

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\
 Data File : VU027851.D
 Acq On : 29 Oct 2018 13:21
 Operator : MD/SY
 Sample : J5668-04RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ2RE

Quant Time: Oct 30 02:56:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 30 02:27:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	107884	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	100368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34630	41.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.52%
7) Chloroethane-d5	1.68	69	27302	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.50%
11) 1,1-Dichloroethene-d2	2.28	63	49230	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.12%
21) 2-Butanone-d5	4.18	46	65085	90.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	4.65	84	64587	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	46593	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	5.34	84	128585	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	6.33	67	45350	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.57	98	118725	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.85	79	21540	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	47463	90.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59024	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	43282	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%

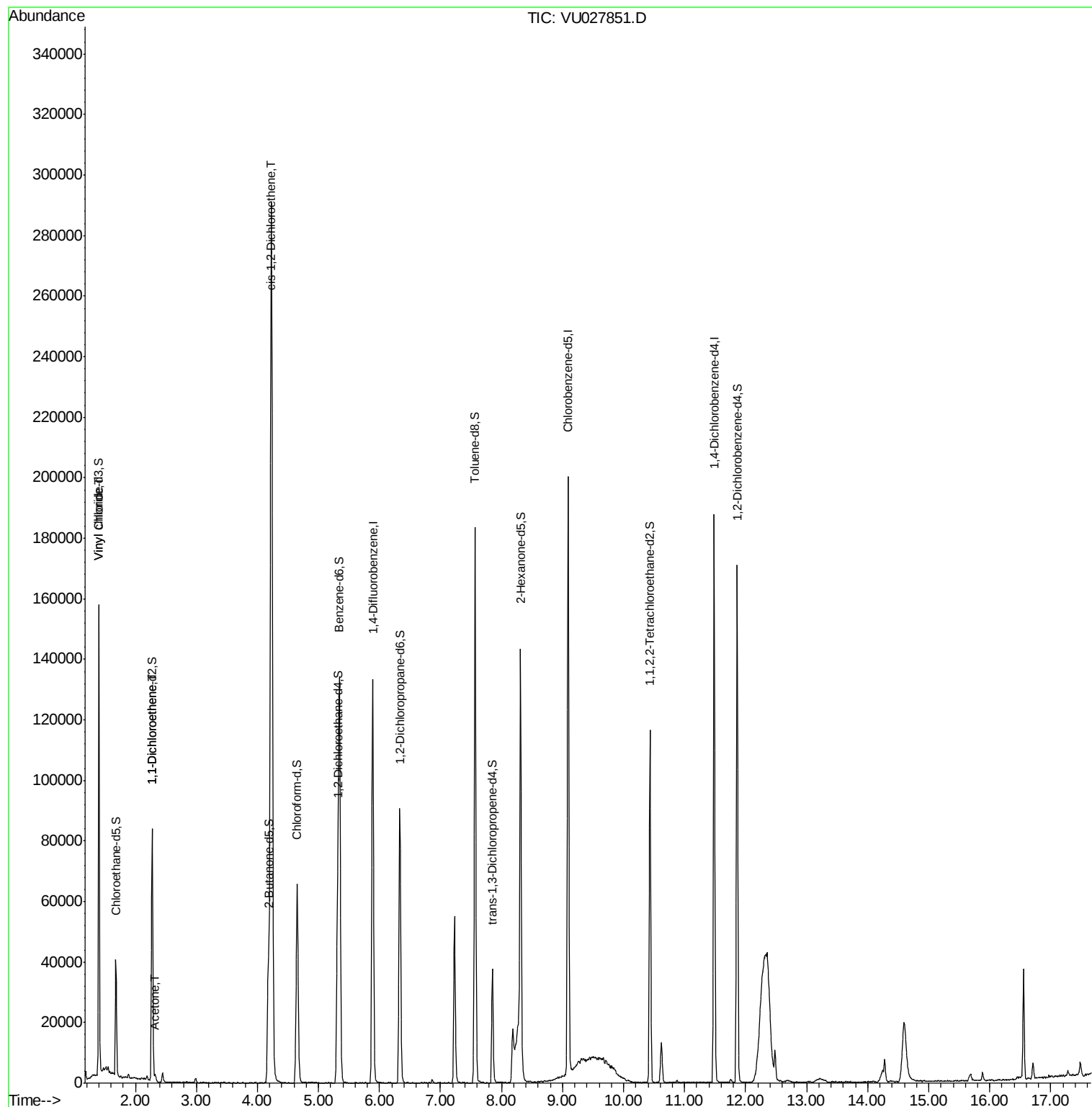
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	69172	71.00	ug/L	99
12) 1,1-Dichloroethene	2.28	96	833	1.39	ug/L	# 1
13) Acetone	2.32	43	2585	5.19	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	153787	195.49	ug/L	96

