

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV082118\
 Data File : VV007111.D
 Acq On : 21 Aug 2018 19:43
 Operator : SY/MD
 Sample : J4488-20
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0321

Quant Time: Aug 22 04:08:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 03:46:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	276098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	278224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93149	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	79063	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	127294	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.97	46	255308	56.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.80%
24) Chloroform-d	4.41	84	188355	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	97075	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	366269	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	123676	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.37	98	277796	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	39080	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	105981	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88949	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	103198	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

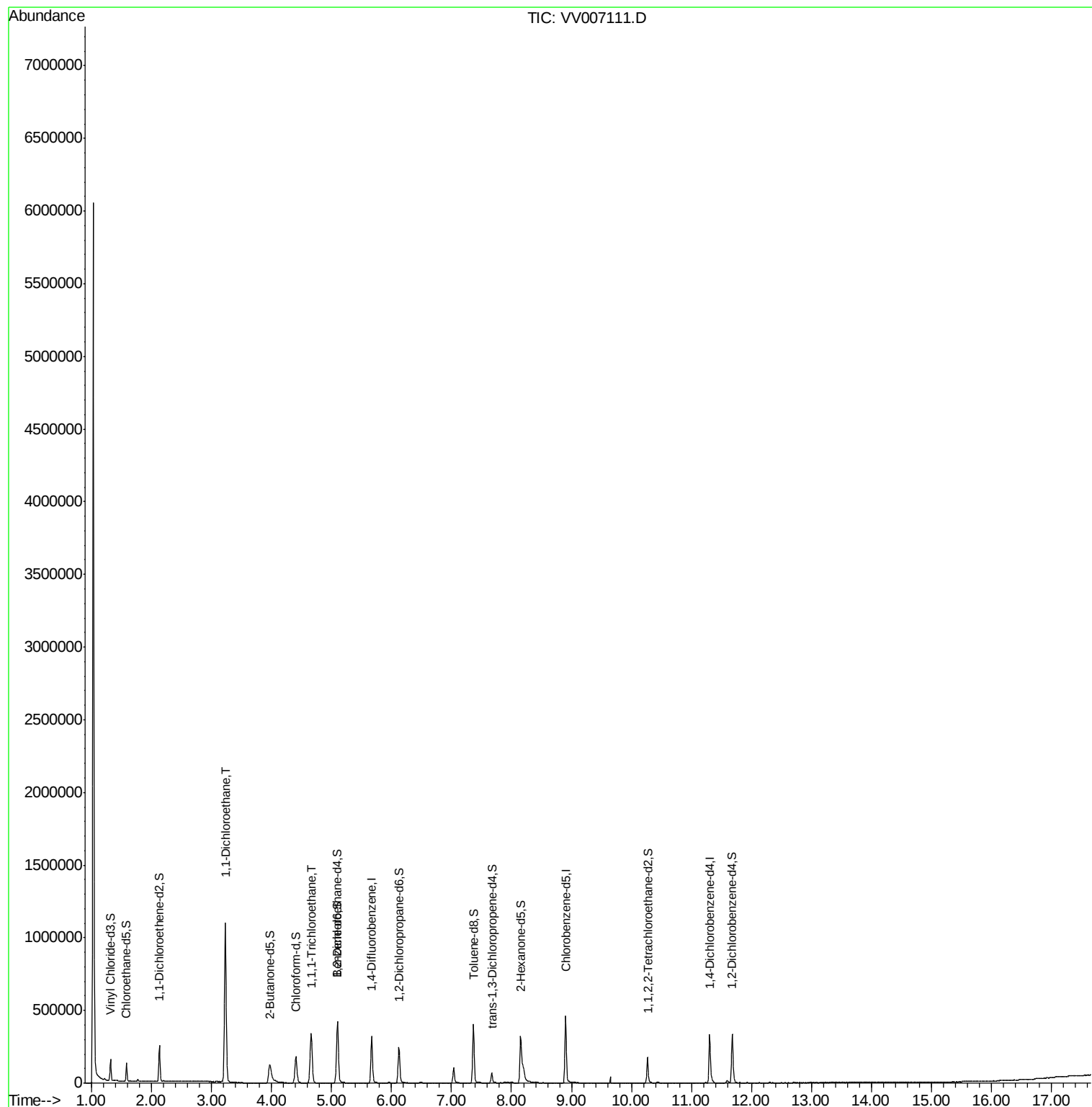
Target Compounds					Ovalue
19) 1,1-Dichloroethane	3.23	63	1112063	28.577 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	274970	7.611 ug/L	99

