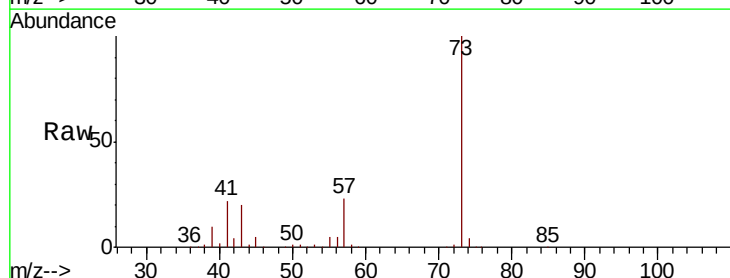
Tgt Ion: 73 Resp: 819287

Ion Ratio Lower Upper

73 100

43 20.1 16.0 24.0

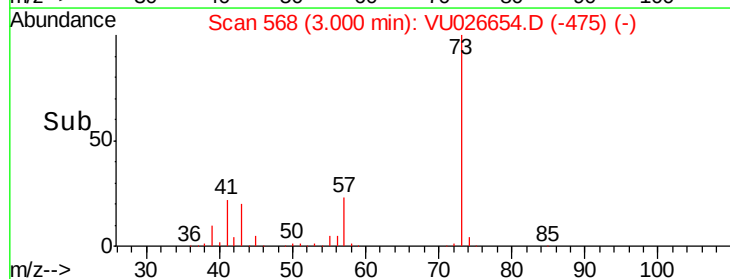
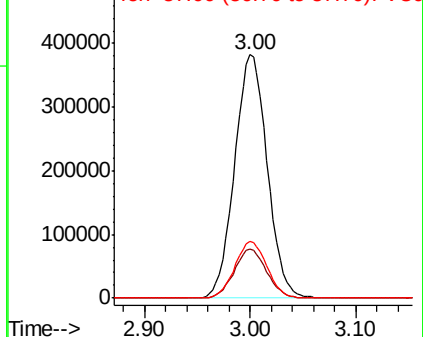
57 23.0 18.6 27.8

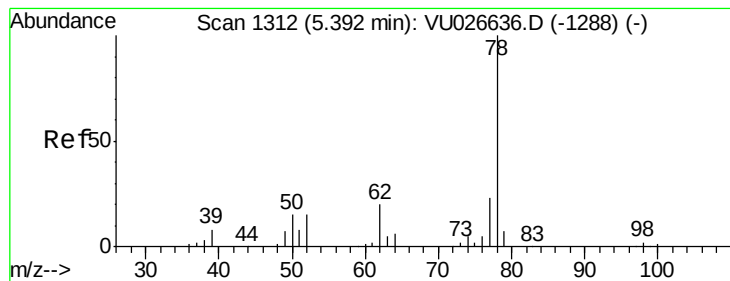


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#33
Benzene
Concen: 2.71 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
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Tgt Ion: 78 Resp: 12718

