

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092118\
 Data File : VV007700.D
 Acq On : 21 Sep 2018 15:55
 Operator : SY/MD
 Sample : J4989-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOR8

Quant Time: Sep 22 00:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 03:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94199	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15304	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.59	69	17062	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.14	63	29117	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.96	46	52535	53.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	4.41	84	42494	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	22752	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	78316	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	24343	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	76323	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	8274	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	36398	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20506	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	37110	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

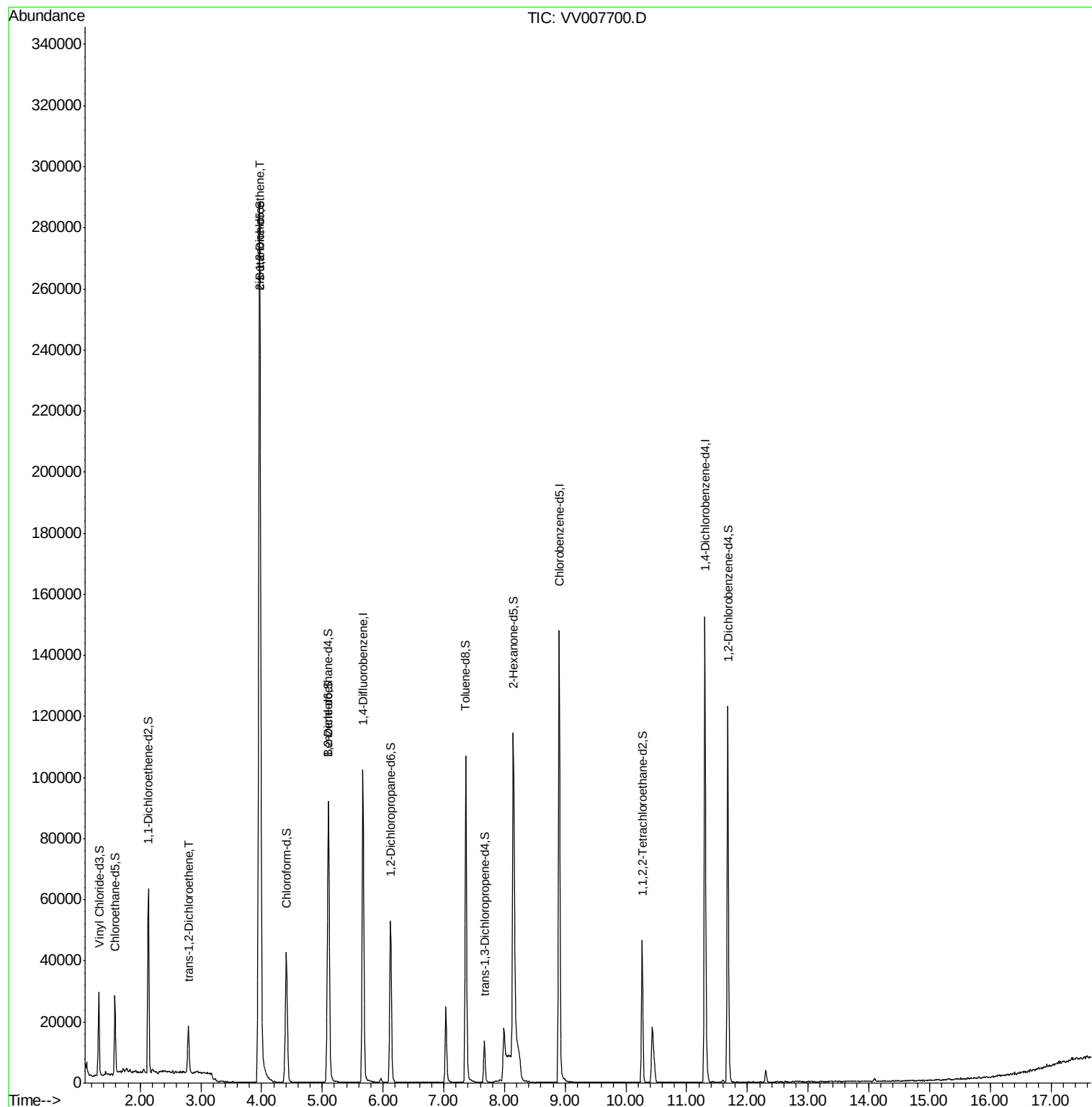
Target Compounds					Ovalue
18) trans-1,2-Dichloroethene	2.79	96	5746	0.762 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	153473	23.043 ug/L	98

