

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082118\
 Data File : VU026236.D
 Acq On : 21 Aug 2018 16:35
 Operator : MD/SY
 Sample : J4488-21DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0323DL

Quant Time: Aug 22 01:08:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 00:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	114273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	51397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33735	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.68	69	27812	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.28	63	54680	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.19	46	103360	59.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	4.65	84	68068	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.31	65	43531	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.35	84	148934	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.33	67	49636	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.57	98	125934	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	17718	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.32	63	84190	58.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39373	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	53819	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

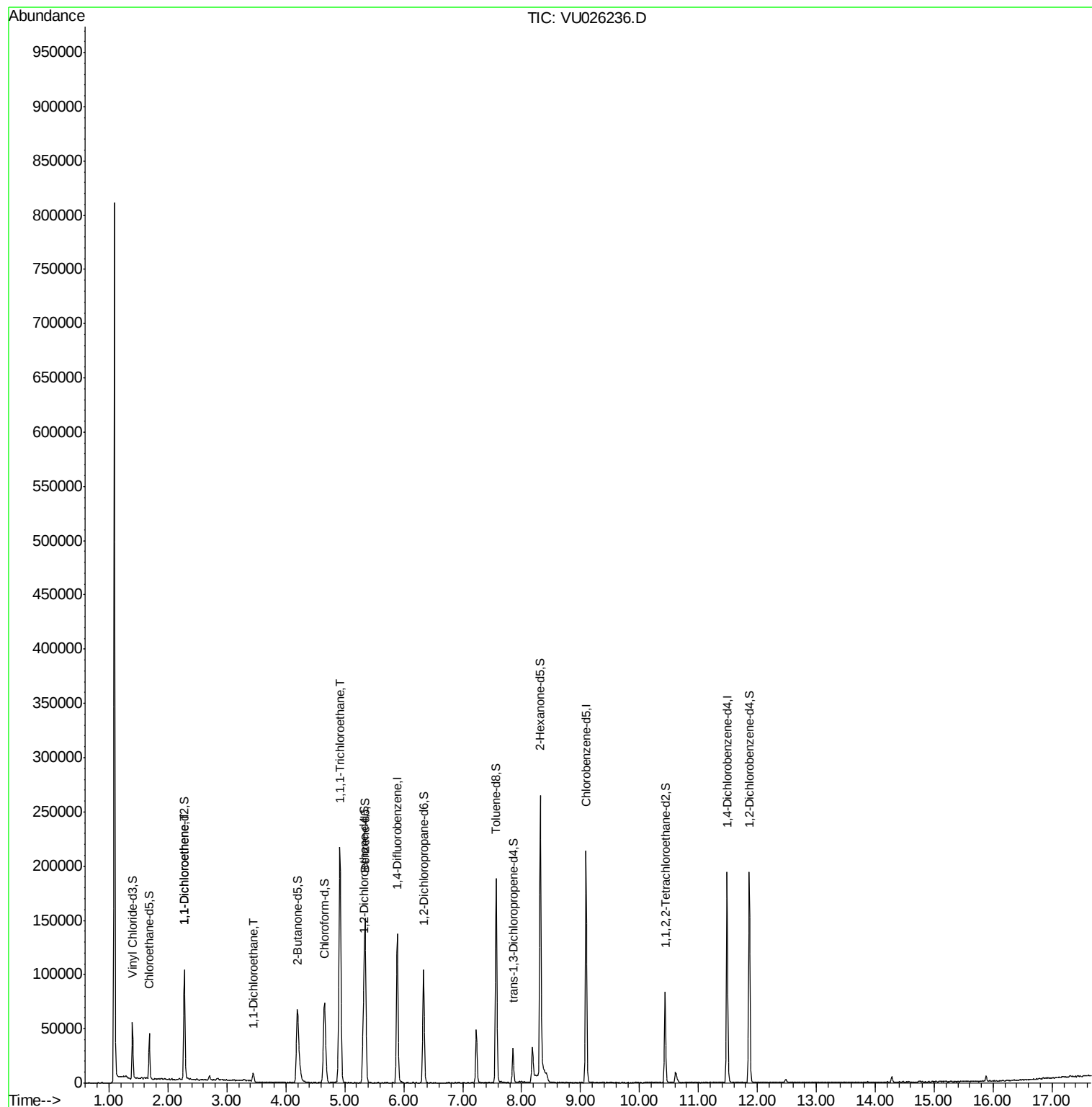
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.28	96	6121	0.92 ug/L	# 1
19) 1,1-Dichloroethane	3.45	63	8720	0.63 ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	171567	11.40 ug/L	99

