

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017154.D
 Acq On : 26 Jun 2020 02:47
 Operator : SY/MD
 Sample : L3068-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F17

Quant Time: Jun 26 06:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158846	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51297	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	39332	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	73034	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.93	46	115430	46.87	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	4.38	84	106258	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	57675	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	197894	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.10	67	56537	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	172591	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.64	79	21307	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
48) 2-Hexanone-d5	8.11	63	85583	43.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40605	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	68657	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

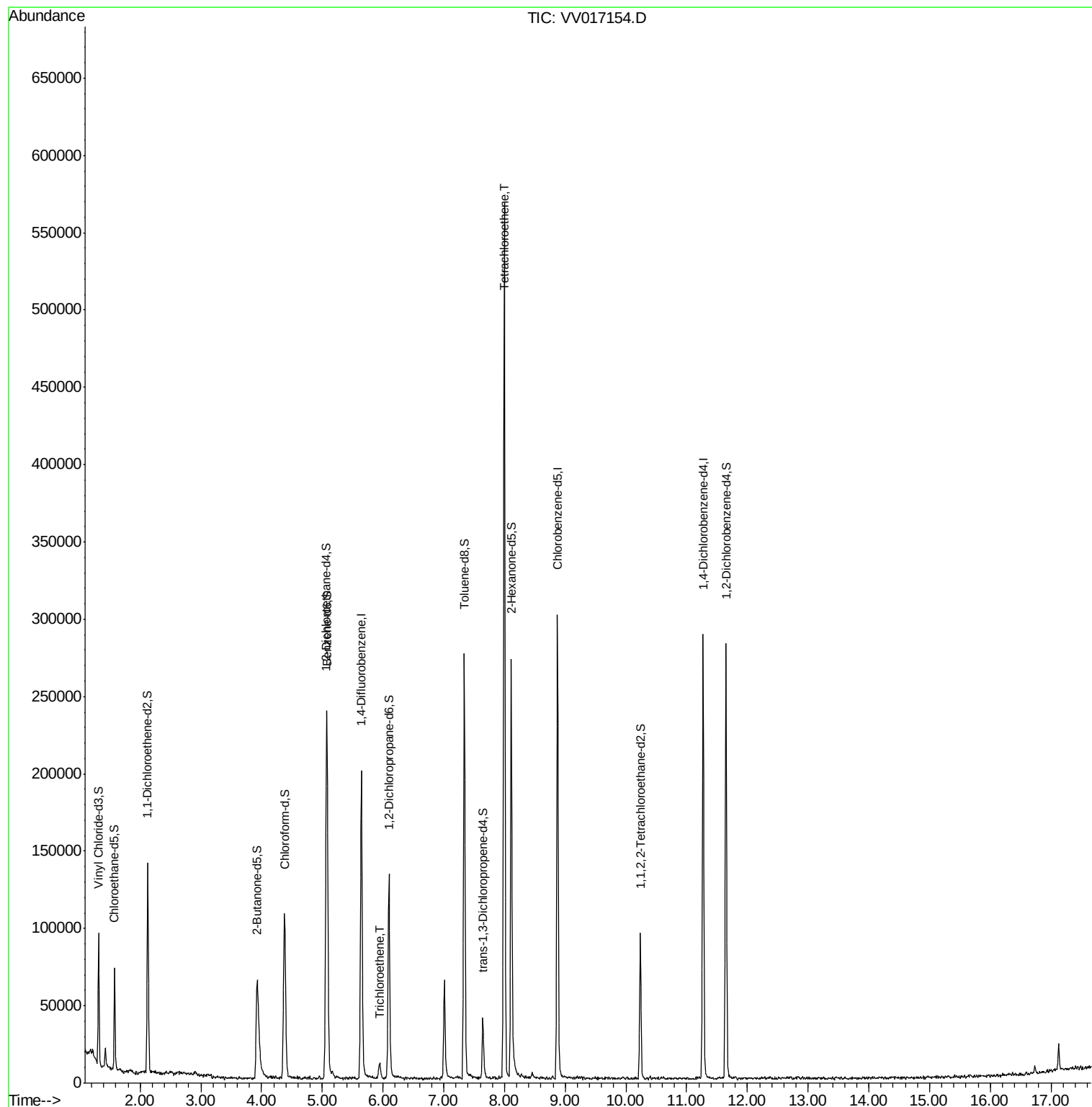
Target Compounds					Ovalue
34) Trichloroethene	5.95	95	3045	0.250 ug/L	86
49) Tetrachloroethene	8.00	164	120880	12.329 ug/L	99

