

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018853.D
 Acq On : 12 Oct 2020 13:46
 Operator : SY/MD
 Sample : L4351-02DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2DL

Quant Time: Oct 13 01:38:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142762	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.58%
7) Chloroethane-d5	1.58	69	111047	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.12	63	203438	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.90	46	170472	87.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.10%
24) Chloroform-d	4.38	84	227584	40.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.94%
26) 1,2-Dichloroethane-d4	5.05	65	164031	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
32) Benzene-d6	5.07	84	480031	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
36) 1,2-Dichloropropane-d6	6.09	67	159850	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.34	98	437191	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.64	79	74468	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.11	63	104507	82.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148699	35.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	159842	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

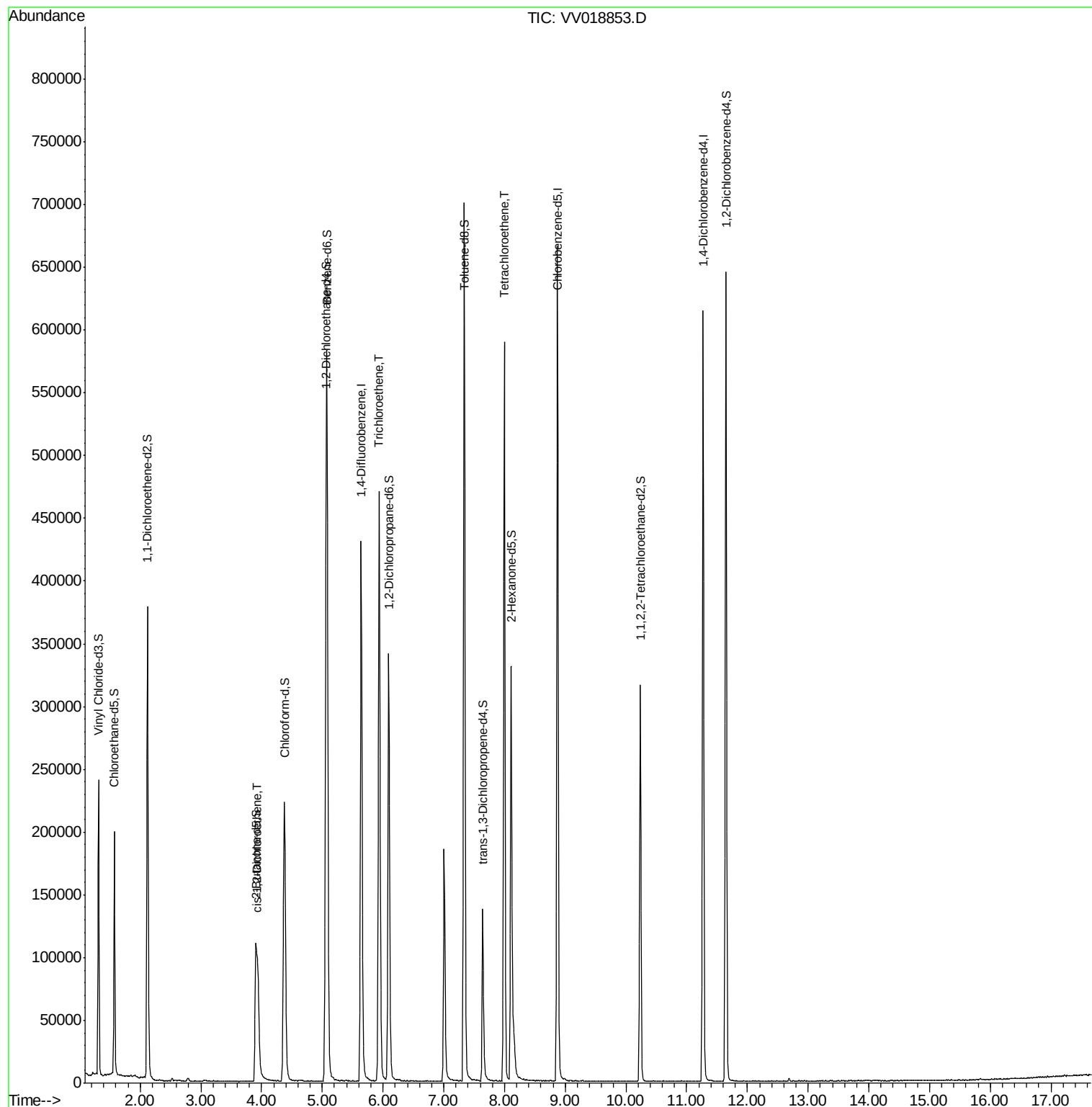
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	33463	12.354 ug/L	98
34) Trichloroethene	5.94	95	155137	49.448 ug/L	98
46) Tetrachloroethene	8.00	164	126460	54.999 ug/L	99