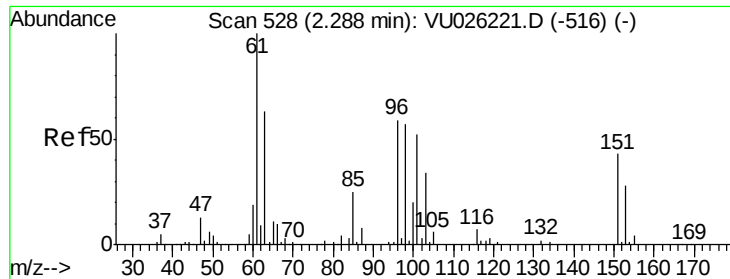
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.92 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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ClientSampleId :

C0323DL

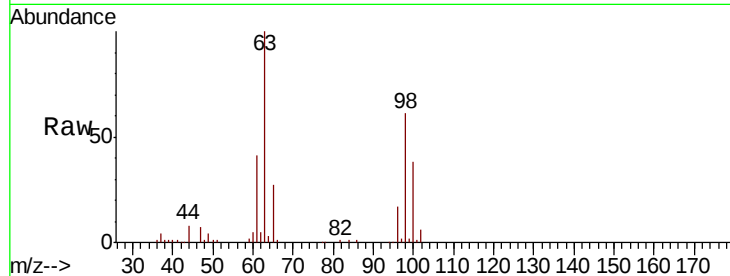
Tot Ion: 96 Resp: 6121

Ion Ratio Lower Upper

96 100

61 238.1 125.3 232.7#

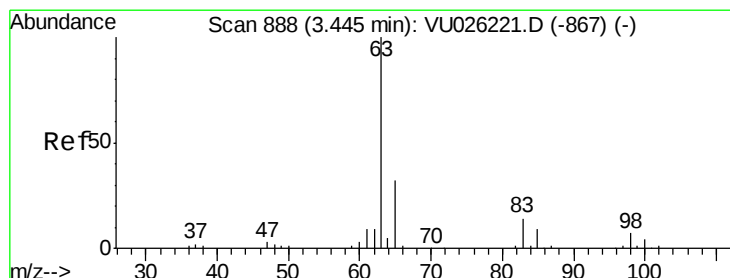
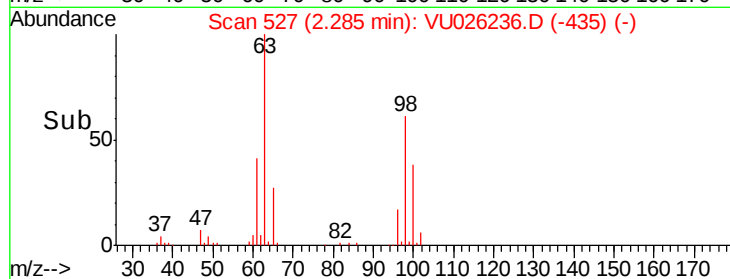
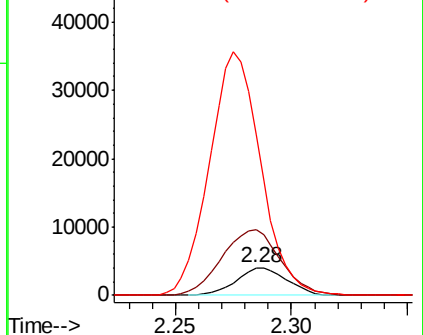
63 585.9 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#19

