

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071318\
 Data File : VU025386.D
 Acq On : 13 Jul 2018 12:02
 Operator : MD/SY
 Sample : J3937-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG1

Quant Time: Jul 13 14:44:02 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	293530	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	256905	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	113796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81327	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.70%
7) Chloroethane-d5	1.68	69	68774	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.27	63	137482	35.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.84%
21) 2-Butanone-d5	4.18	46	142292	97.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	4.65	84	175554	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.31	65	126696	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
32) Benzene-d6	5.35	84	352163	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
36) 1,2-Dichloropropane-d6	6.33	67	112023	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.57	98	330193	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%
43) trans-1,3-Dichloropropene-	7.85	79	49958	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.31	63	102487	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148625	46.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	126543	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%

Target Compounds

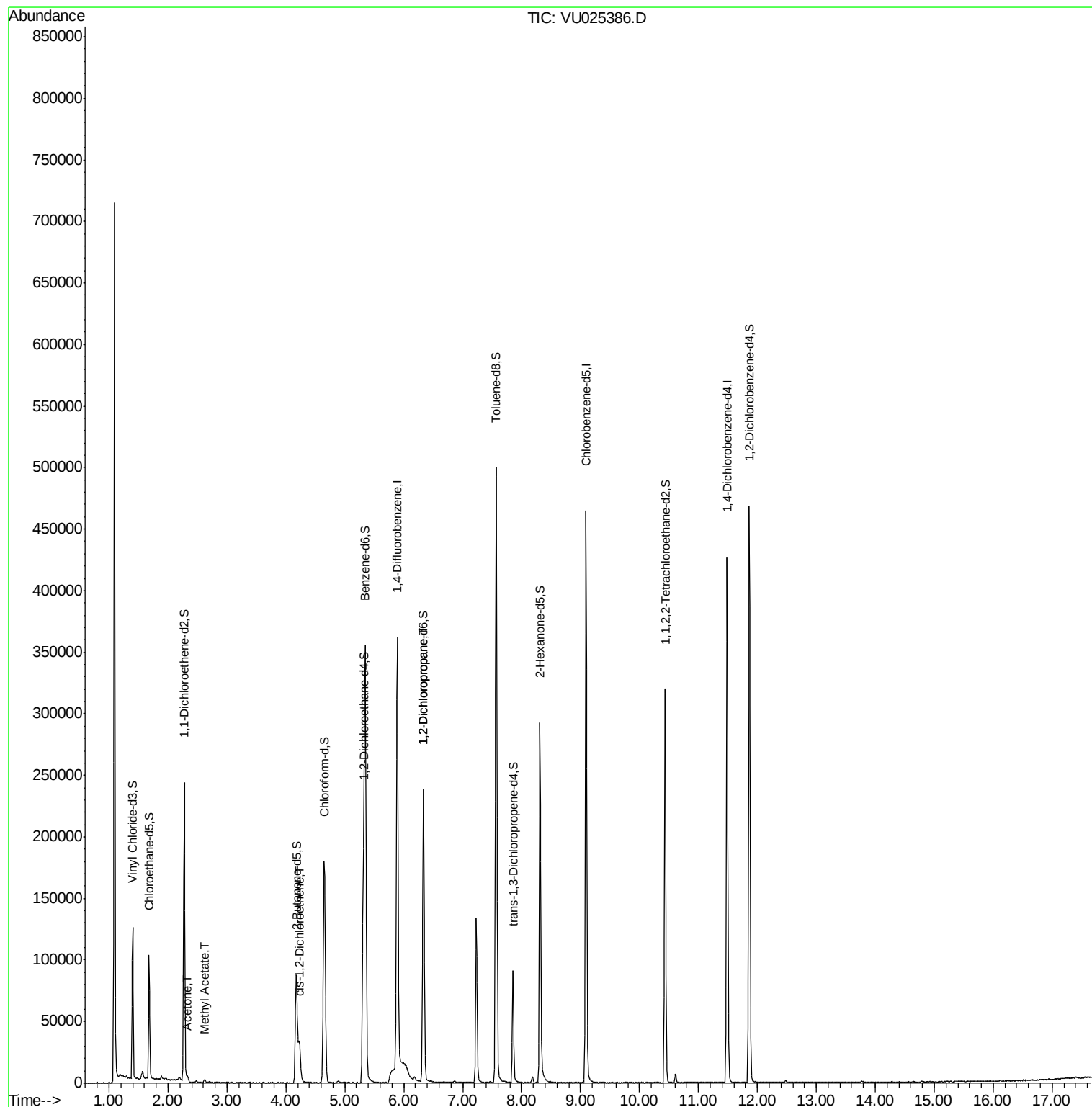
					Ovalue
13) Acetone	2.32	43	4155	2.756 ug/L	94
15) Methyl Acetate	2.62	43	3306	1.433 ug/L #	87
20) cis-1,2-Dichloroethene	4.23	96	15975	7.096 ug/L	92
37) 1,2-Dichloropropane	6.34	63	12759	6.132 ug/L #	88

