

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082118\
 Data File : VU026225.D
 Acq On : 21 Aug 2018 12:11
 Operator : MD/SY
 Sample : J4515-21DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0364DL

Quant Time: Aug 22 00:35:56 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	133012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35185	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.68	69	29780	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.28	63	79237	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.19	46	110618	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	4.65	84	84777	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	44888	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.35	84	157386	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.34	67	50953	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.57	98	136399	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	19317	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.32	63	86519	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40335	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	58738	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

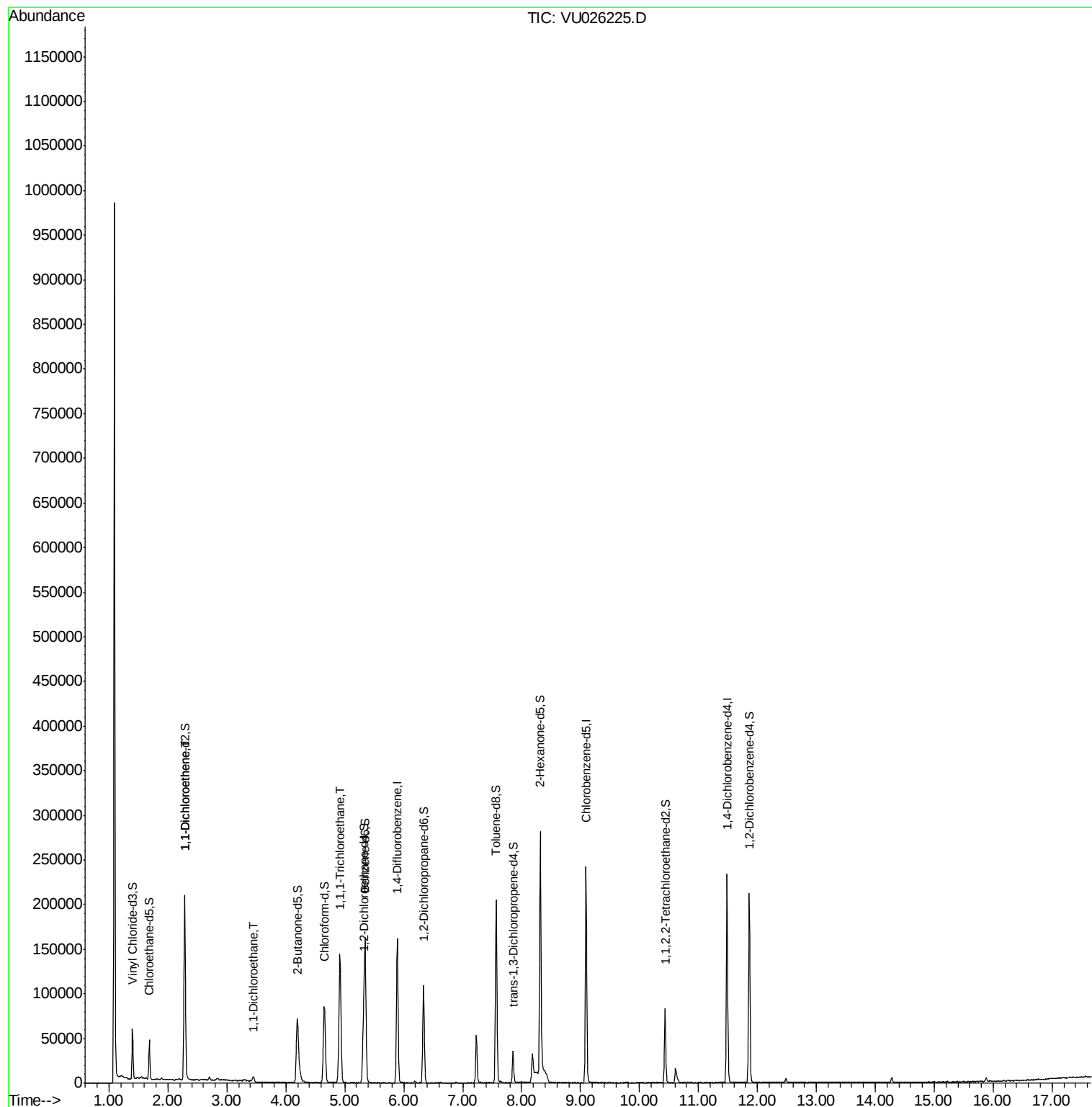
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.29	96	46710	6.04	ug/L	92
19) 1,1-Dichloroethane	3.45	63	5692	0.36	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	111733	6.43	ug/L	99

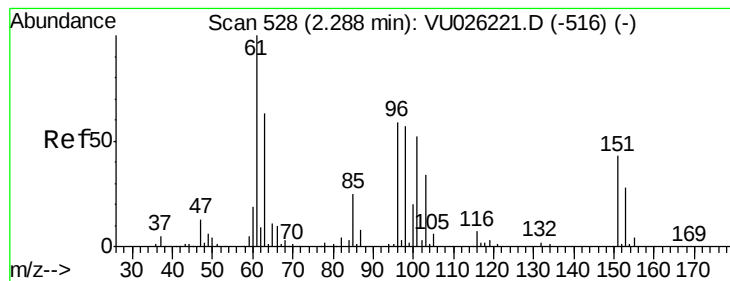
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.04 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

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ClientSampleID :