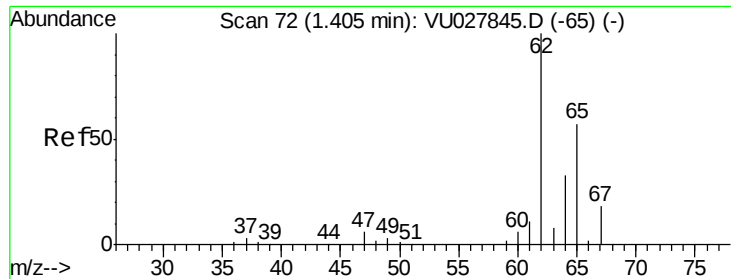
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 71.00 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

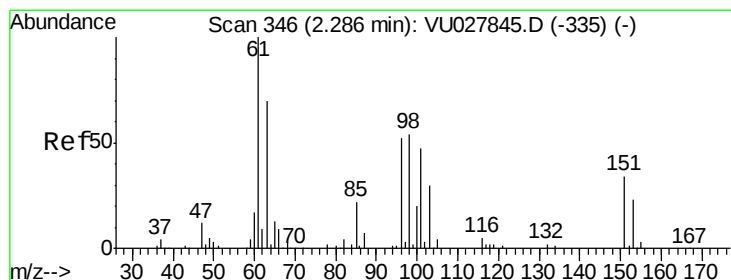
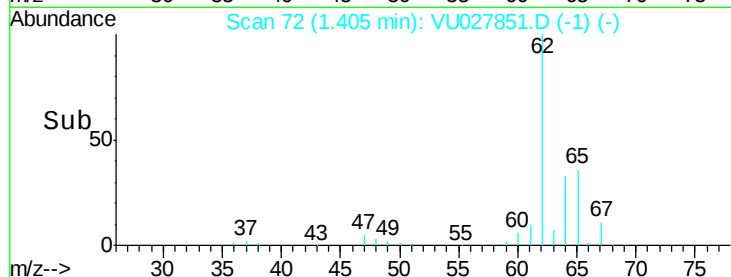
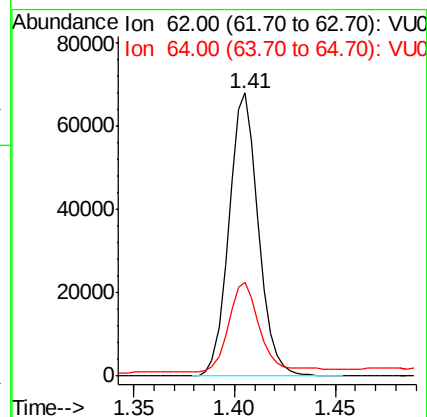
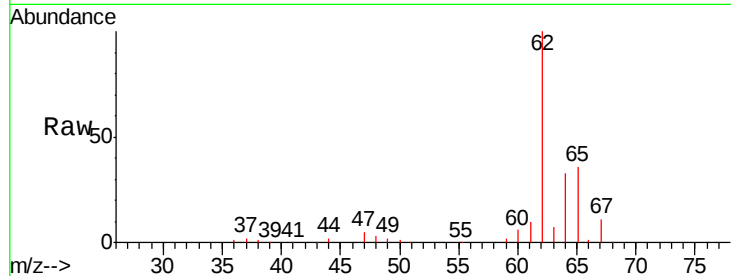
ETBQ2RE

Tgt Ion: 62 Resp: 69172

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.8



#12

1,1-Dichloroethene

Concen: 1.39 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

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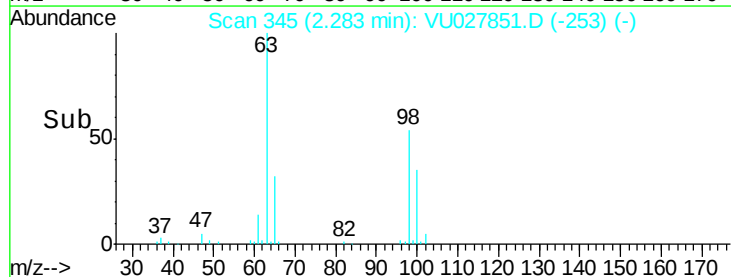
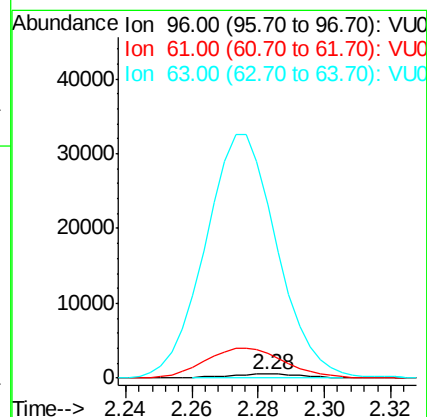
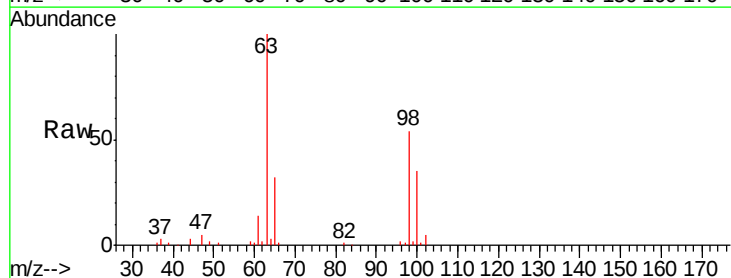
Tgt Ion: 96 Resp: 833

