

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018969.D
 Acq On : 19 Oct 2020 14:48
 Operator : SY/MD
 Sample : L4426-14DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z6DL

Quant Time: Oct 20 02:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331120	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105326	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.58	69	95565	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.12	63	167770	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.91	46	173050	91.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.09%
24) Chloroform-d	4.37	84	209883	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.05	65	147300	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.07	84	410865	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.09	67	138576	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.34	98	334498	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.64	79	59154	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
47) 2-Hexanone-d5	8.11	63	85230	78.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127706	37.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	140281	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%

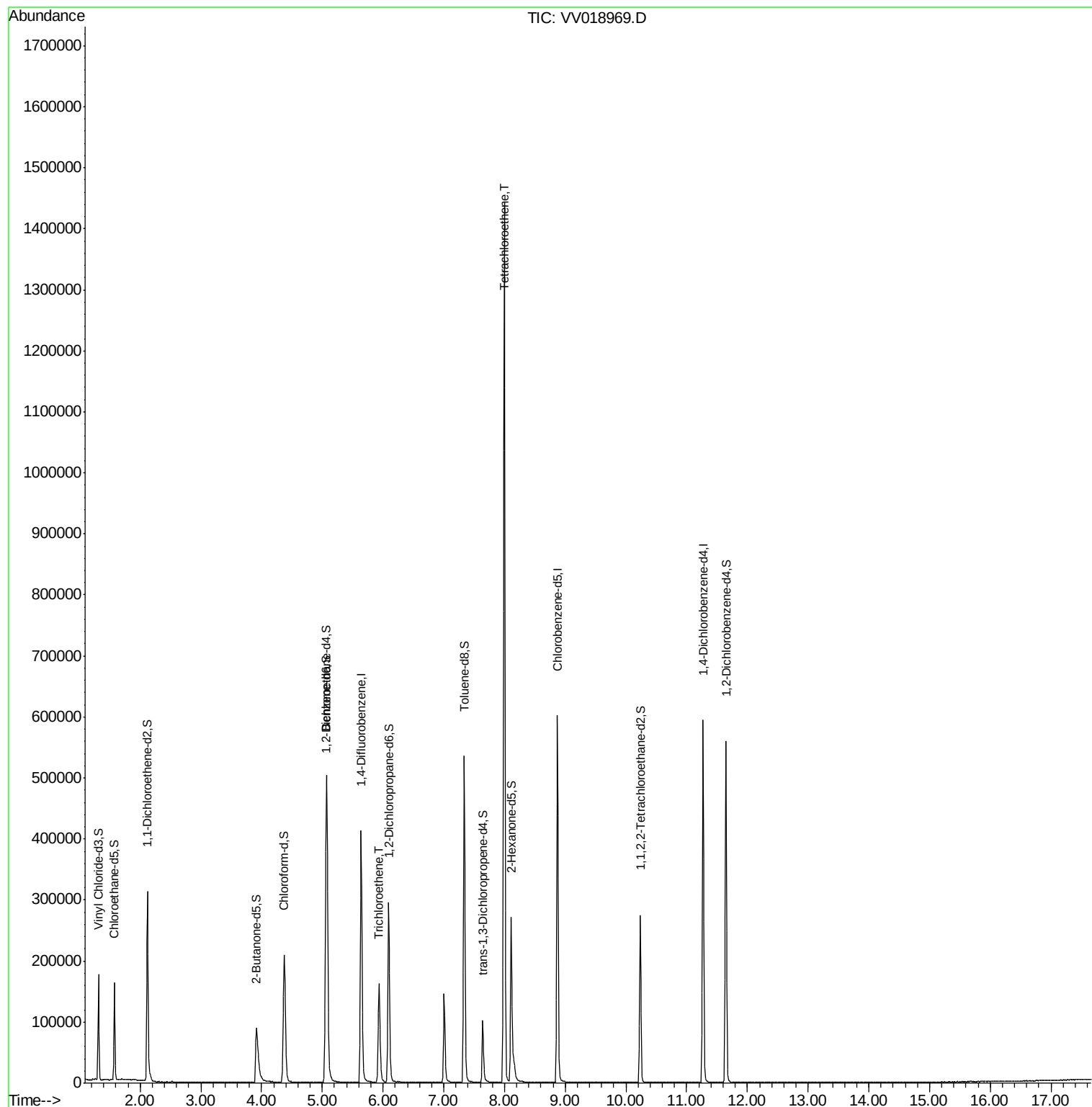
Target Compounds					Ovalue
34) Trichloroethene	5.94	95	46563	16.881 ug/L	98
46) Tetrachloroethene	8.00	164	314426	161.746 ug/L	97