C0364DL

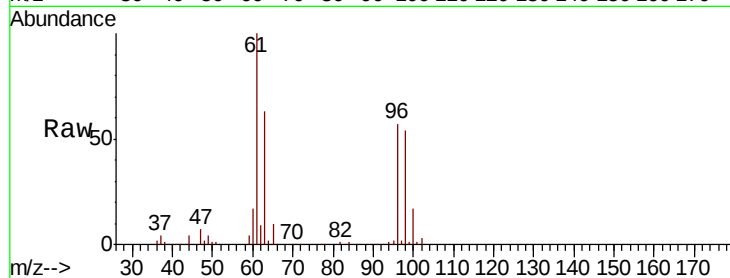
Tot Ion: 96 Resp: 46710

Ion Ratio Lower Upper

96 100

61 176.4 125.3 232.7

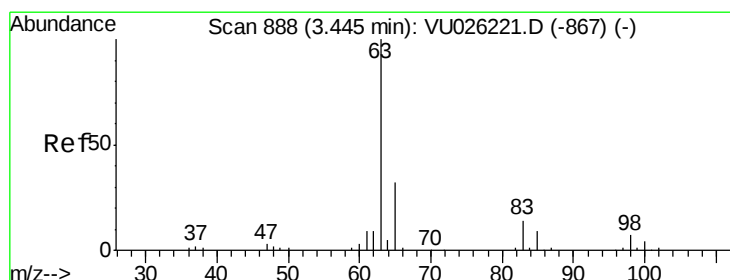
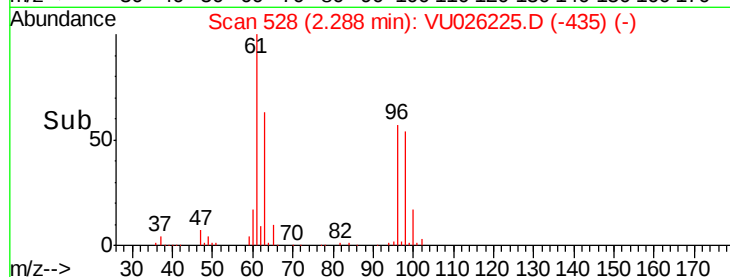
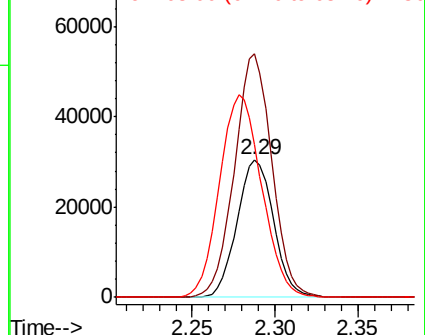
63 110.3 90.9 168.9



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: 0.36 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026225.D

Acq: 21 Aug 2018 12:11

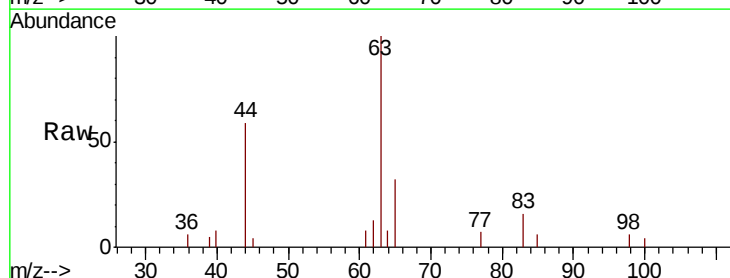
Tgt Ion: 63 Resp: 5692

Ion Ratio Lower Upper

63 100

65 32.0 23.2 43.0

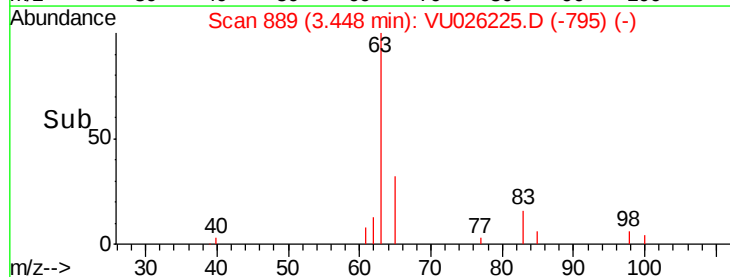
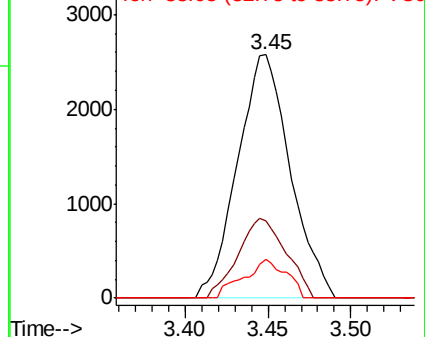
83 16.1 10.1 18.9

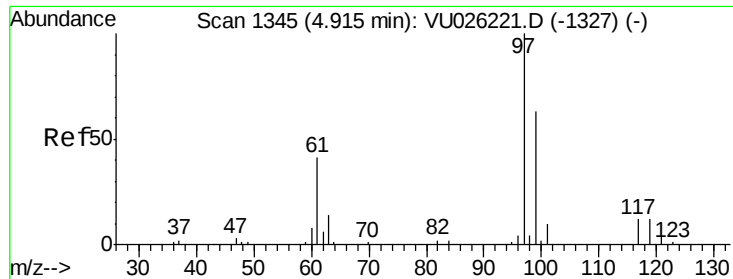


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#29

1,1,1-Trichloroethane

Concen: 6.43 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

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Tot Ion: 97 Resp: 111733

Ion Ratio Lower Upper

97 100

99 64.9 52.3 78.5

61 42.8 35.0 52.6

