

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018861.D
 Acq On : 12 Oct 2020 17:05
 Operator : SY/MD
 Sample : L4287-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3DL

Quant Time: Oct 13 02:39:35 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	321453	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136499	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.46%
7) Chloroethane-d5	1.58	69	106536	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	196100	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	3.90	46	182964	102.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	4.38	84	233271	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.06	65	156648	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.07	84	438010	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
36) 1,2-Dichloropropane-d6	6.09	67	143705	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.34	98	417525	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
43) trans-1,3-Dichloropropene-	7.64	79	71122	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.11	63	106205	92.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150851	39.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	154622	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

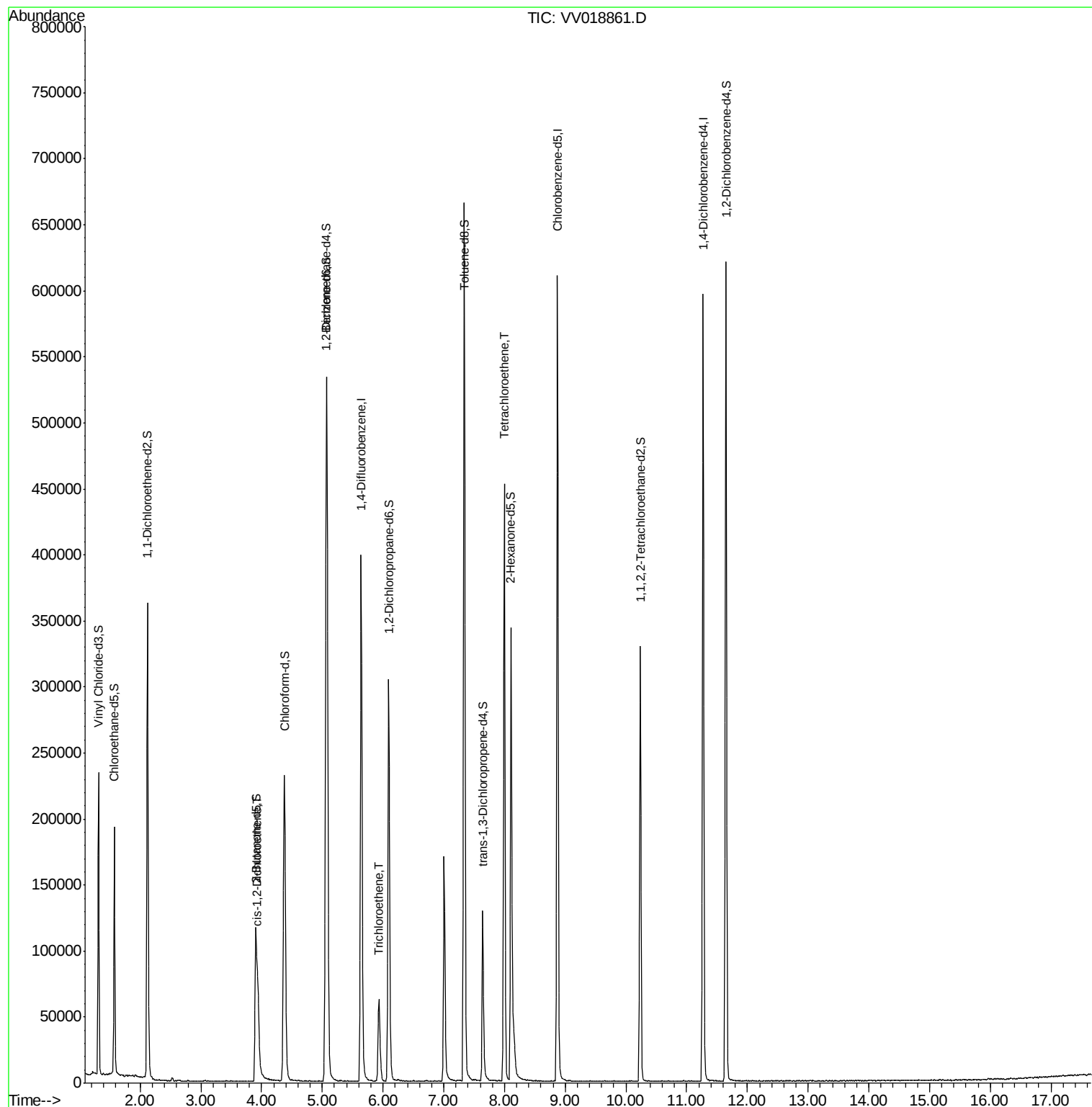
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	23741	9.566 ug/L	94
34) Trichloroethene	5.94	95	12145	4.246 ug/L	97
46) Tetrachloroethene	8.00	164	98122	46.808 ug/L	98