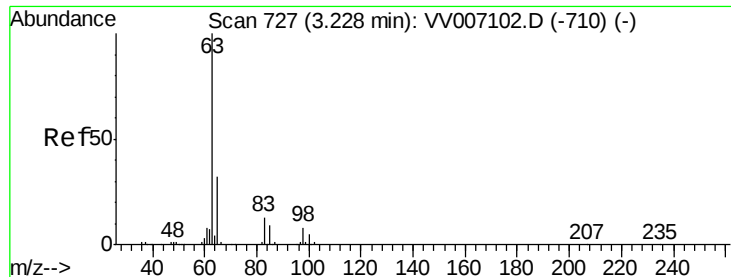
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 28.577 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007111.D

Acq: 21 Aug 2018 19:43

Instrument :

MSVOA_V

ClientSampleId :

C0321

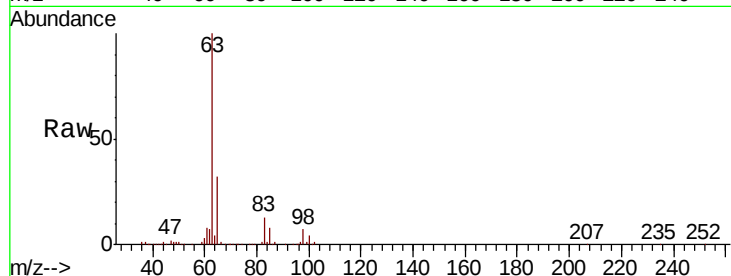
Tot Ion: 63 Resp: 1112063

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.9

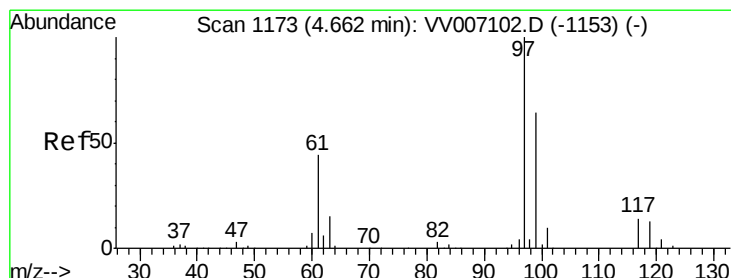
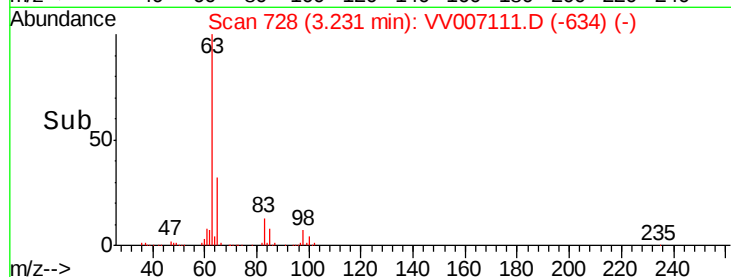
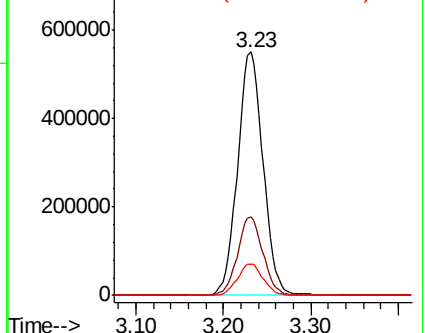
83 13.0 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VV007102.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VV007102.D (-710) (-)

Ion 83.05 (82.75 to 83.75): VV007102.D (-710) (-)



#29

1,1,1-Trichloroethane

Concen: 7.611 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV007111.D

Acq: 21 Aug 2018 19:43

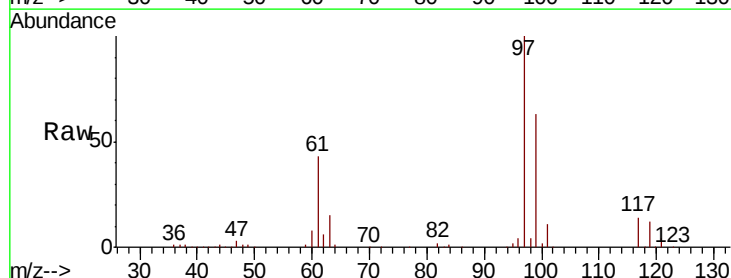
Tgt Ion: 97 Resp: 274970

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 43.2 35.3 52.9



Abundance Ion 96.95 (96.65 to 97.65): VV007102.D (-1153) (-)

Ion 99.05 (98.75 to 99.75): VV007102.D (-1153) (-)

Ion 61.05 (60.75 to 61.75): VV007102.D (-1153) (-)

