

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018608.D
 Acq On : 01 Oct 2020 23:09
 Operator : SY/MD
 Sample : L4237-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC5

Quant Time: Oct 02 05:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284996	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280215	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88239	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.58%
7) Chloroethane-d5	1.58	69	82635	59.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.58%
11) 1,1-Dichloroethene-d2	2.12	63	145967	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	3.92	46	115871	92.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	4.38	84	172714	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.06	65	116507	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.08	84	337545	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.09	67	105640	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	303549	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%
43) trans-1,3-Dichloropropene-	7.64	79	50847	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.11	63	65906	80.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	128365	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	132732	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%

Target Compounds

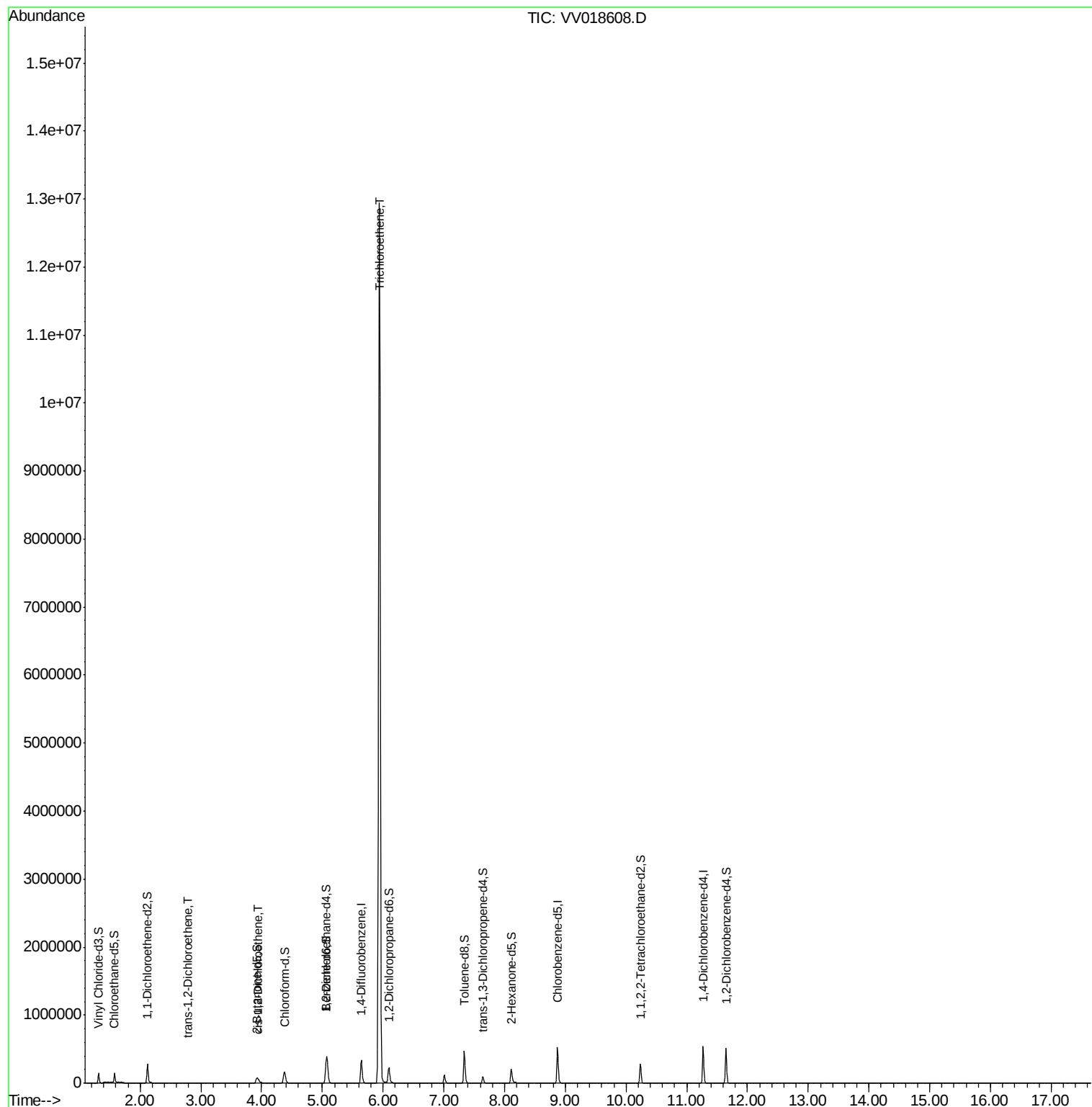
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	2376	1.167 ug/L	86
20) cis-1,2-Dichloroethene	3.95	96	11750	5.431 ug/L	92
34) Trichloroethene	5.94	95	4355412	1822.362 ug/L	97