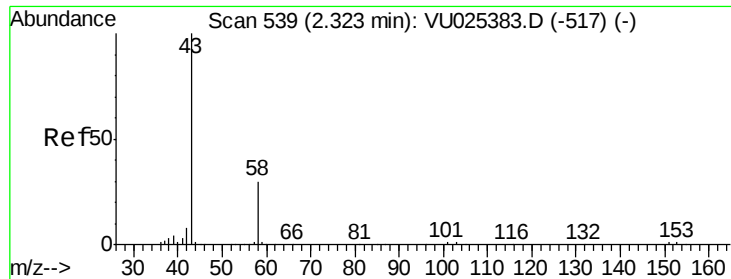
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.756 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025386.D

Acq: 13 Jul 2018 12:02

Instrument :

MSVOA_U

ClientSampleId :

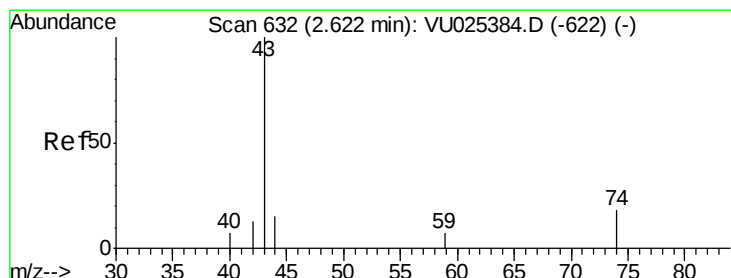
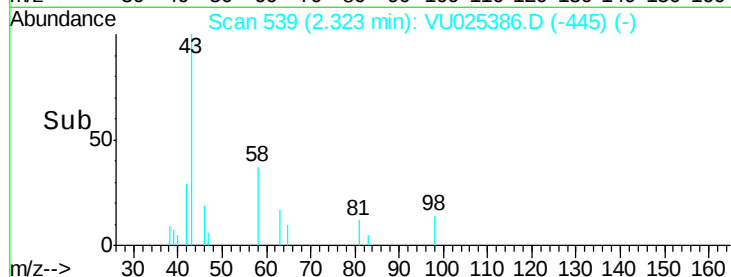
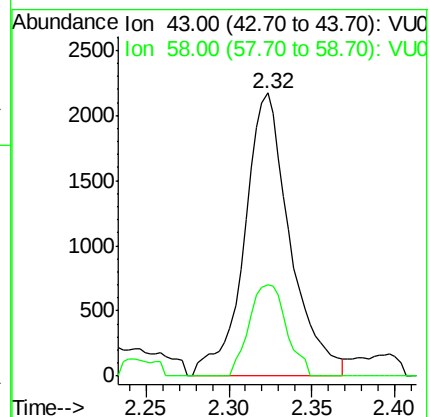
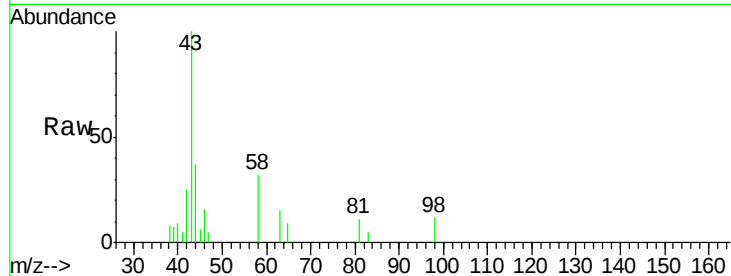
BEMG1

Tot Ion: 43 Resp: 4155

Ion Ratio Lower Upper

43 100

58 26.4 0.0 59.4



#15

Methyl Acetate

Concen: 1.433 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025386.D

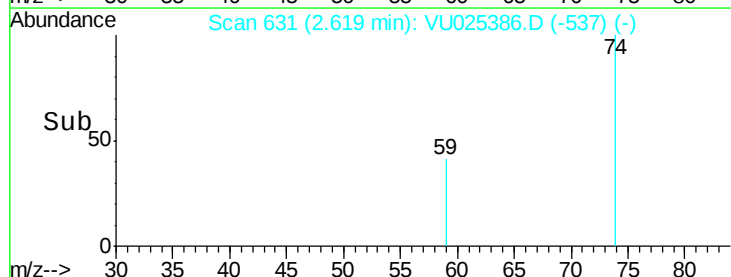
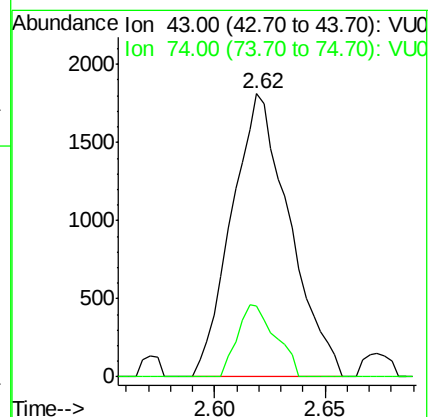
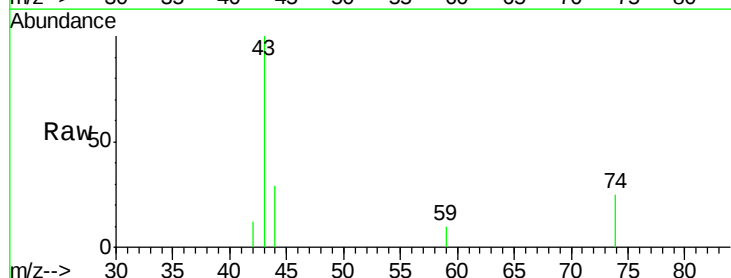
Acq: 13 Jul 2018 12:02

