

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071318\
 Data File : VU025388.D
 Acq On : 13 Jul 2018 12:52
 Operator : MD/SY
 Sample : J3937-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG3

Quant Time: Jul 13 14:44:16 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	324209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130104	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78250	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.68	69	66903	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.72%
11) 1,1-Dichloroethene-d2	2.27	63	130055	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	4.18	46	138606	85.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.56%
24) Chloroform-d	4.65	84	171101	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	5.31	65	124125	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
32) Benzene-d6	5.35	84	337507	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
36) 1,2-Dichloropropane-d6	6.33	67	109256	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.57	98	322266	41.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.56%
43) trans-1,3-Dichloropropene-	7.85	79	49129	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
47) 2-Hexanone-d5	8.31	63	101108	88.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	144376	40.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	125804	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%

Target Compounds

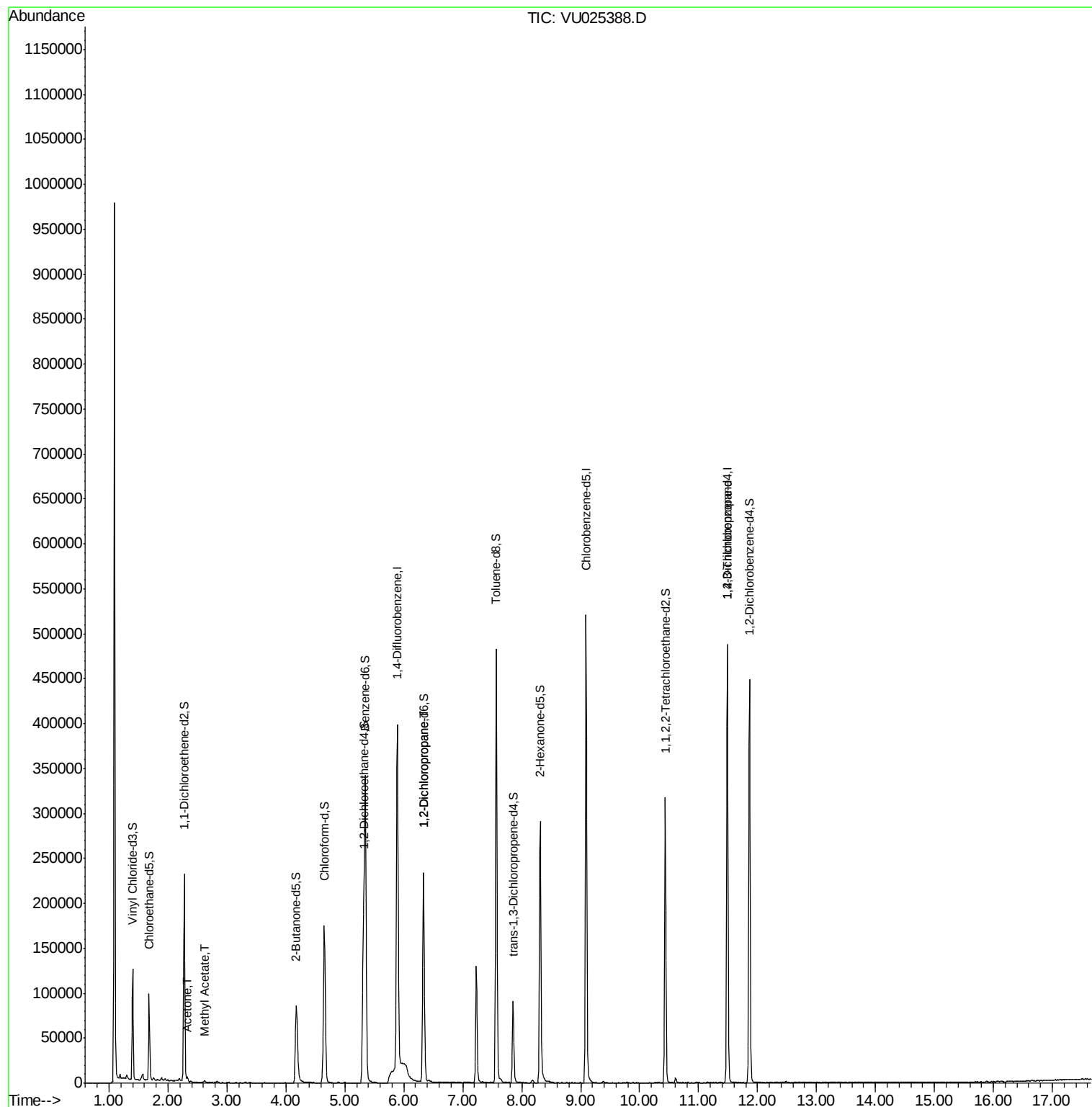
					Ovalue
13) Acetone	2.32	43	4524	2.717 ug/L	94
15) Methyl Acetate	2.62	43	3058	1.200 ug/L #	88
37) 1,2-Dichloropropane	6.33	63	12463	5.355 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14051	4.657 ug/L #	87