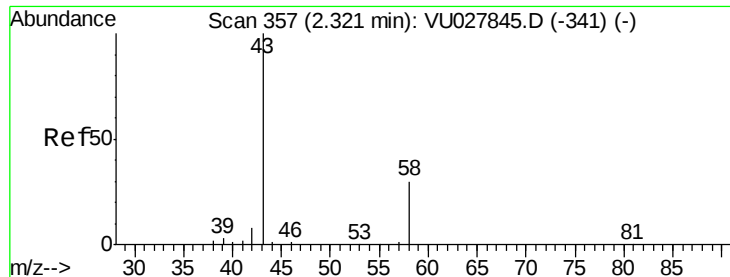
Ion Ratio Lower Upper

96 100

61 606.5 137.3 255.1#

63 4300.4 109.8 204.0#





#13

Acetone

Concen: 5.19 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

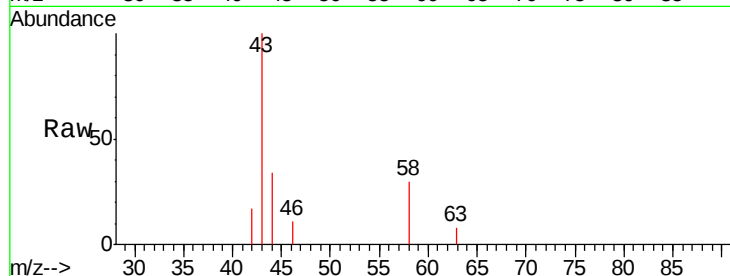
ETBQ2RE

Tgt Ion: 43 Resp: 2585

Ion Ratio Lower Upper

43 100

58 23.6 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

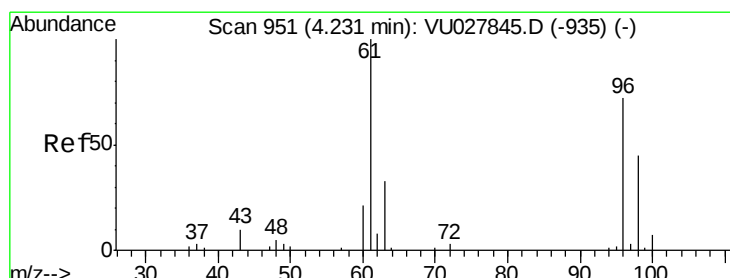
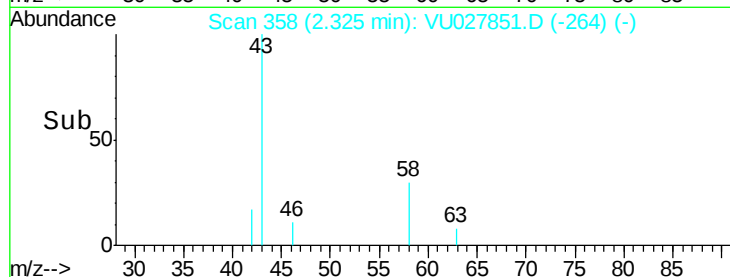
1500

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 195.49 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

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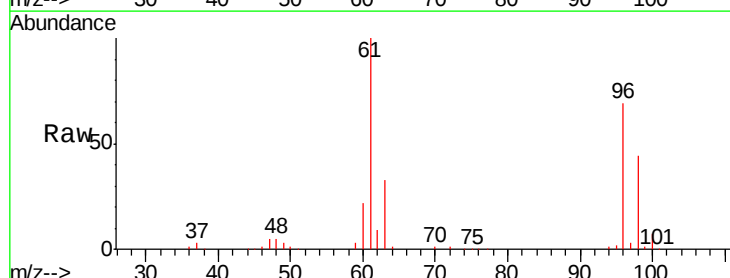
Tgt Ion: 96 Resp: 153787

Ion Ratio Lower Upper

96 100

61 144.2 104.2 193.4

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

120000

100000

80000

60000

40000

20000

0

Time-->

