

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110218\
 Data File : VR026169.D
 Acq On : 2 Nov 2018 20:08
 Operator : SY/MD
 Sample : J5802-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE7

Quant Time: Nov 03 06:11:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 03 06:46:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	553684	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	479224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	162381	3.35	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	2.63	69	164977	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.63	63	318269	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	6.59	46	244132	61.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	7.20	84	334672	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.90	65	150126	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.85	84	632510	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	8.90	67	183615	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	563007	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	10.24	79	43617	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	203058	67.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.86%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	82207	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	123497	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

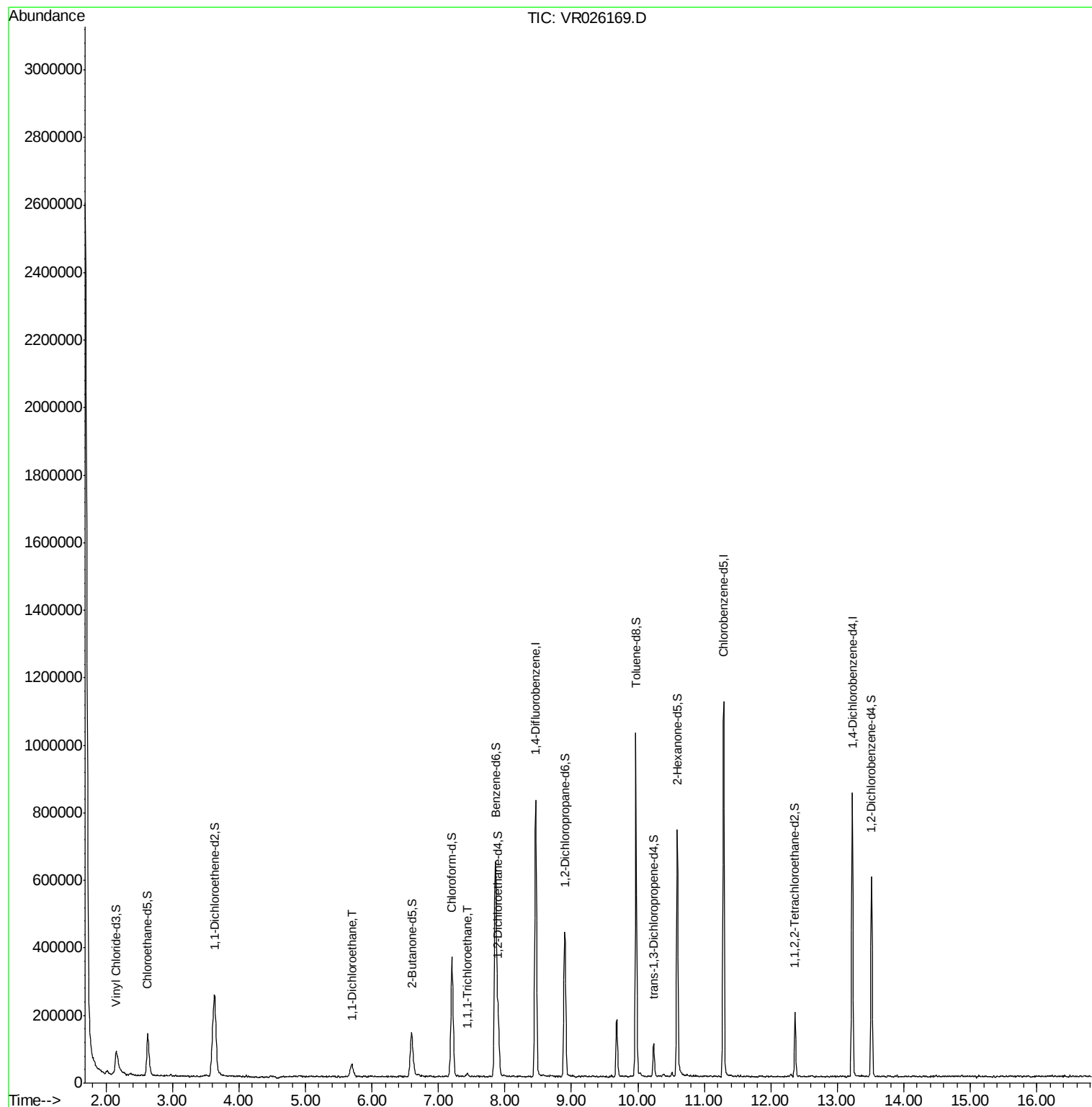
Target Compounds					Ovalue
19) 1,1-Dichloroethane	5.69	63	54866	0.718 ug/L	94
29) 1,1,1-Trichloroethane	7.43	97	6885	0.105 ug/L	95

