

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027831.D
 Acq On : 26 Oct 2018 14:19
 Operator : MD/SY
 Sample : J5668-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ3

Quant Time: Oct 27 02:51:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	111997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	104268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31617	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.68	69	26434	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	46575	29.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.36%#
21) 2-Butanone-d5	4.18	46	74261	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.65	84	66969	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
26) 1,2-Dichloroethane-d4	5.31	65	48417	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.34	84	127211	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
36) 1,2-Dichloropropane-d6	6.33	67	47178	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.57	98	114419	41.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.54%
43) trans-1,3-Dichloropropene-	7.85	79	21457	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.31	63	53569	98.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63411	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	45099	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

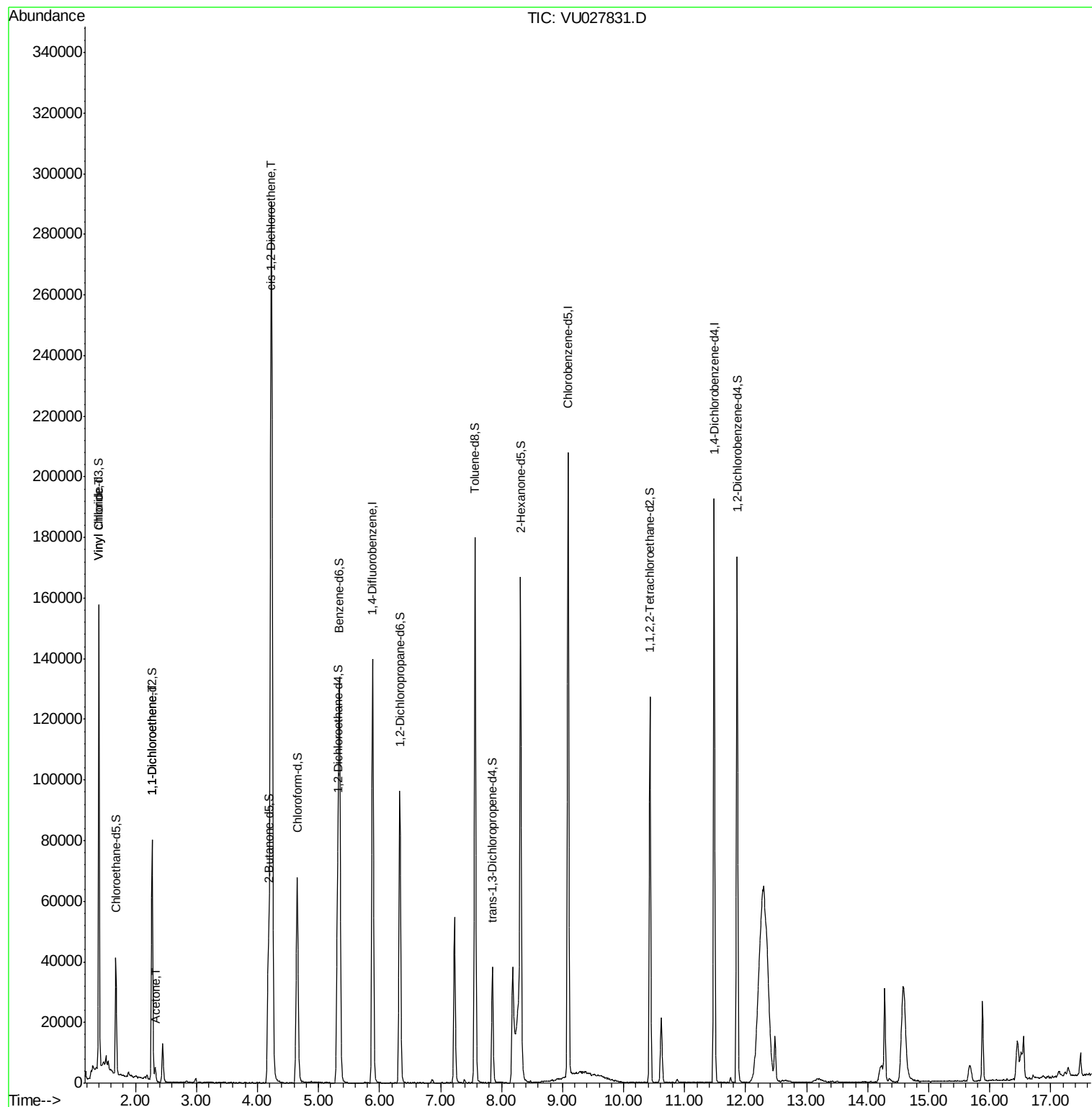
					Ovalue
5) Vinyl chloride	1.40	62	69058	68.281 ug/L	93
12) 1,1-Dichloroethene	2.28	96	672	1.077 ug/L #	1
13) Acetone	2.33	43	4665	9.018 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	153173	187.556 ug/L	98

