

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071318\
 Data File : VU025389.D
 Acq On : 13 Jul 2018 13:16
 Operator : MD/SY
 Sample : J3937-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG4

Quant Time: Jul 13 14:44:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 13 14:43:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318694	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77106	40.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.94%
7) Chloroethane-d5	1.68	69	66962	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.24%
11) 1,1-Dichloroethene-d2	2.28	63	130218	31.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.68%
21) 2-Butanone-d5	4.18	46	137413	86.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.29%
24) Chloroform-d	4.65	84	168887	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
26) 1,2-Dichloroethane-d4	5.31	65	121454	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.96%
32) Benzene-d6	5.35	84	330433	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.42%
36) 1,2-Dichloropropane-d6	6.34	67	105008	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.22%
41) Toluene-d8	7.57	98	313584	41.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.86%
43) trans-1,3-Dichloropropene-	7.85	79	48540	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
47) 2-Hexanone-d5	8.31	63	98921	87.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	143220	41.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	117274	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%

Target Compounds

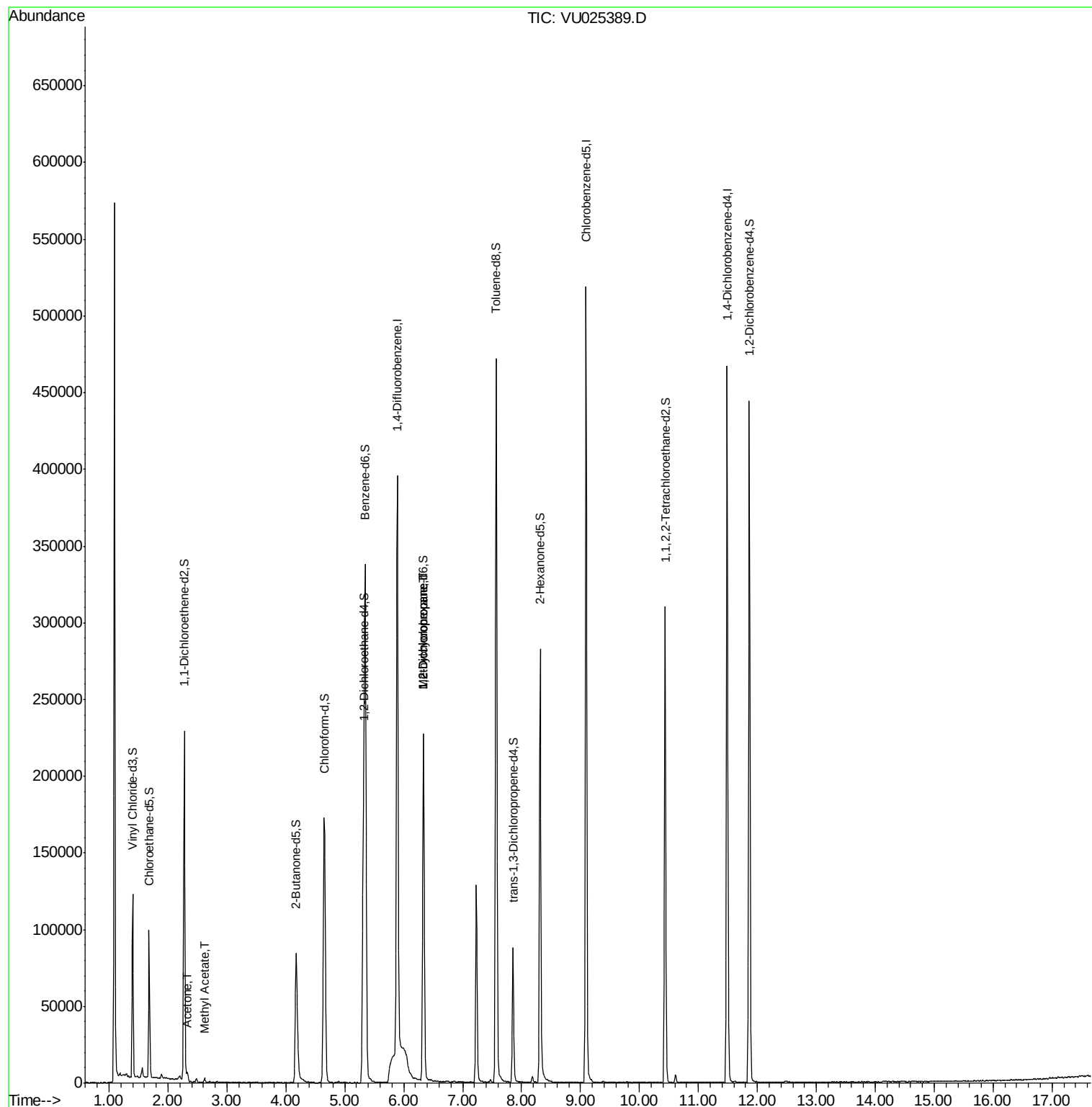
					Ovalue
13) Acetone	2.32	43	5020	3.067 ug/L	86
15) Methyl Acetate	2.62	43	3647	1.456 ug/L #	74
35) Methylcyclohexane	6.33	83	25478	6.712 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	12705	5.563 ug/L #	88