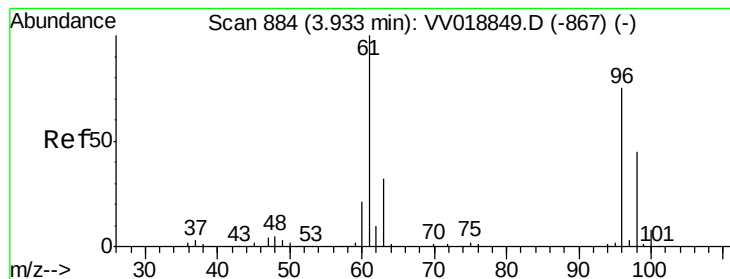
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 12.354 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018853.D

Acq: 12 Oct 2020 13:46

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ClientSampleId :

C0AG2DL

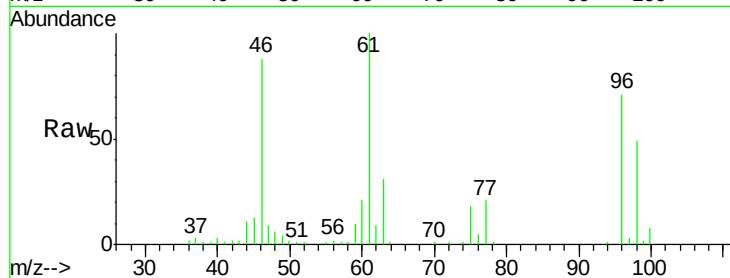
Tot Ion: 96 Resp: 33463

Ion Ratio Lower Upper

96 100

61 141.1 97.3 180.7

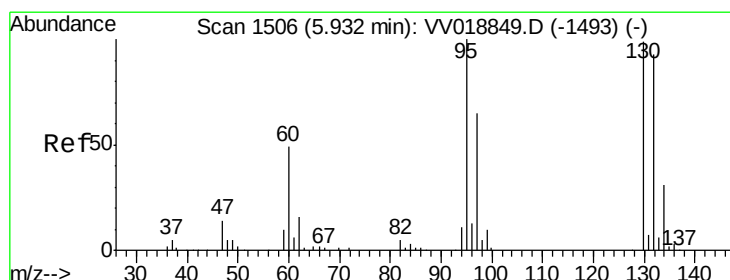
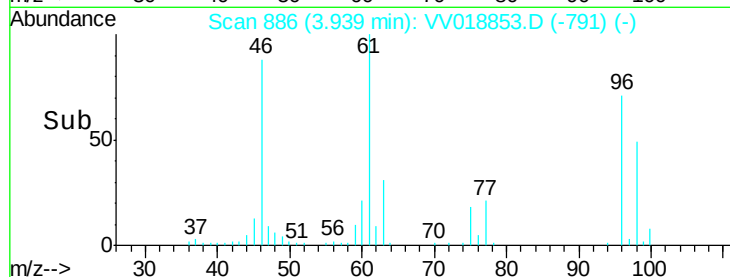
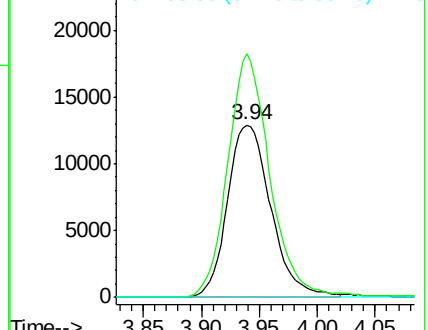
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018849.D (-867) (-)

Ion 61.00 (60.70 to 61.70): VV018849.D (-867) (-)

Ion 68.00 (67.70 to 68.70): VV018849.D (-867) (-)