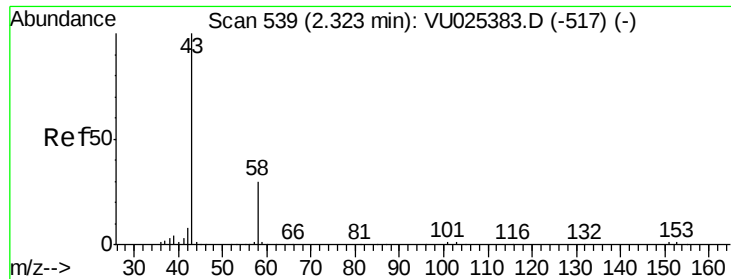
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.717 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025388.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

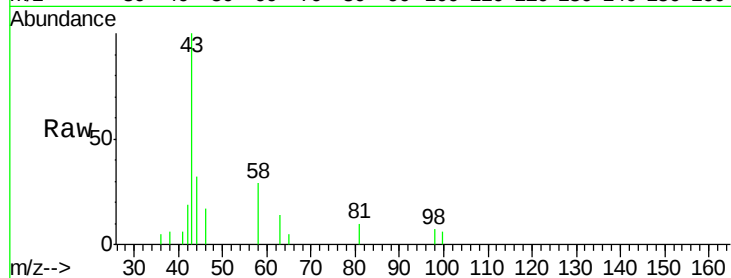
BEMG3

Tot Ion: 43 Resp: 4524

Ion Ratio Lower Upper

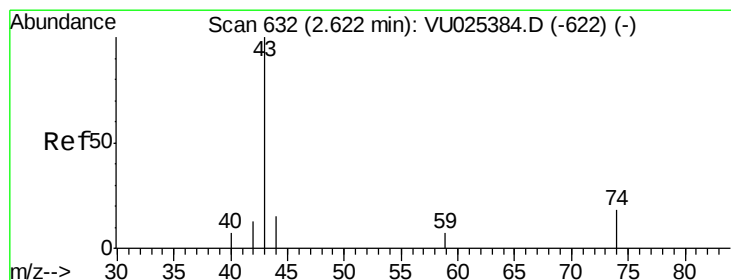
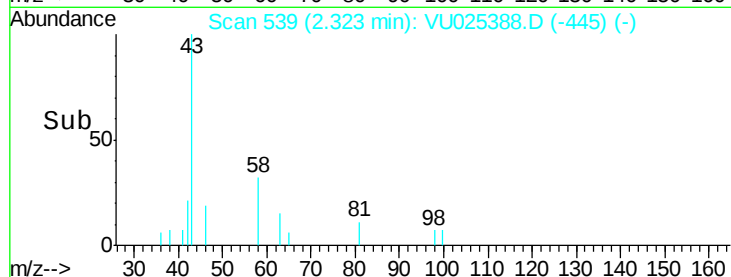
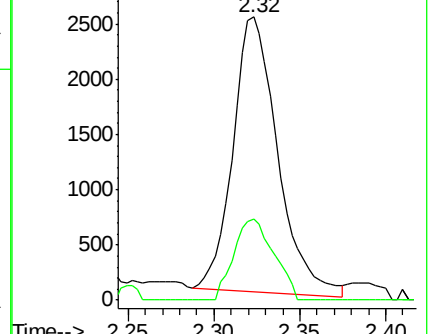
43 100

58 26.4 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: 1.200 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025388.D