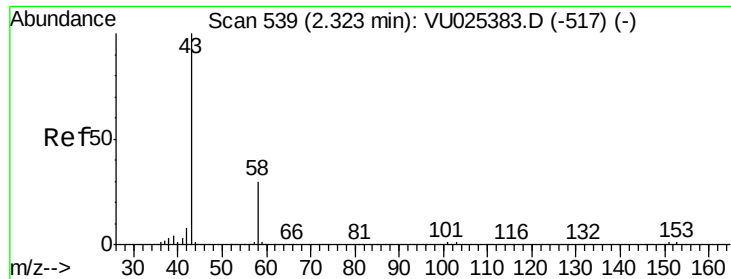
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.067 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 13 Jul 2018 13:16

Instrument :

MSVOA_U

ClientSampleId :

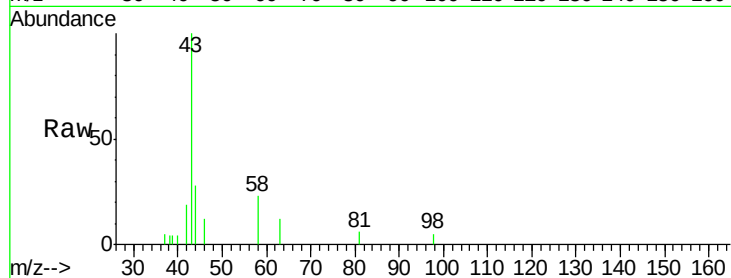
BEMG4

Tot Ion: 43 Resp: 5020

Ion Ratio Lower Upper

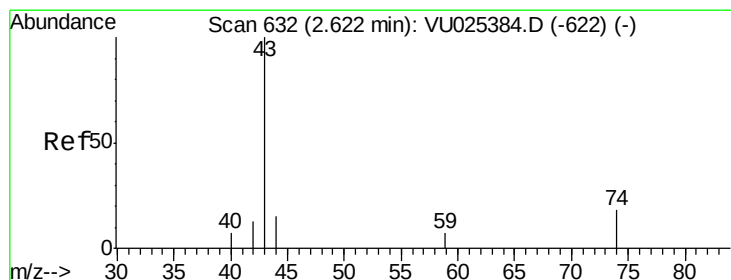
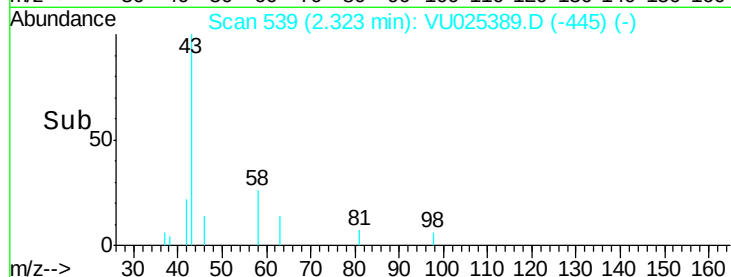
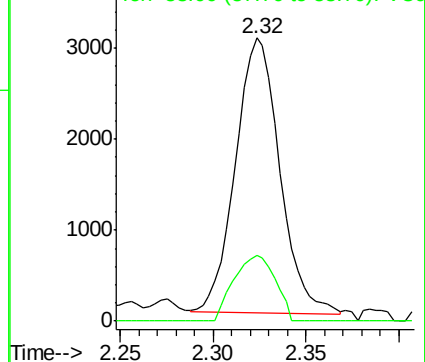
43 100

58 22.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 1.456 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025389.D

