

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017008.D
 Acq On : 19 Jun 2020 18:35
 Operator : SY/MD
 Sample : L3074-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M14

Quant Time: Jun 20 04:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105013	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.58%
7) Chloroethane-d5	1.58	69	64031	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.04%
11) 1,1-Dichloroethene-d2	2.12	63	153905	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
21) 2-Butanone-d5	3.91	46	157900	92.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	4.38	84	225247	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.06	65	160918	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.08	84	441008	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.09	67	134219	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.34	98	401355	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	7.64	79	64482	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.11	63	93873	78.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160363	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	162056	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

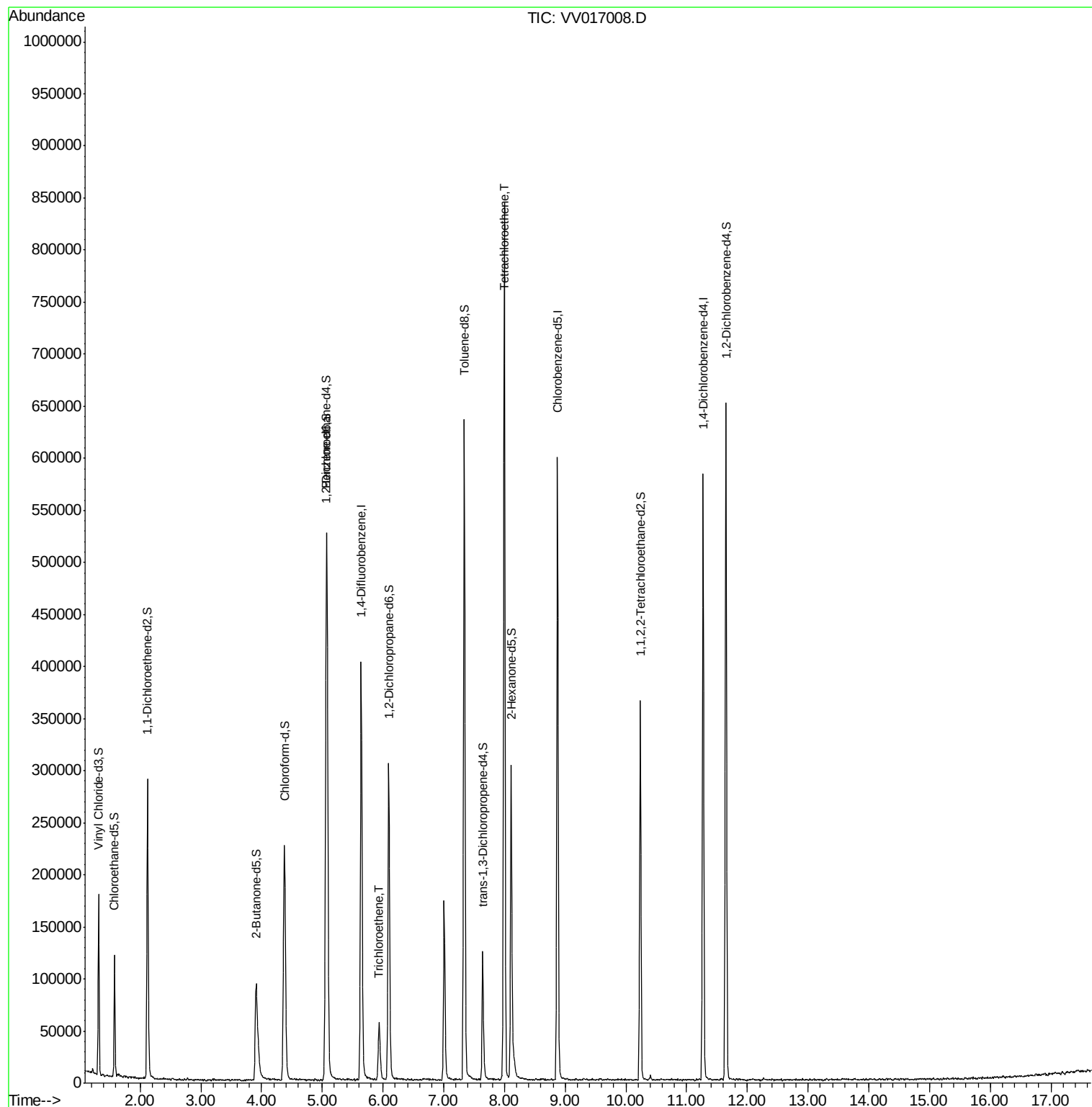
Target Compounds					Ovalue
34) Trichloroethene	5.94	95	13292	5.462 ug/L	95
46) Tetrachloroethene	8.00	164	181674	94.928 ug/L	98