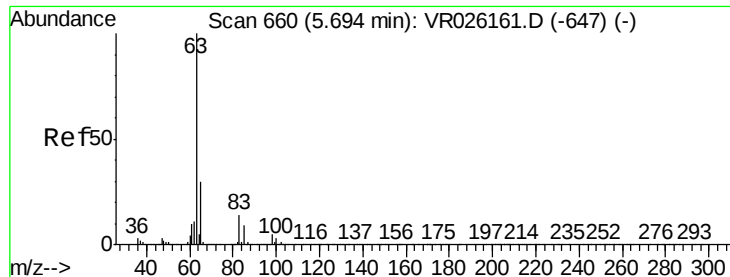
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.718 ug/L

RT: 5.69 min Scan# 659

Delta R.T. -0.01 min

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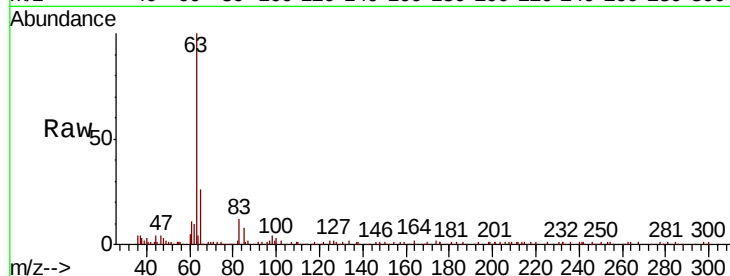
Tot Ion: 63 Resp: 54866

Ion Ratio Lower Upper

63 100

65 26.3 21.2 39.4

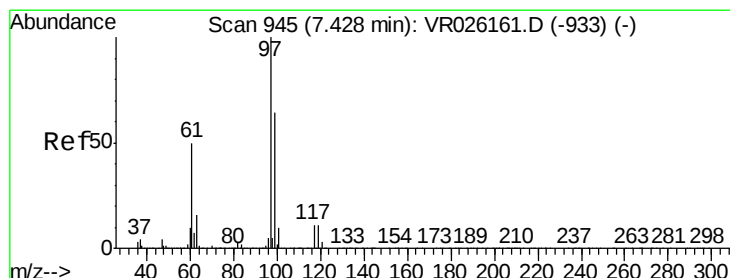
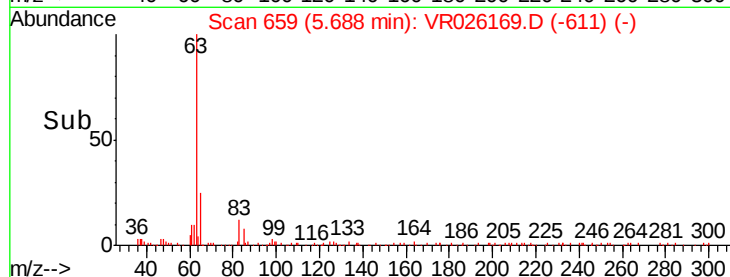
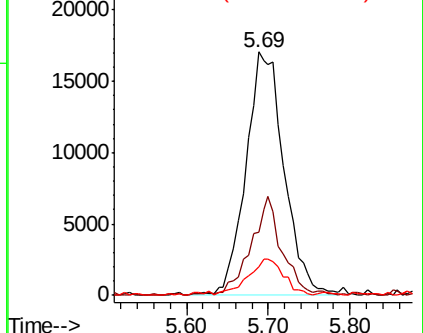
83 12.0 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#29

1,1,1-Trichloroethane

Concen: 0.105 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

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Acq: 2 Nov 2018 20:08

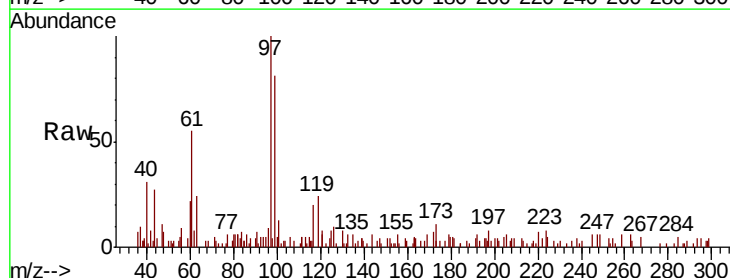
Tgt Ion: 97 Resp: 6885

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 59.9 42.1 63.1



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