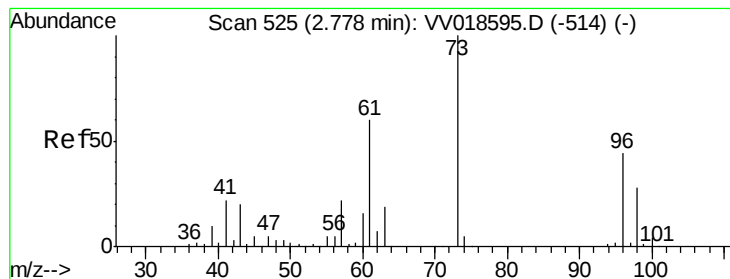
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.167 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018608.D

Acq: 01 Oct 2020 23:09

Instrument :

MSVOA_V

ClientSampled :

E0AC5

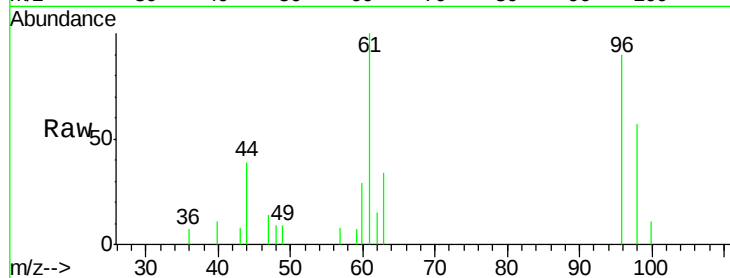
Tot Ion: 96 Resp: 2376

Ion Ratio Lower Upper

96 100

61 111.6 95.0 176.4

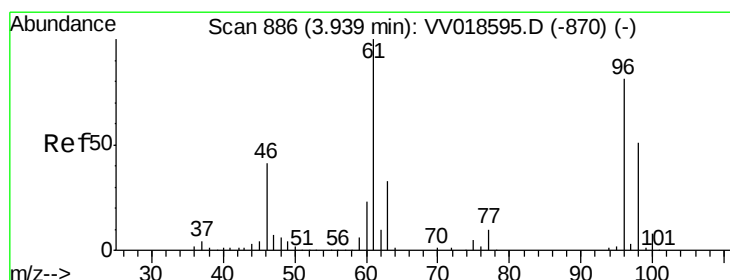
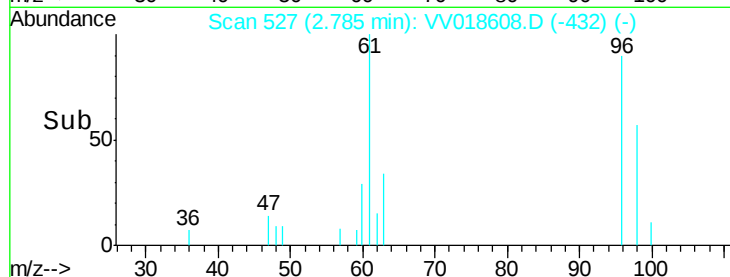
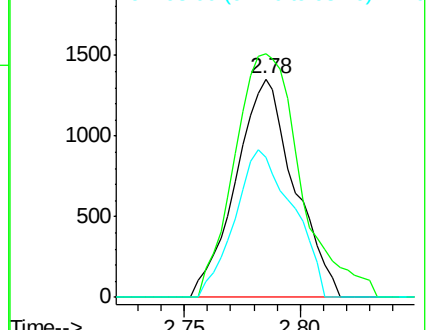
98 64.1 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 5.431 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018608.D