1,1-Dichloroethane

Concen: 0.63 ug/L

RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU026236.D

Acq: 21 Aug 2018 16:35

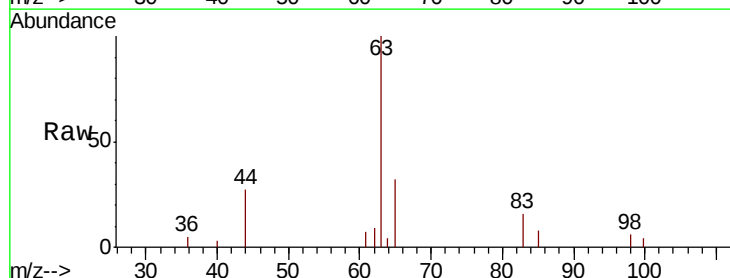
Tgt Ion: 63 Resp: 8720

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.0

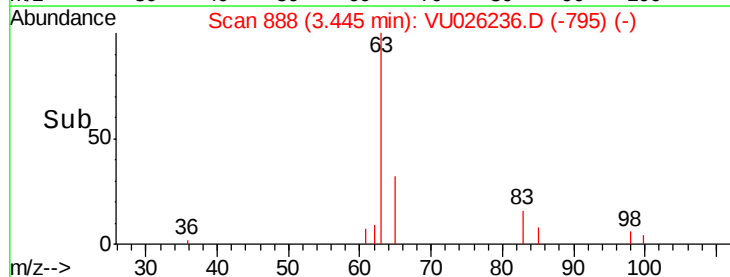
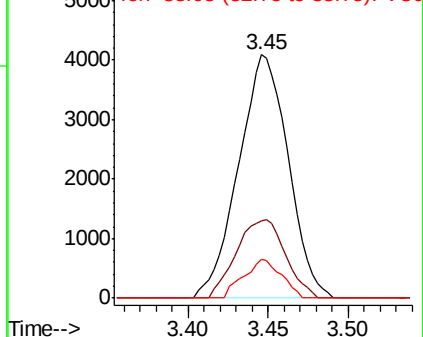
83 16.1 10.1 18.9

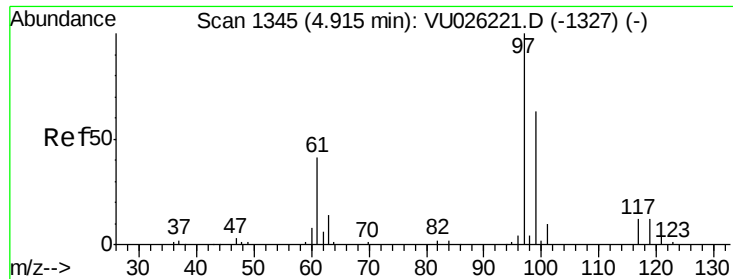


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#29

1,1,1-Trichloroethane

Concen: 11.40 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

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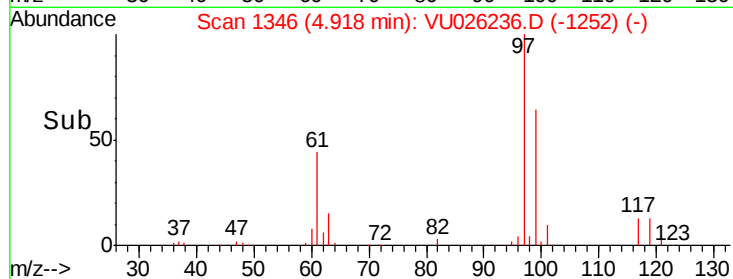
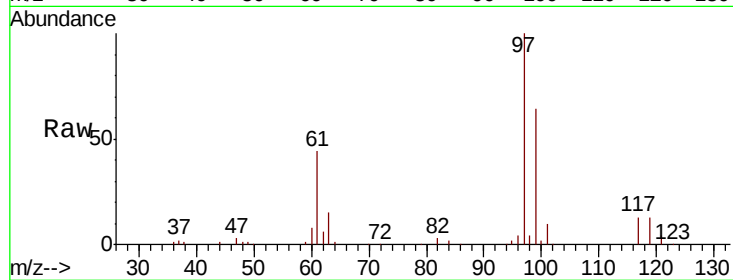
Tot Ion: 97 Resp: 171567

Ion Ratio Lower Upper

97 100

99 64.3 52.3 78.5

61 43.0 35.0 52.6



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0