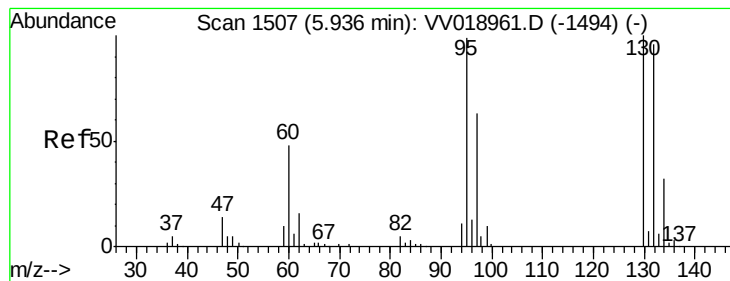
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 16.881 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BG3Z6DL

Tot Ion: 95 Resp: 46563

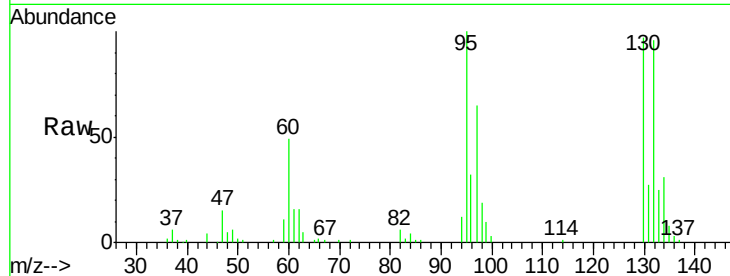
Ion Ratio Lower Upper

95 100

97 65.5 44.7 82.9

132 96.1 67.0 124.4

130 97.3 70.8 131.6

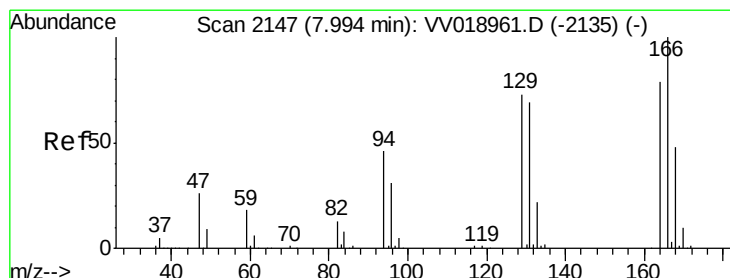
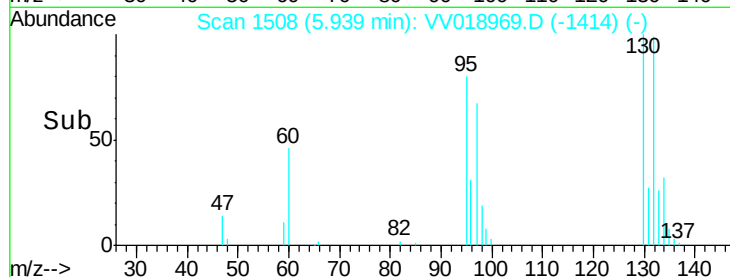
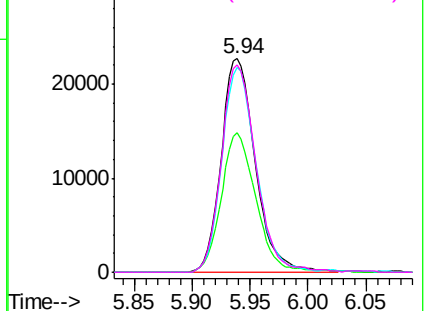


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 161.746 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 314426

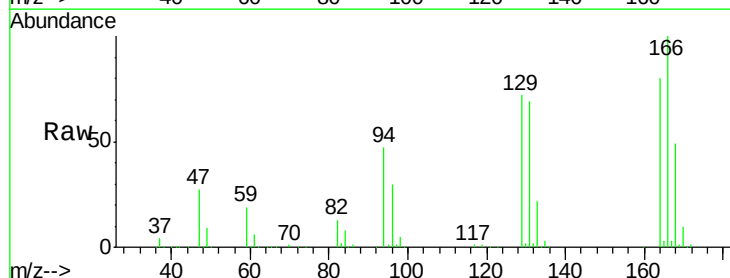
Ion Ratio Lower Upper

164 100

129 90.4 65.0 120.8

131 86.5 62.9 116.7

166 125.6 91.1 169.3



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

