

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018133.D
 Acq On : 28 Aug 2020 13:10
 Operator : SY/MD
 Sample : L3800-20 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

Quant Time: Aug 29 01:21:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89746	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.58	69	81211	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.38%
11) 1,1-Dichloroethene-d2	2.12	63	140390	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	3.90	46	125051	89.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.81%
24) Chloroform-d	4.37	84	177206	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
26) 1,2-Dichloroethane-d4	5.05	65	119072	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.07	84	354101	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.09	67	116712	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.33	98	307209	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.64	79	53277	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
47) 2-Hexanone-d5	8.11	63	66024	83.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.99%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	142273	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	133296	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

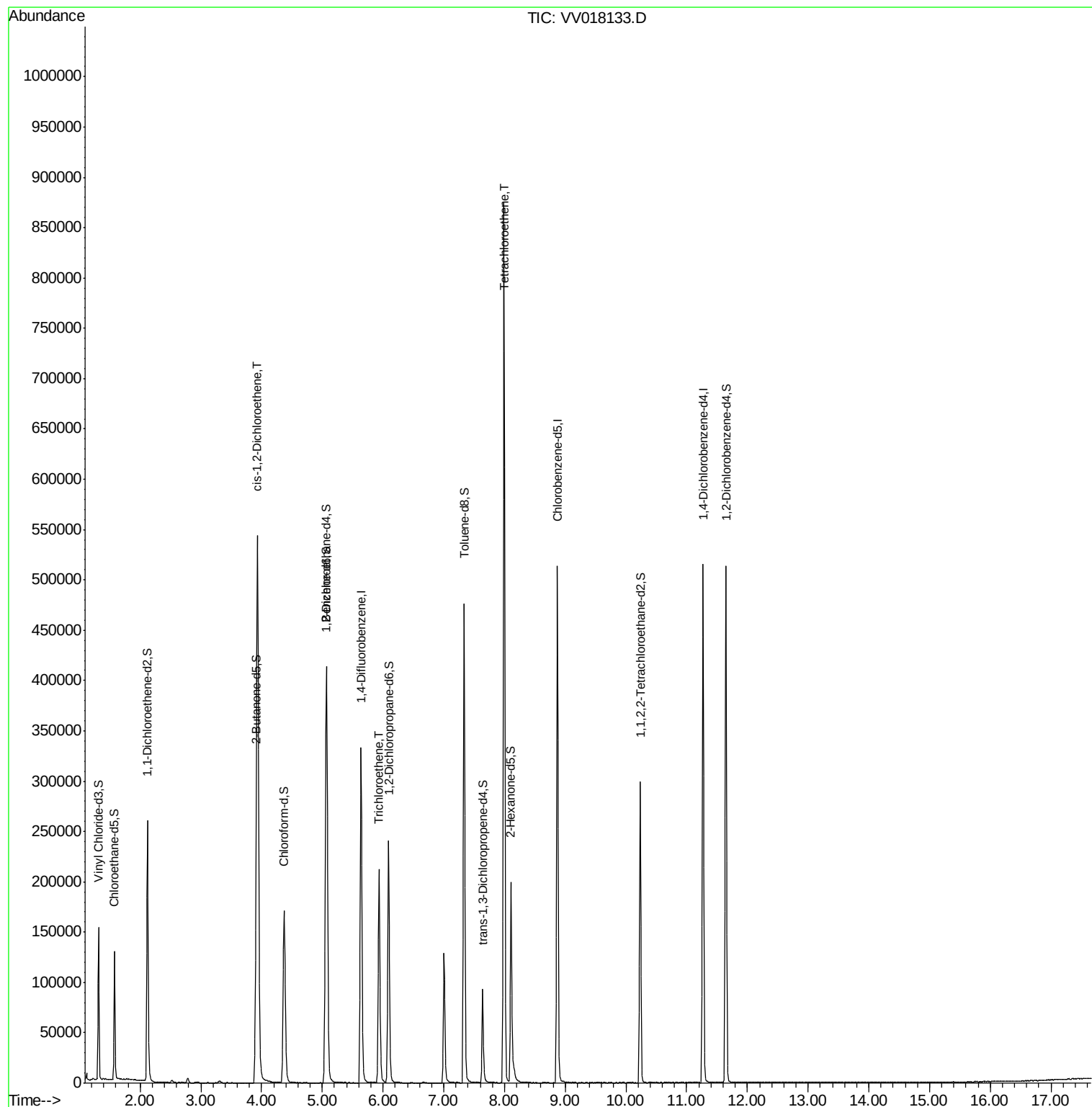
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.93	96	287852	136.341 ug/L	98
34) Trichloroethene	5.94	95	72960	32.813 ug/L	99
46) Tetrachloroethene	7.99	164	198152	121.513 ug/L	98