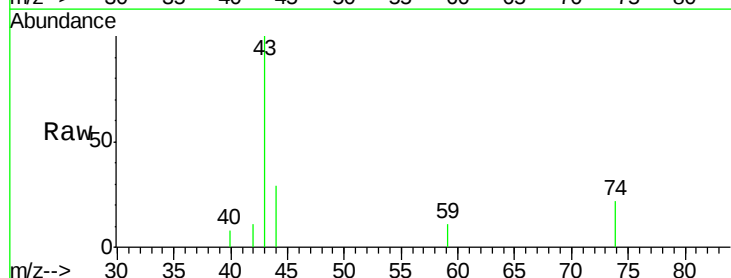
Acq: 13 Jul 2018 12:52

Tgt Ion: 43 Resp: 3058

Ion Ratio Lower Upper

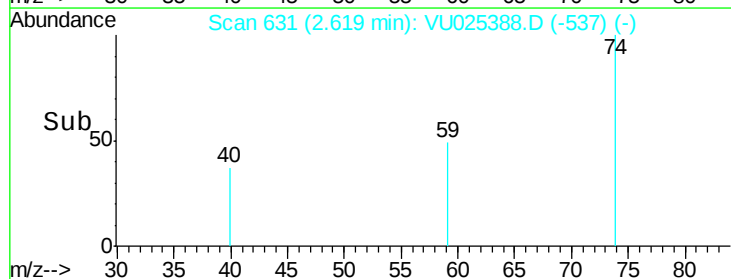
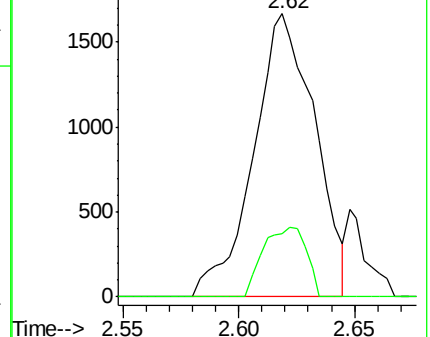
43 100

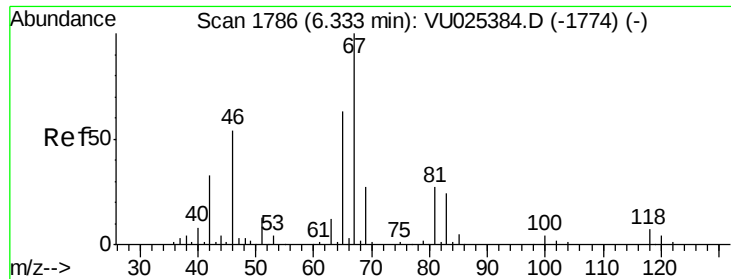
74 17.3 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

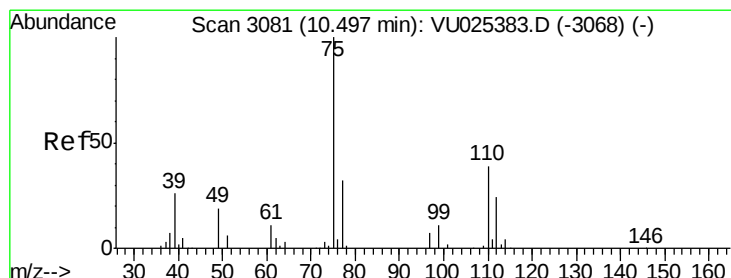
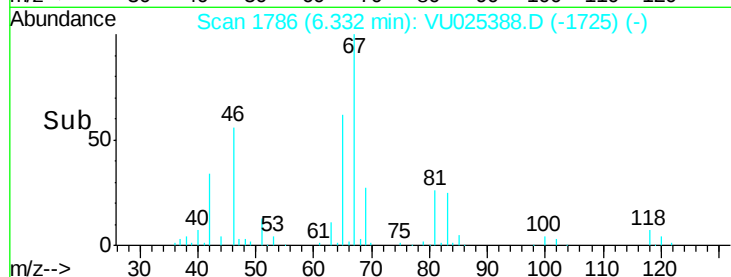
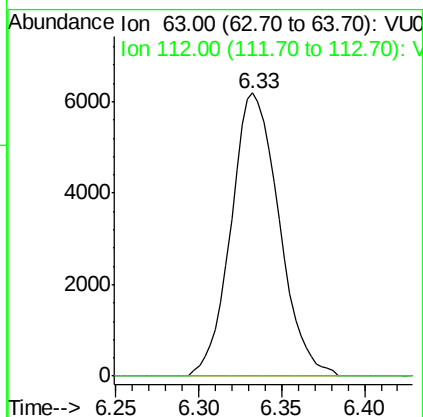
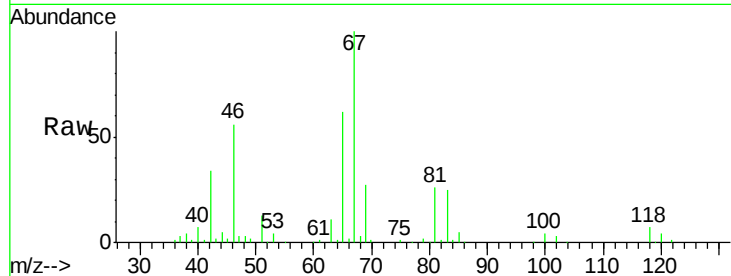




#37
 1,2-Dichloropropane
 Concen: 5.355 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025388.D
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Tot Ion: 63 Resp: 12463
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.657 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025388.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 75 Resp: 14051
 Ion Ratio Lower Upper
 75 100
 77 40.2 26.2 39.4#