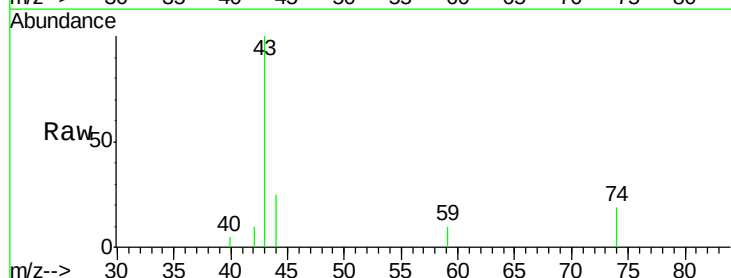
Acq: 13 Jul 2018 13:16

Tgt Ion: 43 Resp: 3647

Ion Ratio Lower Upper

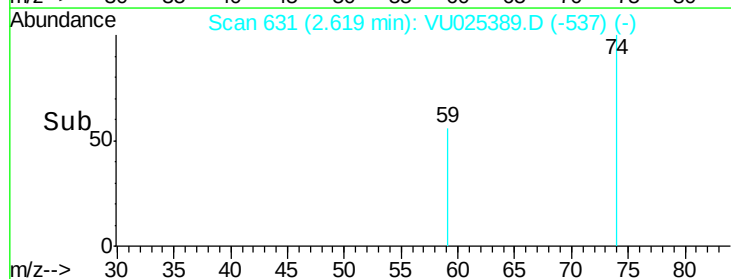
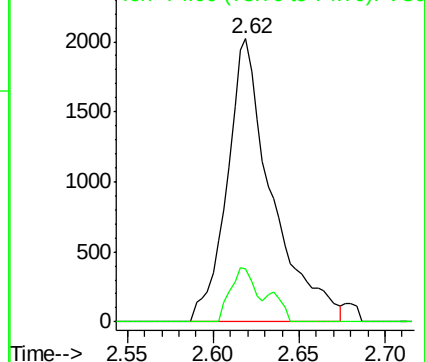
43 100

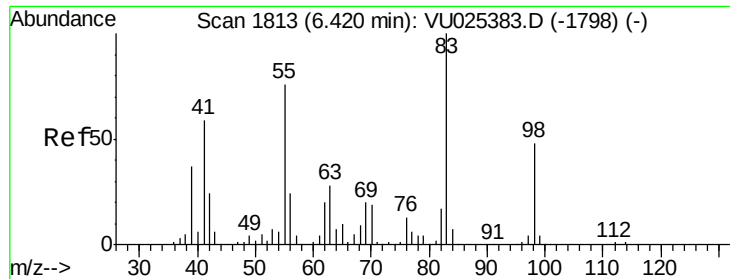
74 10.7 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

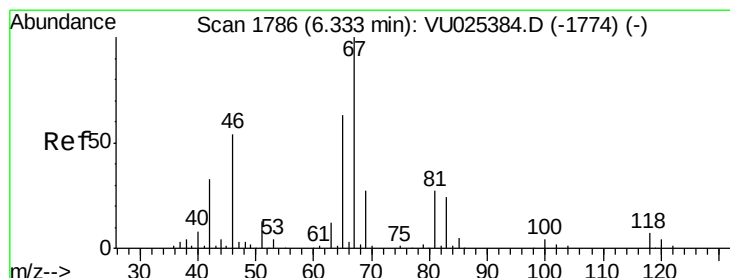
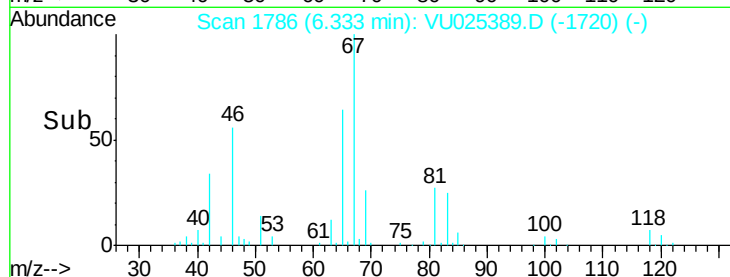
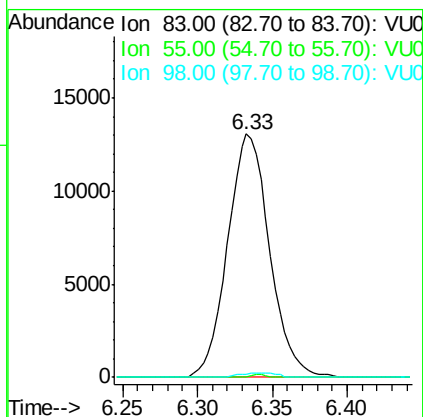
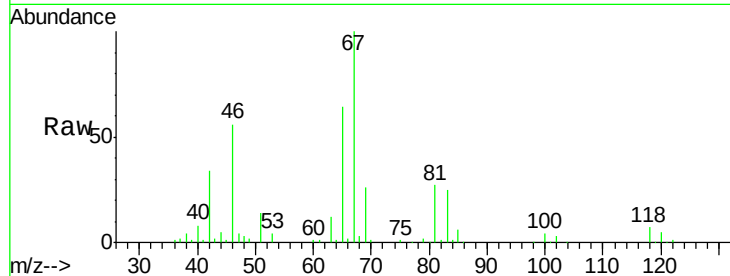




#35
Methylcyclohexane
Concen: 6.712 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
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Tot Ion: 83 Resp: 25478
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.6#
98 1.5 37.4 56.0#



#37
1,2-Dichloropropane
Concen: 5.563 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025389.D
Acq: 13 Jul 2018 13:16

Tgt Ion: 63 Resp: 12705
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