#34

Trichloroethene

Concen: 49.448 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018853.D

Acq: 12 Oct 2020 13:46

Tgt Ion: 95 Resp: 155137

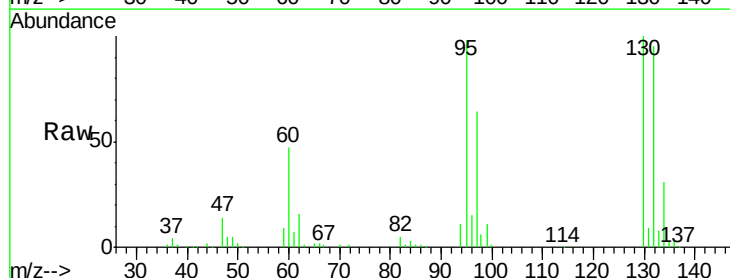
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.9

132 96.0 66.2 123.0

130 101.6 69.1 128.3

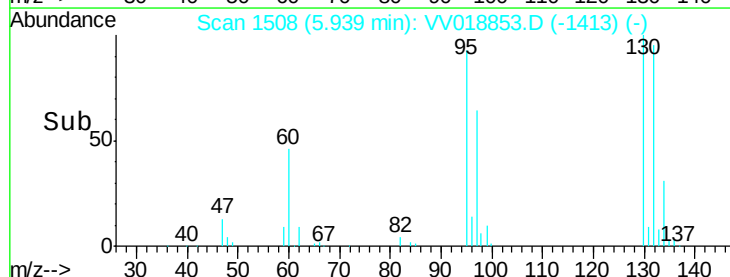
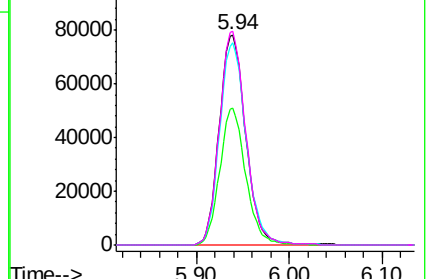


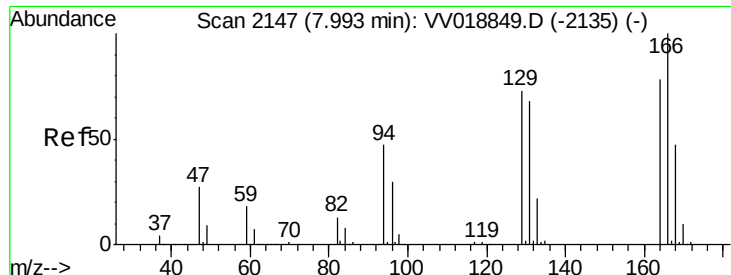
Abundance Ion 95.00 (94.70 to 95.70): VV018849.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018849.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018849.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018849.D (-1493) (-)





#46

Tetrachloroethene

Concen: 54.999 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018853.D

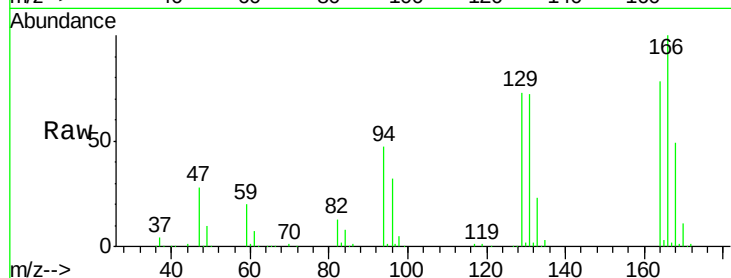
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MSVOA_V

ClientSampleId :

C0AG2DL



Tot Ion:164 Resp: 126460

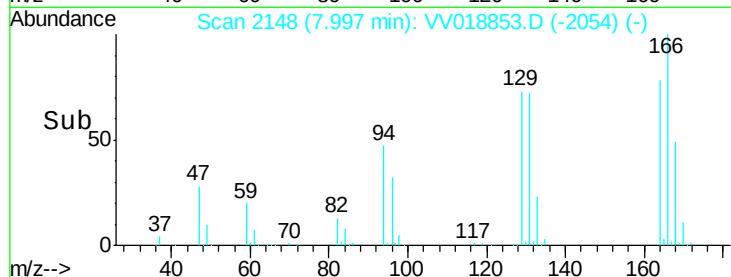
Ion Ratio Lower Upper

164 100

129 92.8 64.6 120.0

131 91.9 63.6 118.0

166 127.4 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): V

150000 Ion 129.00 (128.70 to 129.70): V

100000 Ion 131.00 (130.70 to 131.70): V

50000 Ion 166.00 (165.70 to 166.70): V

Time-->