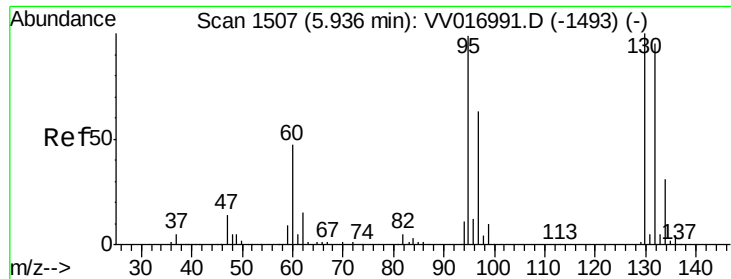
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 5.462 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

F9M14

Tot Ion: 95 Resp: 13292

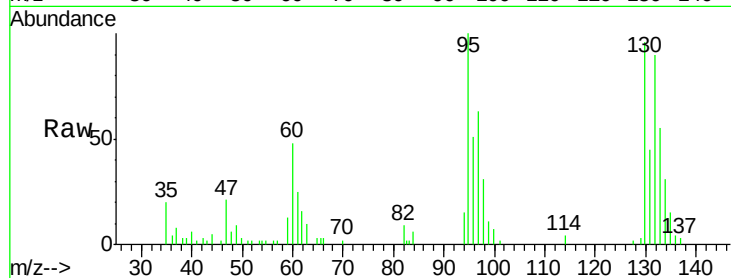
Ion Ratio Lower Upper

95 100

97 63.2 44.3 82.3

132 90.3 67.9 126.1

130 95.7 72.2 134.2

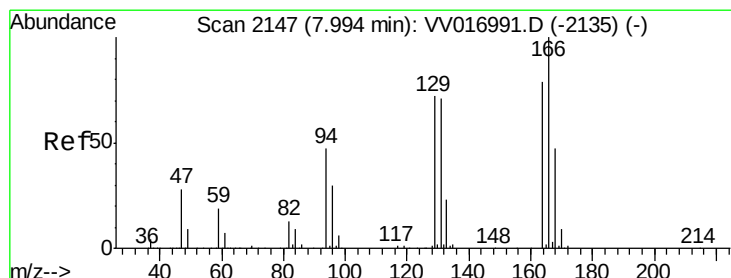
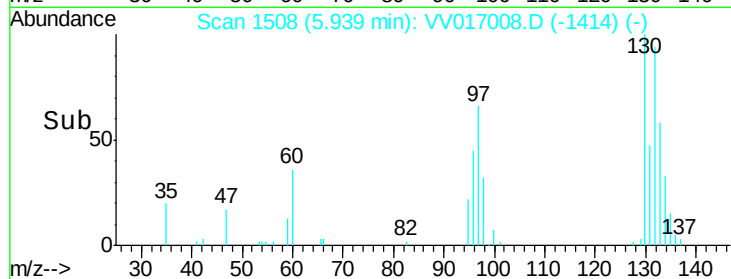
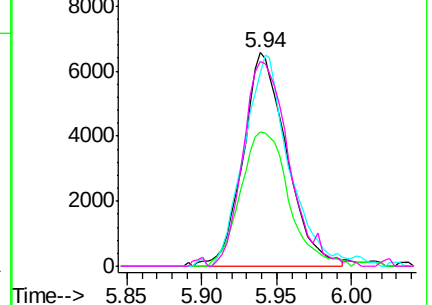


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 94.928 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 181674

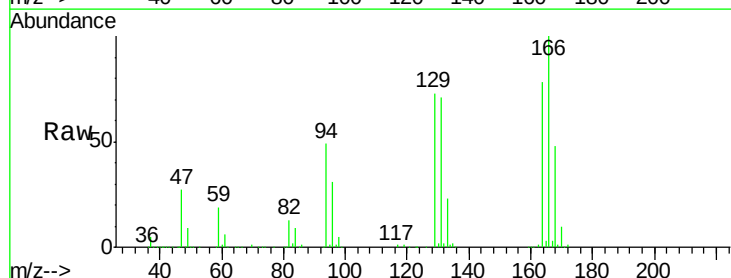
Ion Ratio Lower Upper

164 100

129 92.8 67.0 124.4

131 91.0 64.8 120.3

166 127.9 90.4 167.8



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