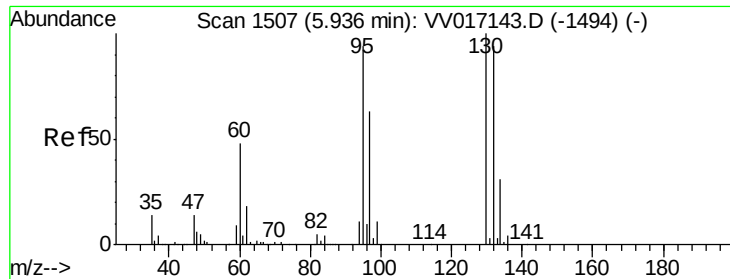
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.250 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F9F17

Tot Ion: 95 Resp: 3045

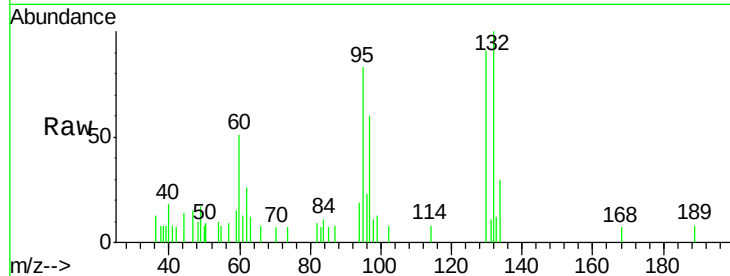
Ion Ratio Lower Upper

95 100

97 72.0 45.3 84.1

132 119.8 68.8 127.8

130 109.5 70.2 130.4

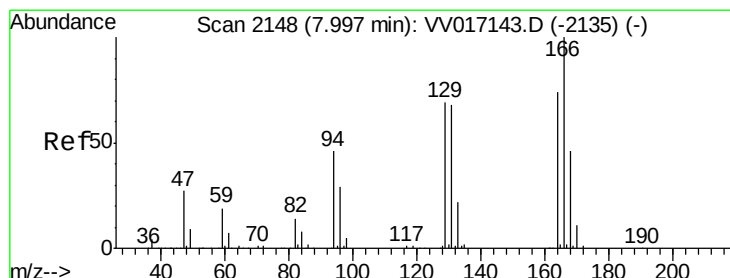
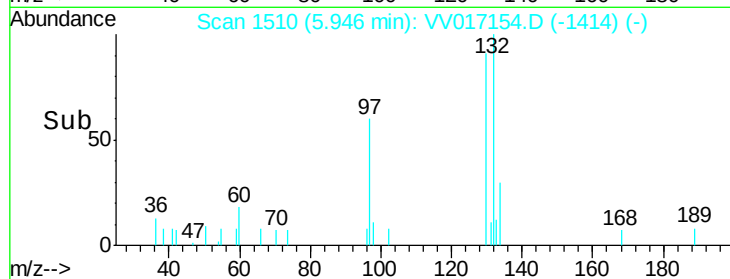
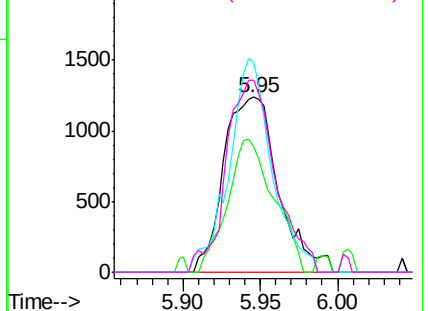


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 12.329 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 120880

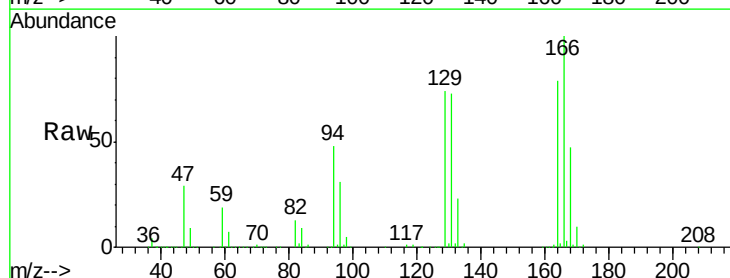
Ion Ratio Lower Upper

164 100

129 94.1 65.2 121.0

131 92.2 64.1 119.1

166 126.8 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