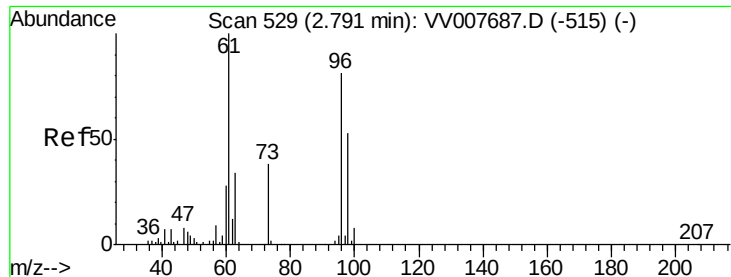
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.762 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

ET0R8

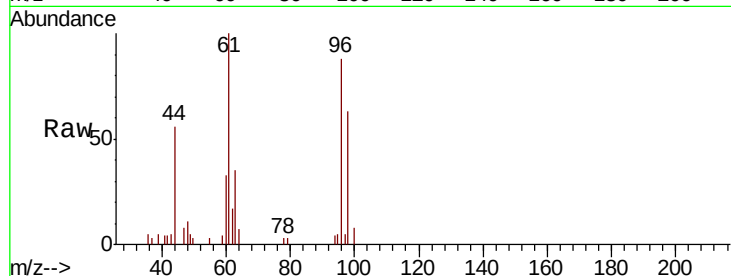
Tot Ion: 96 Resp: 5746

Ion Ratio Lower Upper

96 100

61 113.4 84.4 156.7

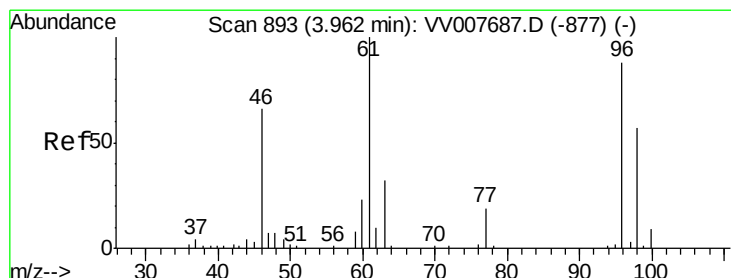
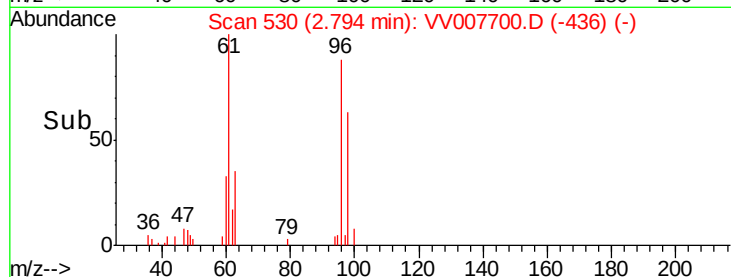
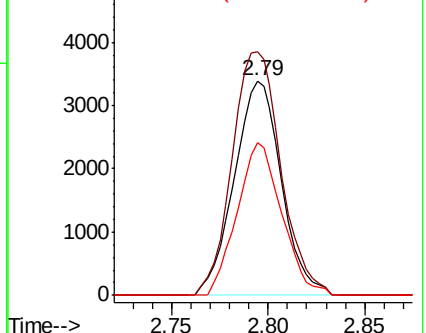
98 71.3 43.0 80.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 23.043 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

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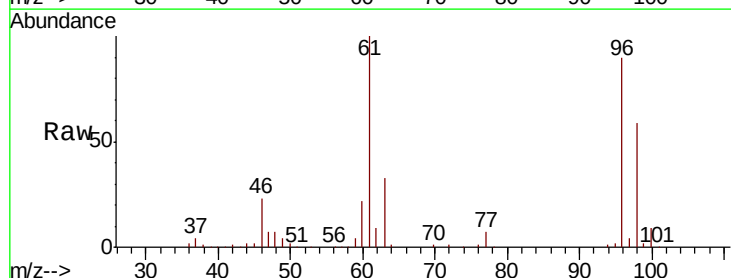
Tgt Ion: 96 Resp: 153473

Ion Ratio Lower Upper

96 100

61 111.0 79.0 146.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

