

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018261.D
 Acq On : 17 Sep 2020 01:35
 Operator : SY/MD
 Sample : L4042-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC6

Quant Time: Sep 17 06:19:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285168	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91119	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.58	69	74946	39.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.82%
11) 1,1-Dichloroethene-d2	2.12	63	132347	31.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.10%
21) 2-Butanone-d5	3.92	46	115341	81.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.08%
24) Chloroform-d	4.38	84	162510	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.06	65	108854	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
32) Benzene-d6	5.08	84	330203	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.96%
36) 1,2-Dichloropropane-d6	6.09	67	105972	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.78%
41) Toluene-d8	7.34	98	292402	39.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.64%#
43) trans-1,3-Dichloropropene-	7.64	79	49438	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
47) 2-Hexanone-d5	8.11	63	82579	85.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140093	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	123777	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

Target Compounds

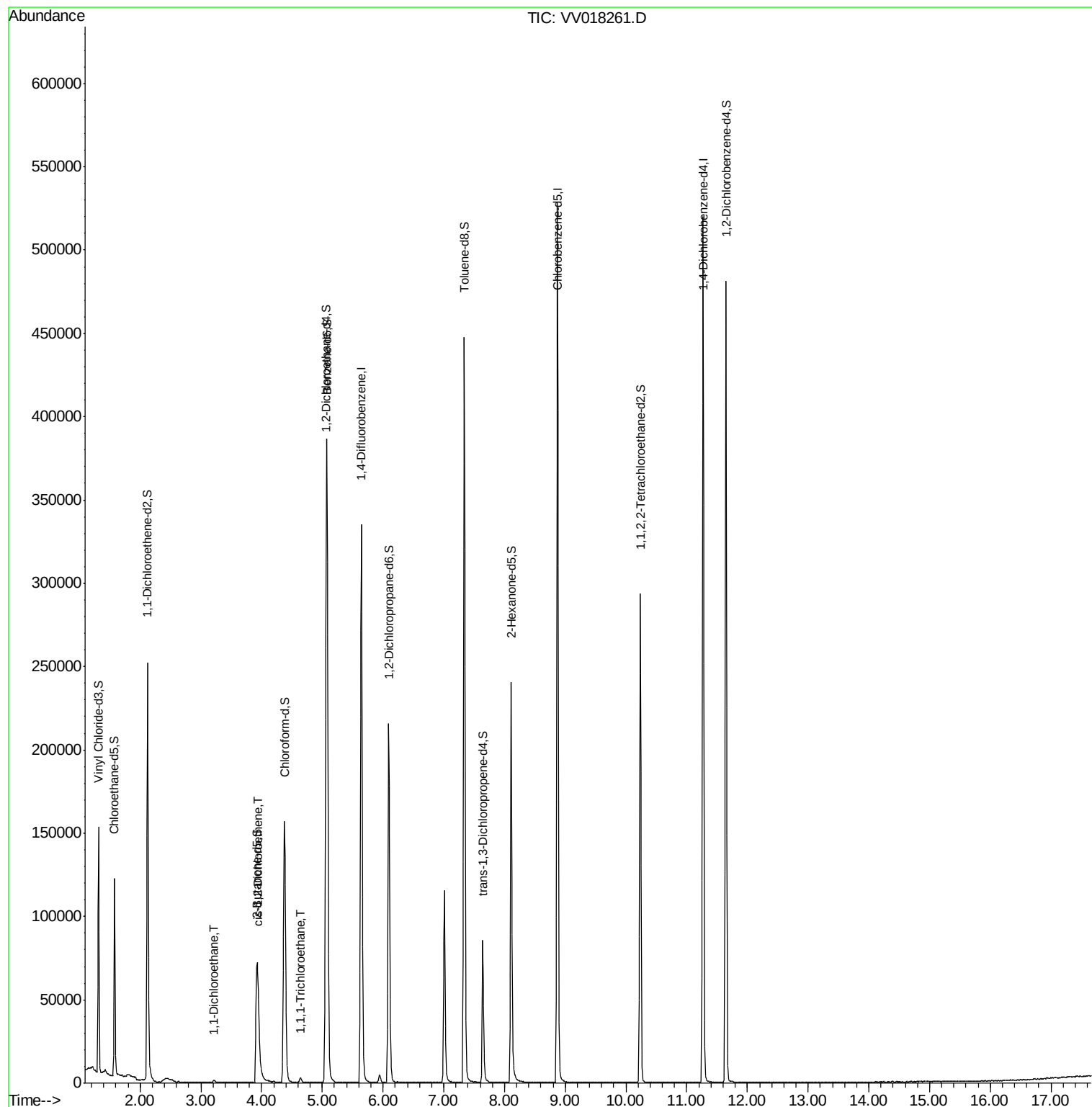
					Ovalue
19) 1,1-Dichloroethane	3.21	63	2383	0.653 ug/L	90
20) cis-1,2-Dichloroethene	3.95	96	8489	4.115 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	2566	0.786 ug/L #	90

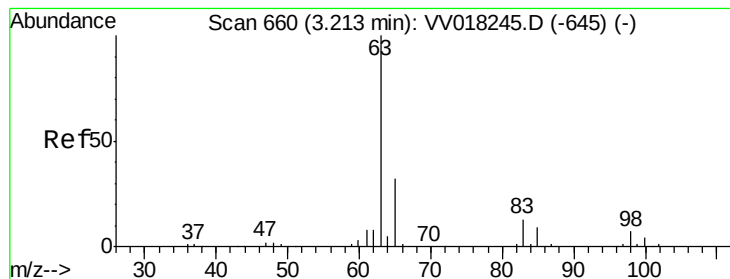
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.653 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