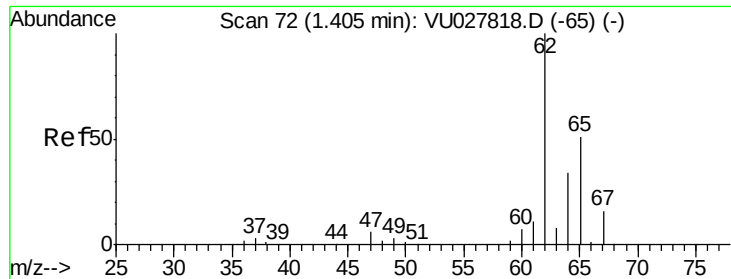
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 68.281 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

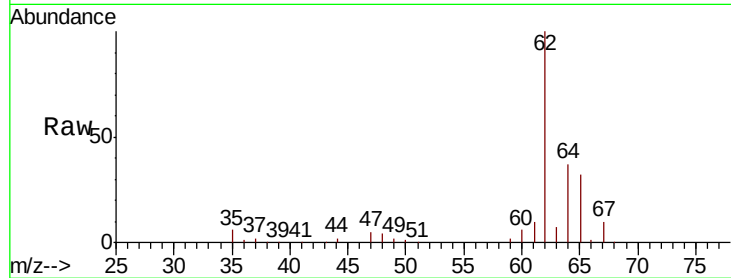
ETBQ3

Tot Ion: 62 Resp: 69058

Ion Ratio Lower Upper

62 100

64 36.9 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

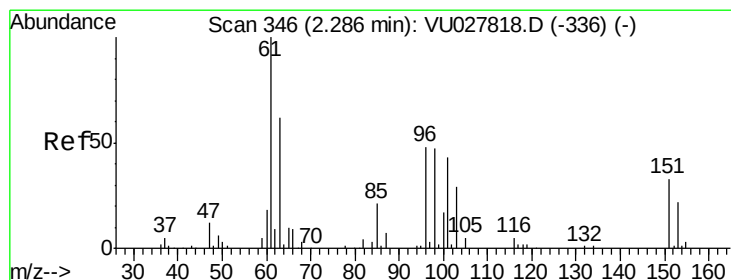
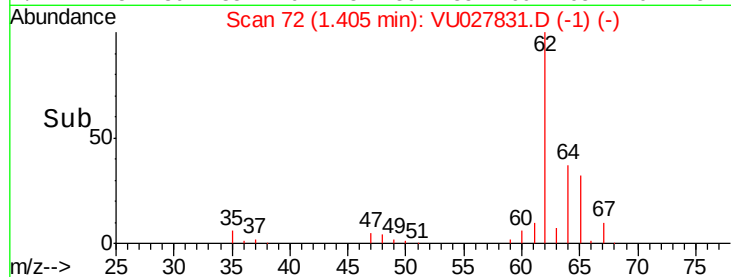
60000

40000

20000

0

Time--> 1.35 1.40 1.45



#12

1,1-Dichloroethene

Concen: 1.077 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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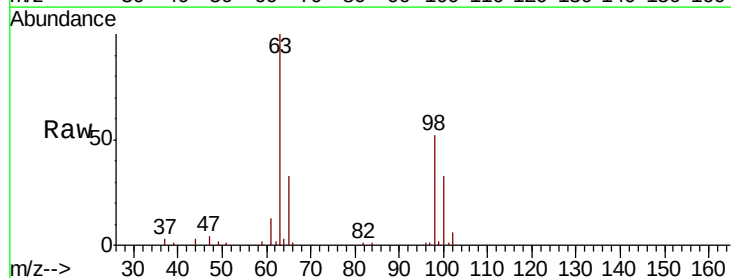
Tgt Ion: 96 Resp: 672

