

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013654.D
 Acq On : 18 Nov 2019 13:04
 Operator : SY/MD
 Sample : K5856-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAR26

Quant Time: Nov 19 06:12:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	320880	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	327338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108432	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	100288	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.13	63	146237	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.92	46	243446	53.11	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.22%
24) Chloroform-d	4.40	84	233342	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	115377	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	452125	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.11	67	141900	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	391316	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	48272	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	167267	42.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93709	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157235	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

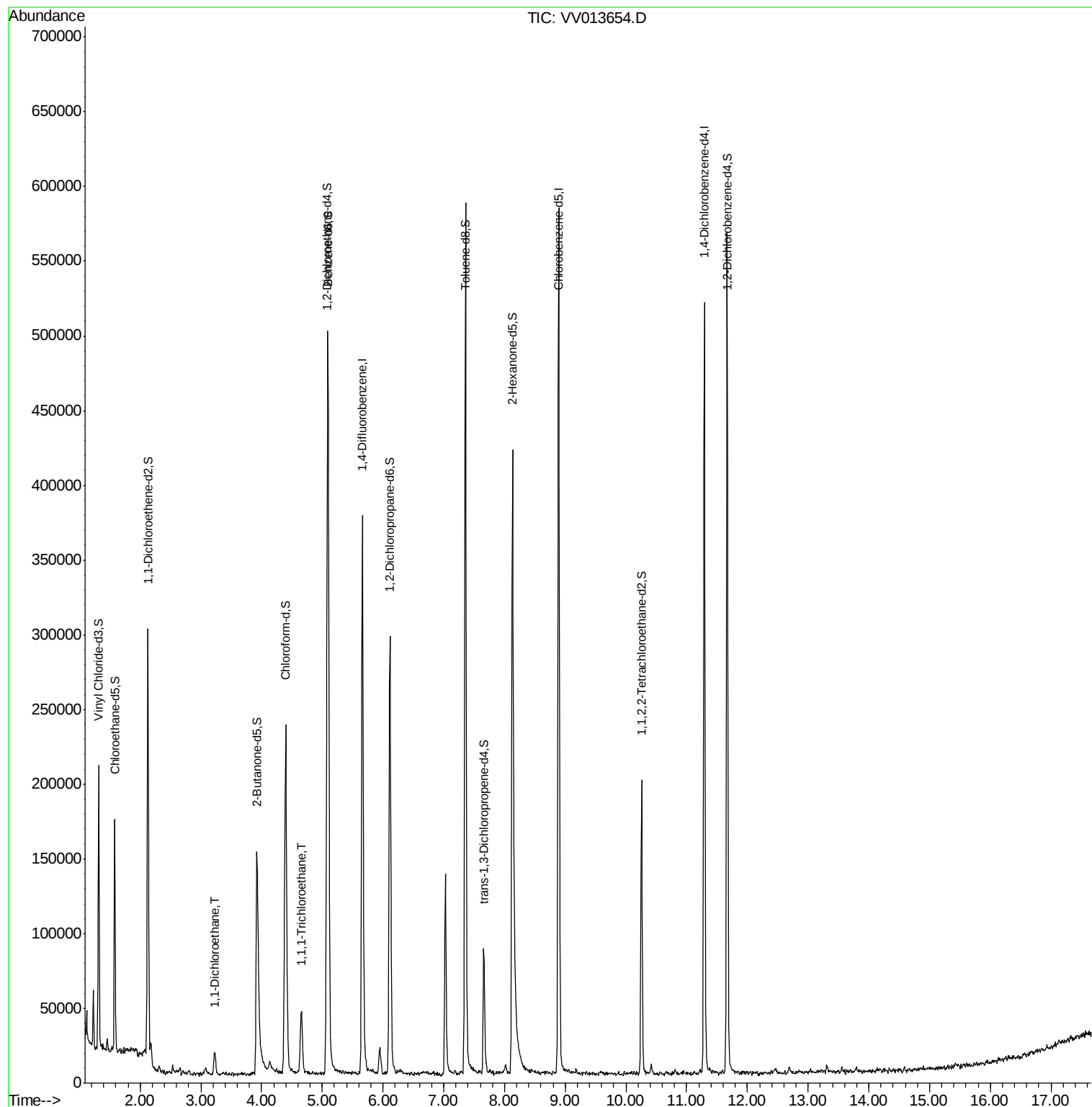
Target Compounds					Ovalue
19) 1,1-Dichloroethane	3.23	63	15447	0.366 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	32346	0.818 ug/L	97