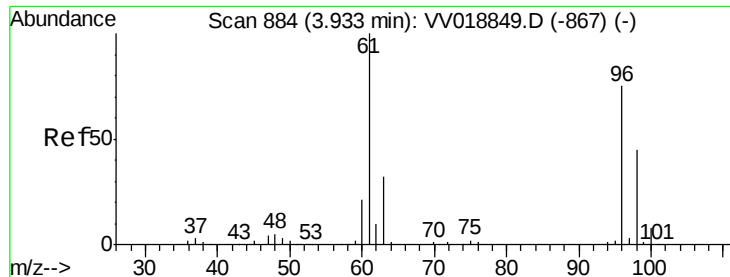
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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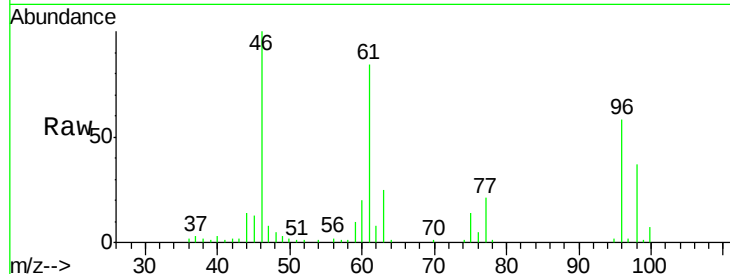




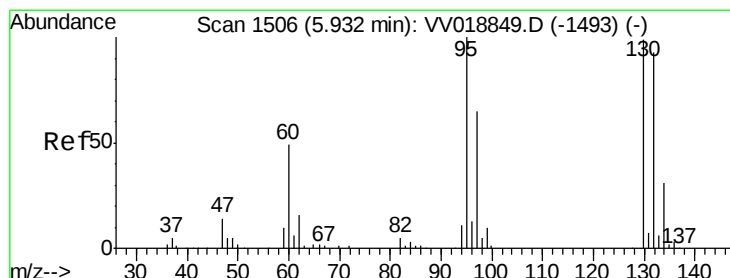
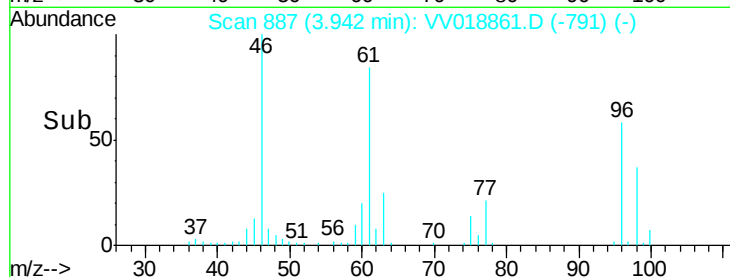
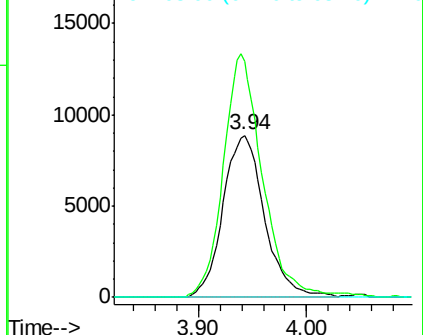
#20
 cis-1,2-Dichloroethene
 Concen: 9.566 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018861.D
 Acq: 12 Oct 2020 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3DL

Tot Ion: 96 Resp: 23741
 Ion Ratio Lower Upper
 96 100
 61 145.8 97.3 180.7
 68 0.0 0.0 0.0