Ion Ratio Lower Upper

96 100

61 944.4 137.3 255.1#

63 7337.0 109.8 204.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

40000

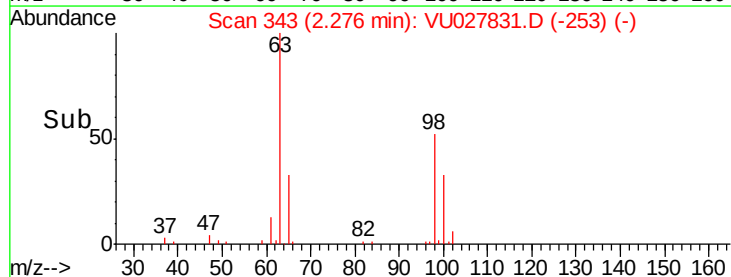
30000

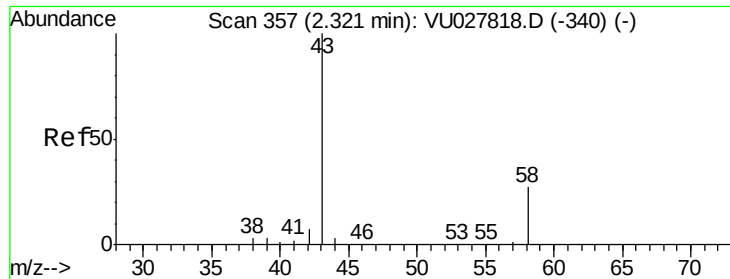
20000

10000

0

Time--> 2.24 2.26 2.28 2.30





#13

Acetone

Concen: 9.018 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

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Acq: 26 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampled :

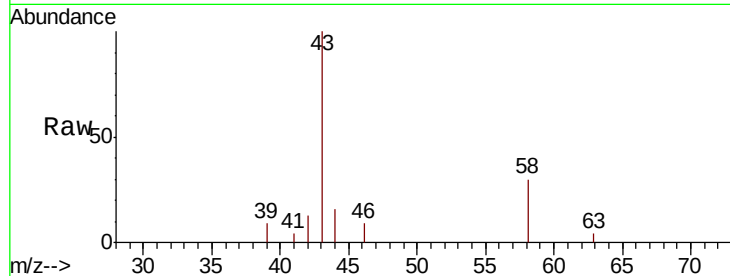
ETBQ3

Tot Ion: 43 Resp: 4665

Ion Ratio Lower Upper

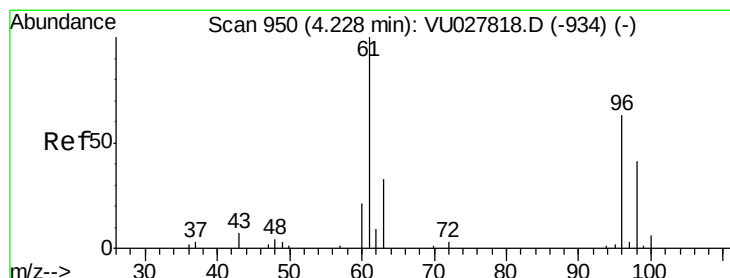
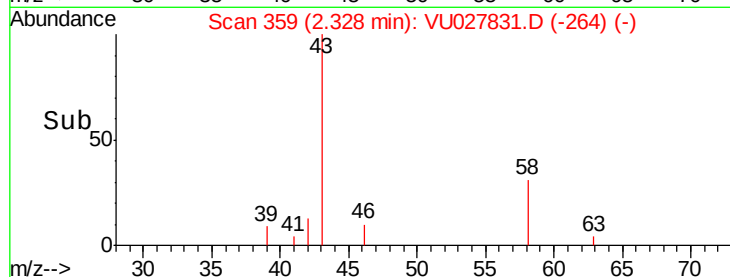
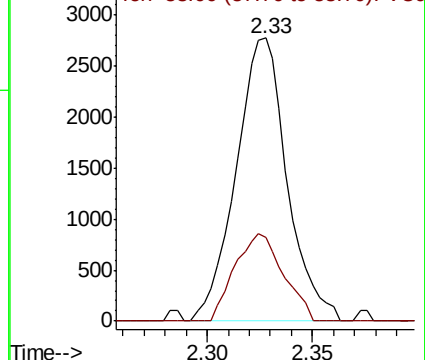
43 100

58 29.3 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 187.556 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

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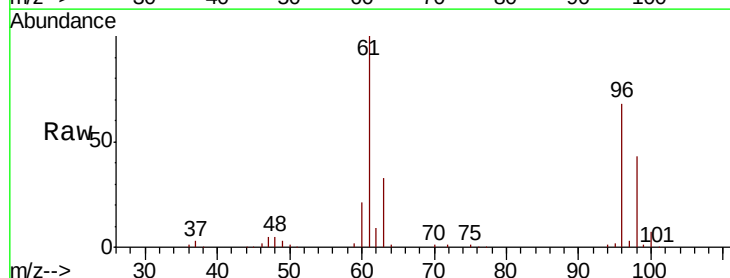
Tgt Ion: 96 Resp: 153173

Ion Ratio Lower Upper

96 100

61 146.3 104.2 193.4

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