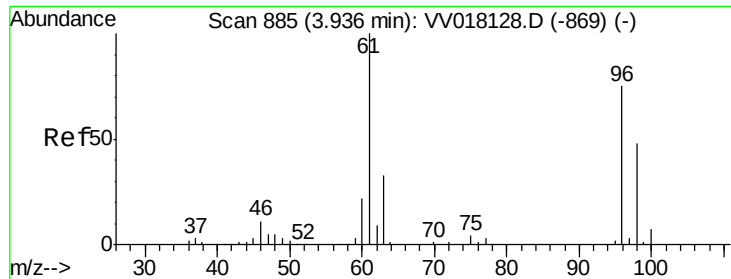
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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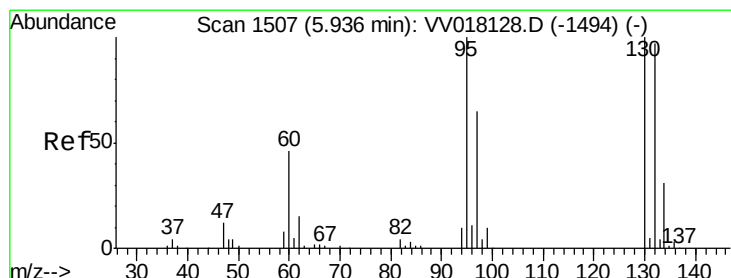
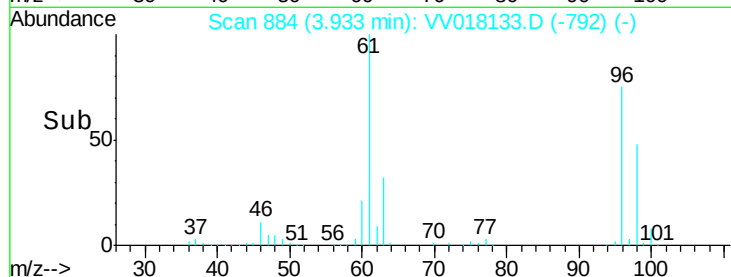
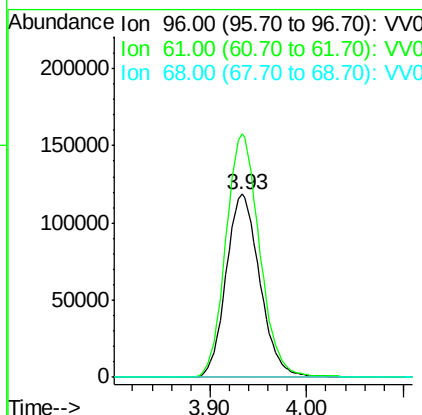
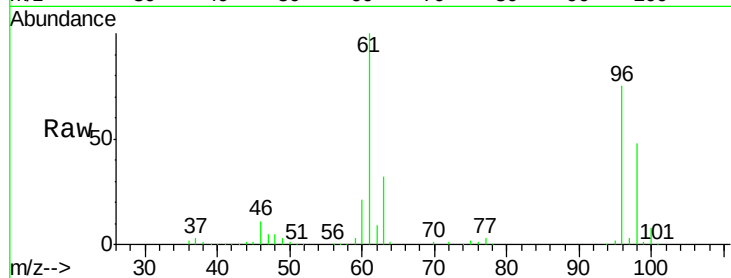