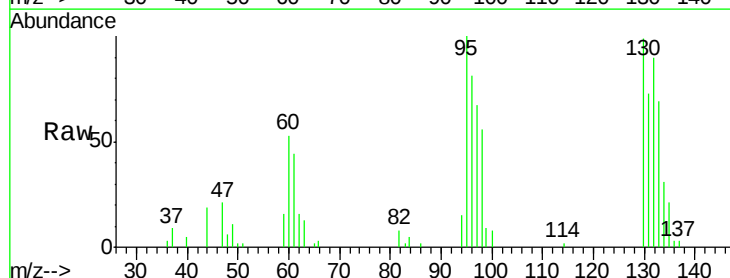


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

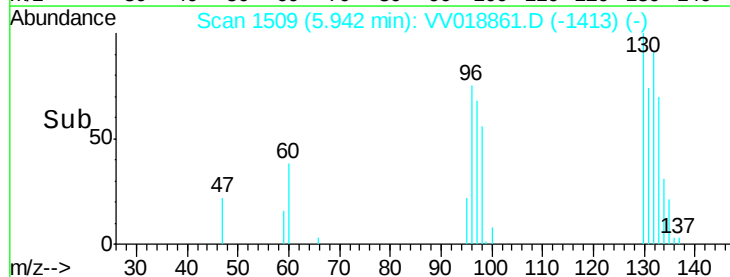
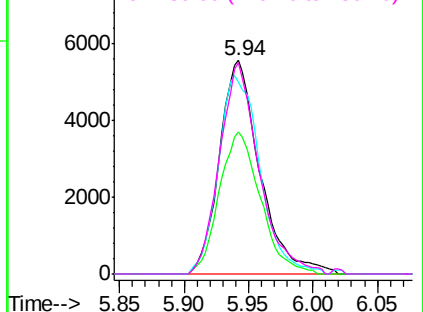


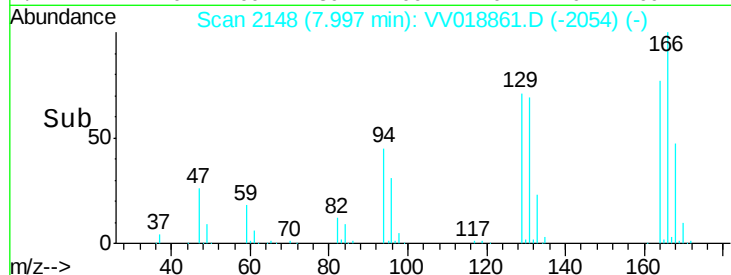
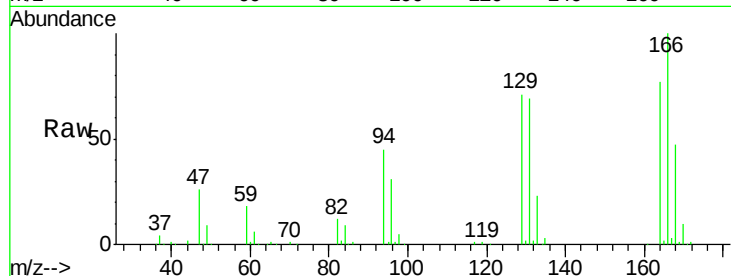
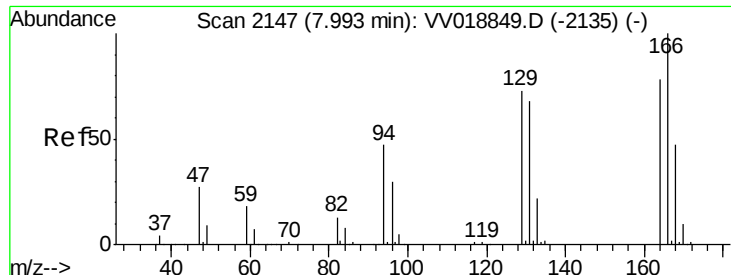
#34
 Trichloroethene
 Concen: 4.246 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018861.D
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Tgt Ion: 95 Resp: 12145
 Ion Ratio Lower Upper
 95 100
 97 66.8 45.1 83.9
 132 89.9 66.2 123.0
 130 98.7 69.1 128.3



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): VV0
 Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 46.808 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 98122

Ion Ratio Lower Upper

164 100

129 92.3 64.6 120.0

131 88.8 63.6 118.0

166 129.3 88.3 164.1

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