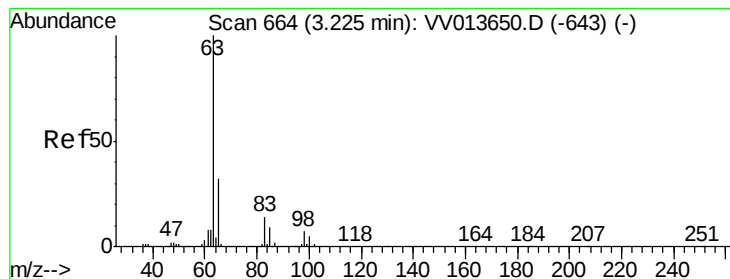
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.366 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013654.D

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Instrument :

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ClientSampleId :

GAR26

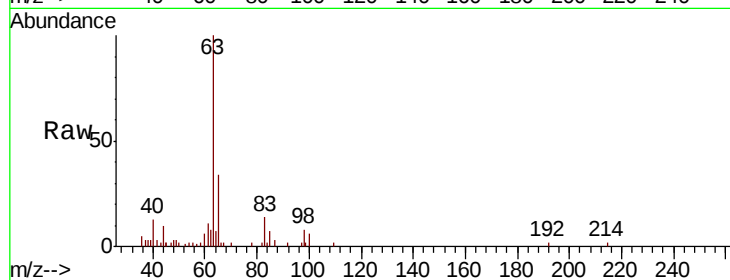
Tot Ion: 63 Resp: 15447

Ion Ratio Lower Upper

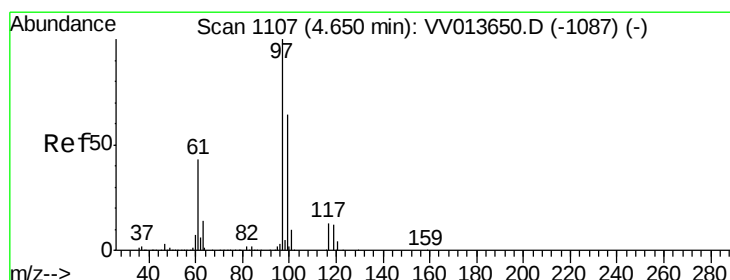
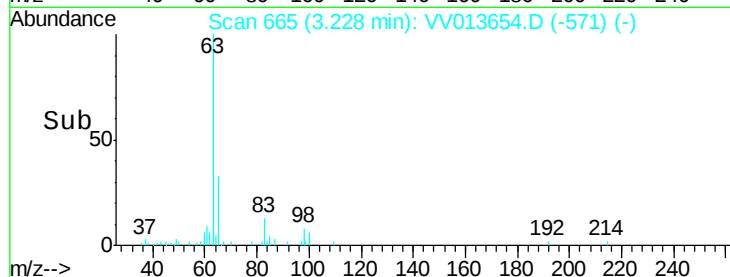
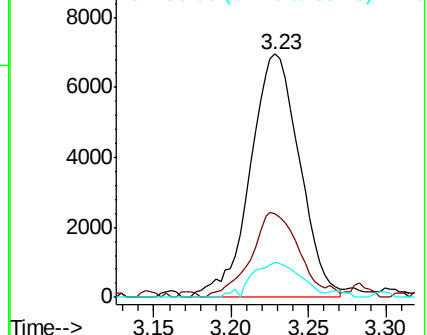
63 100

65 34.3 22.5 41.7

83 14.2 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#29

1,1,1-Trichloroethane

Concen: 0.818 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

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Acq: 18 Nov 2019 13:04

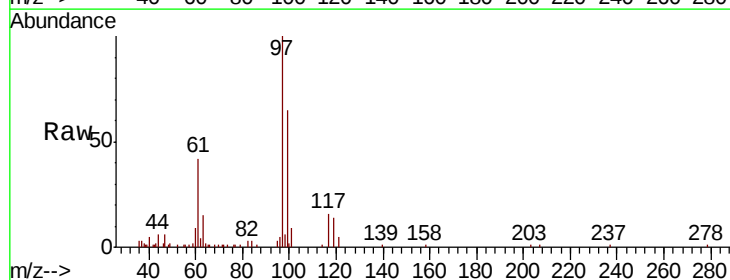
Tgt Ion: 97 Resp: 32346

Ion Ratio Lower Upper

97 100

99 66.6 52.6 79.0

61 47.6 34.7 52.1



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