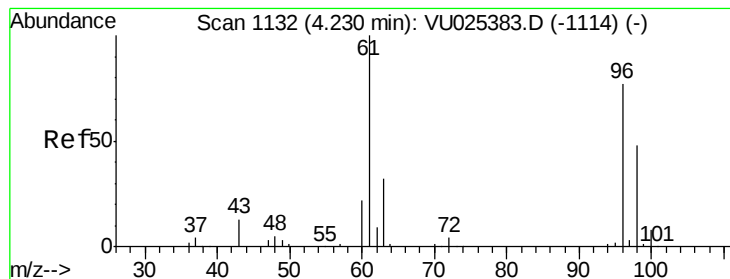
Tgt Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

74 16.8 18.6 28.0#





#20

cis-1,2-Dichloroethene

Concen: 7.096 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025386.D

Acq: 13 Jul 2018 12:02

Instrument :

MSVOA_U

ClientSampleId :

BEMG1

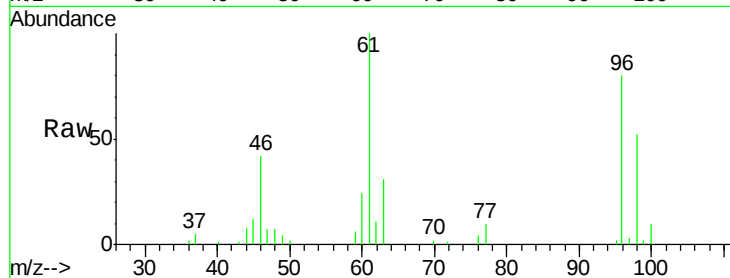
Tot Ion: 96 Resp: 15975

Ion Ratio Lower Upper

96 100

61 124.6 93.4 173.6

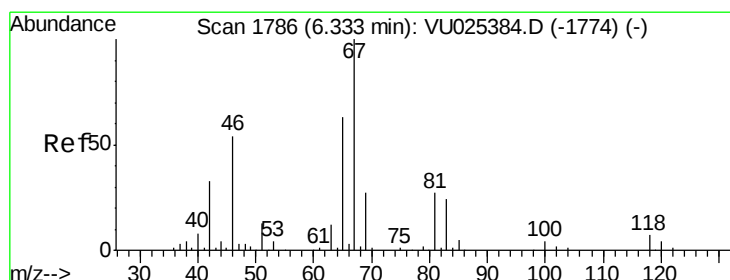
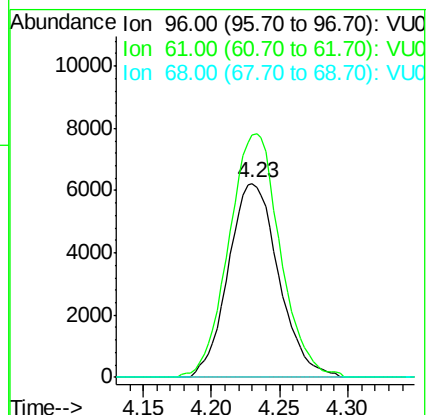
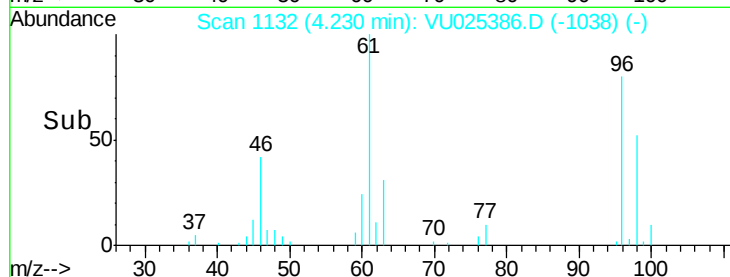
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#37

1,2-Dichloropropane

Concen: 6.132 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025386.D

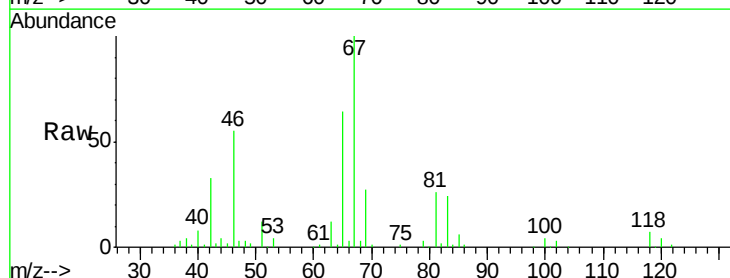
Acq: 13 Jul 2018 12:02

Tgt Ion: 63 Resp: 12759

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