Instrument :

MSVOA_V

ClientSampled :

C0AC6

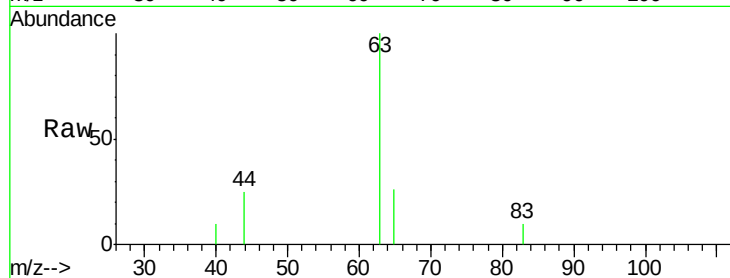
Tot Ion: 63 Resp: 2383

Ion Ratio Lower Upper

63 100

65 26.2 22.5 41.7

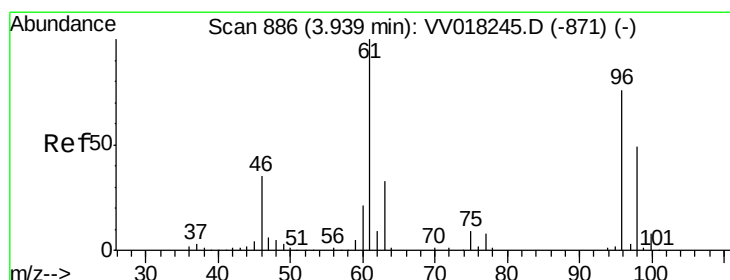
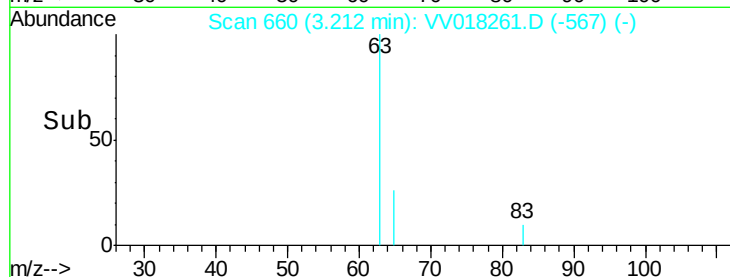
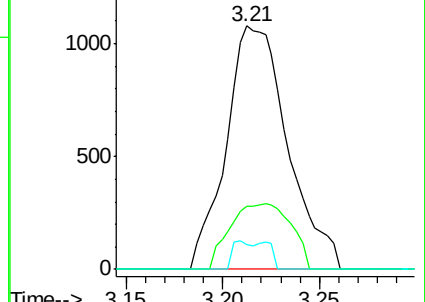
83 10.4 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 4.115 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018261.D

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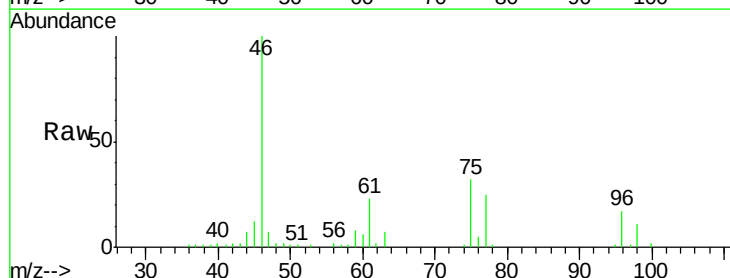
Tgt Ion: 96 Resp: 8489

Ion Ratio Lower Upper

96 100

61 137.9 93.6 173.8

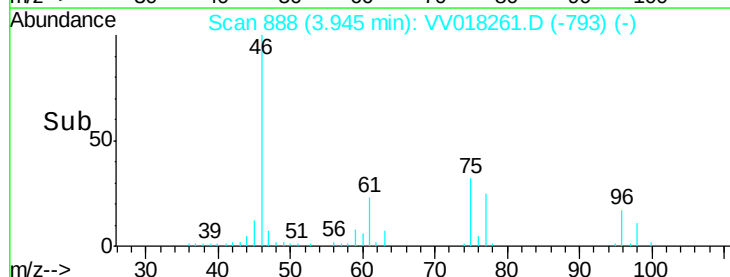
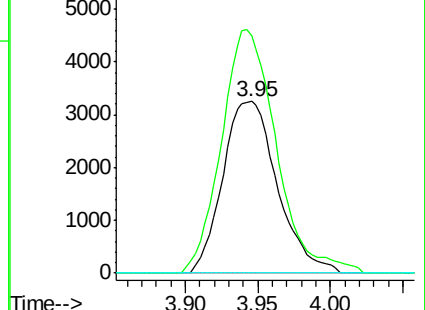
68 0.0 0.0 0.0

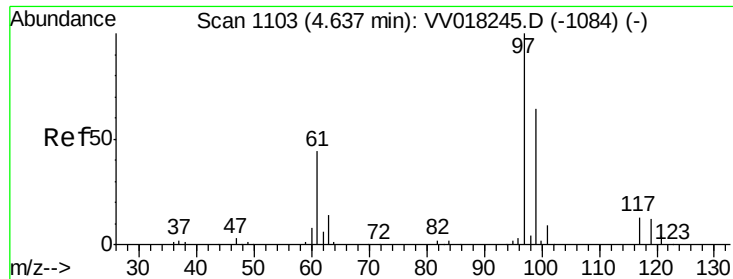


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#30

1,1,1-Trichloroethane

Concen: 0.786 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

C0AC6

Tot Ion: 97 Resp: 2566

Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 29.2 34.9 52.3#