#20
 cis-1,2-Dichloroethene
 Concen: 136.341 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV018133.D
 Acq: 28 Aug 2020 13:10

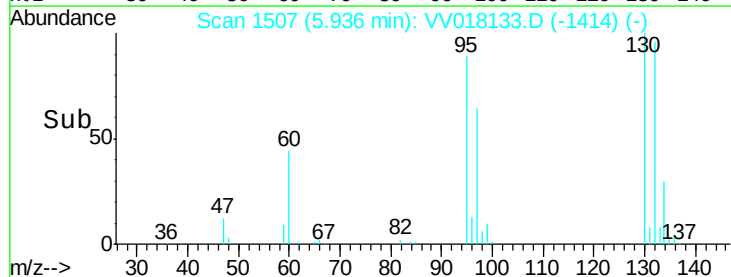
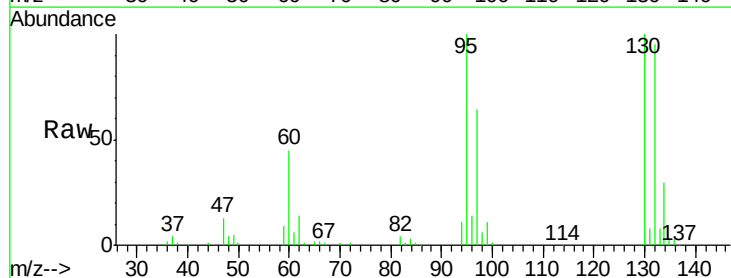
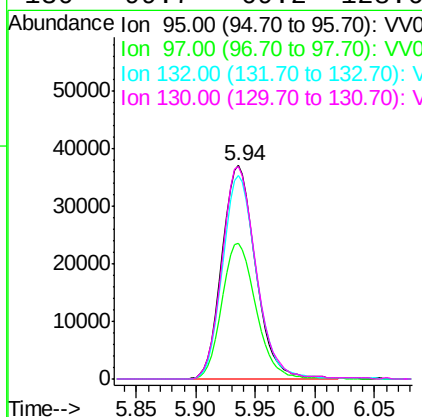
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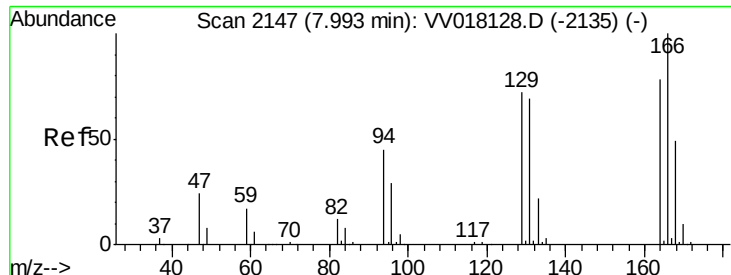
Tot Ion: 96 Resp: 287852
 Ion Ratio Lower Upper
 96 100
 61 133.0 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 32.813 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018133.D
 Acq: 28 Aug 2020 13:10

Tgt Ion: 95 Resp: 72960
 Ion Ratio Lower Upper
 95 100
 97 63.7 46.0 85.4
 132 95.3 65.8 122.2
 130 99.7 69.2 128.6





#46

Tetrachloroethene

Concen: 121.513 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV018133.D

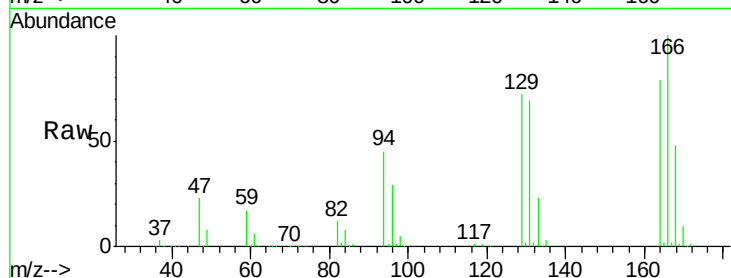
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Tot Ion:164 Resp: 198152

Ion Ratio Lower Upper

164 100

129 91.8 64.8 120.3

131 87.4 64.5 119.9

166 127.0 88.9 165.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