Acq: 01 Oct 2020 23:09

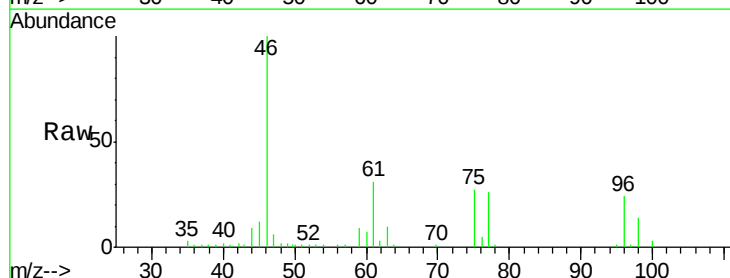
Tgt Ion: 96 Resp: 11750

Ion Ratio Lower Upper

96 100

61 133.5 86.8 161.2

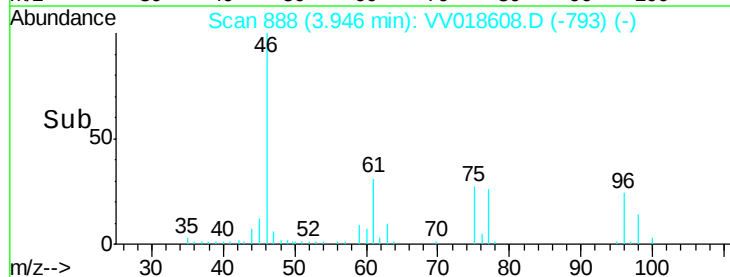
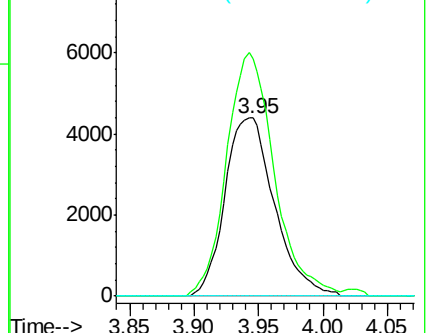
68 0.0 0.0 0.0

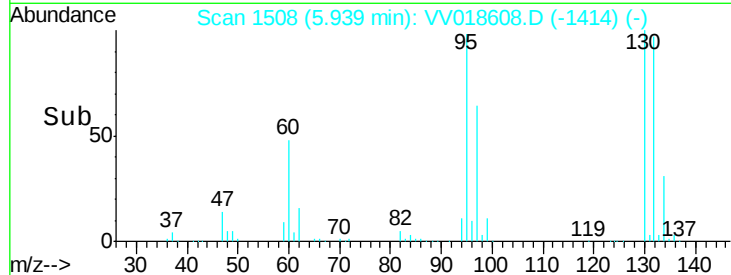
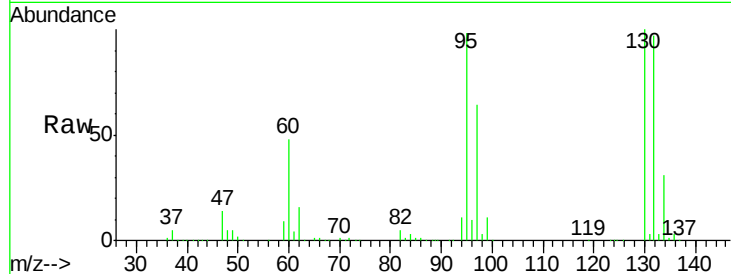
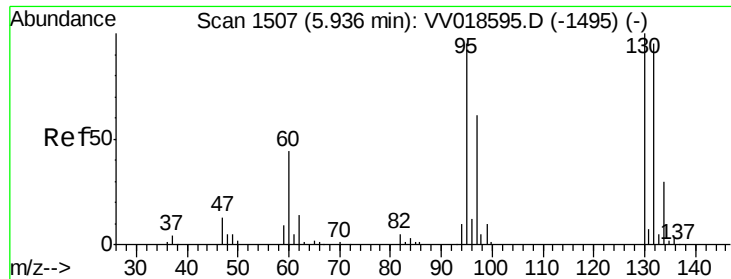


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 1822.362 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

E0AC5

Tot Ion: 95 Resp: 4355412

Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 98.6 70.8 131.4

130 101.6 75.3 139.8

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

