

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018500.D
 Acq On : 28 Sep 2020 17:58
 Operator : SY/MD
 Sample : L4117-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB3

Quant Time: Sep 29 03:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	336593	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95969	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.98%
7) Chloroethane-d5	1.58	69	86735	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.28%
11) 1,1-Dichloroethene-d2	2.12	63	140767	27.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.96%#
21) 2-Butanone-d5	3.91	46	157386	93.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	4.38	84	197685	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.06	65	130148	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
32) Benzene-d6	5.07	84	401675	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.09	67	131230	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.34%
41) Toluene-d8	7.34	98	357609	41.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.92%
43) trans-1,3-Dichloropropene-	7.64	79	63956	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
47) 2-Hexanone-d5	8.11	63	97968	87.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168084	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	155274	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%

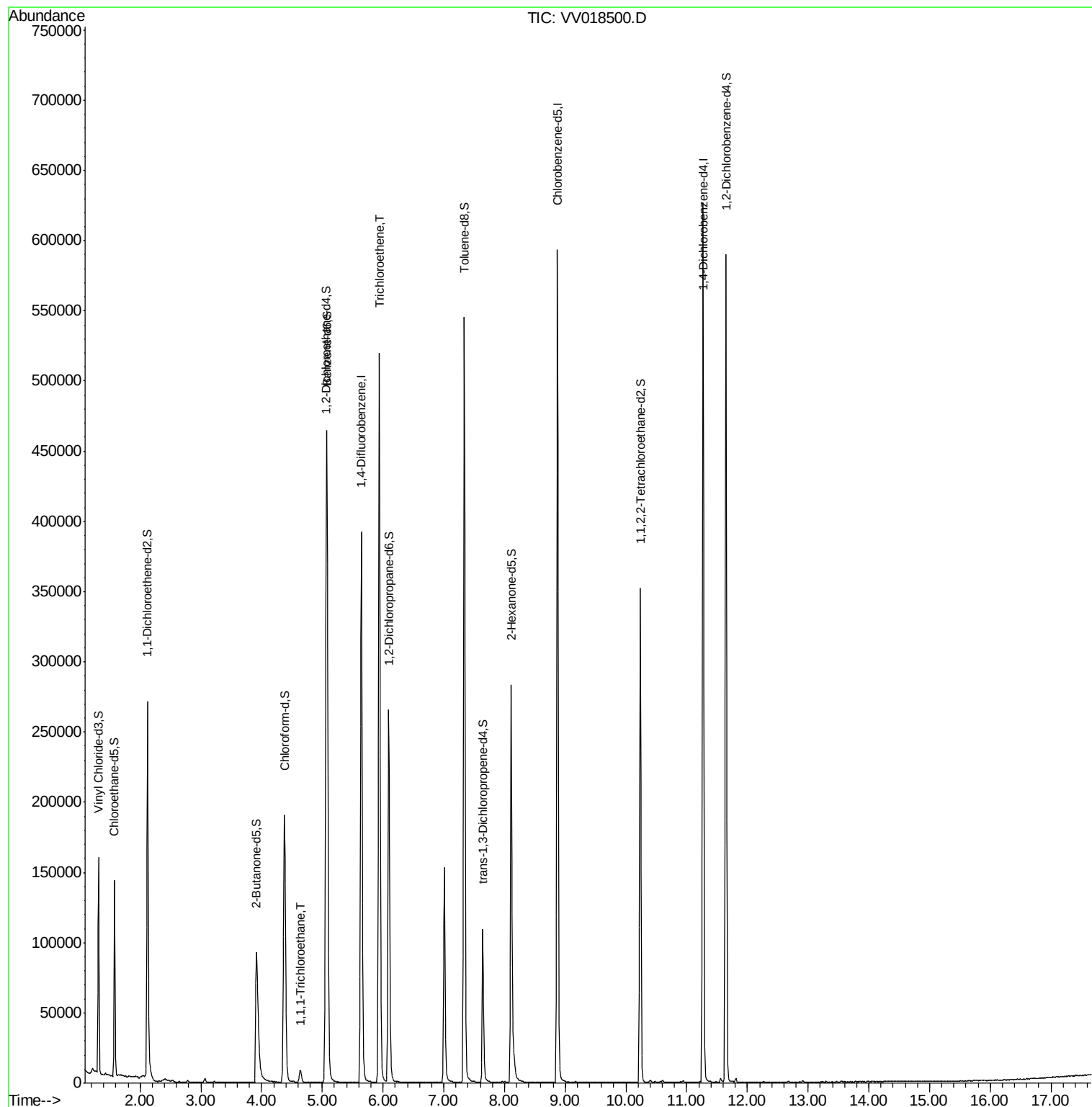
Target Compounds					Ovalue
30) 1,1,1-Trichloroethane	4.64	97	7788	2.054 ug/L	98
34) Trichloroethene	5.94	95	180144	70.811 ug/L	98

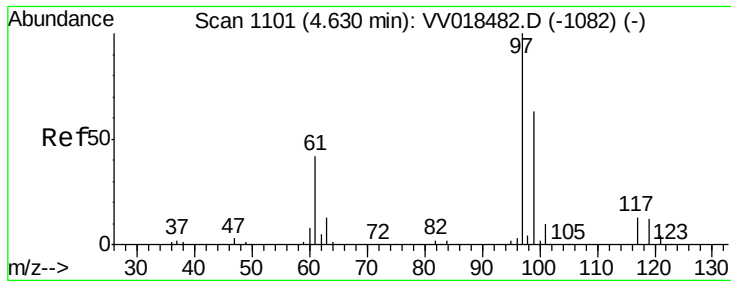
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

1,1,1-Trichloroethane

Concen: 2.054 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.01 min

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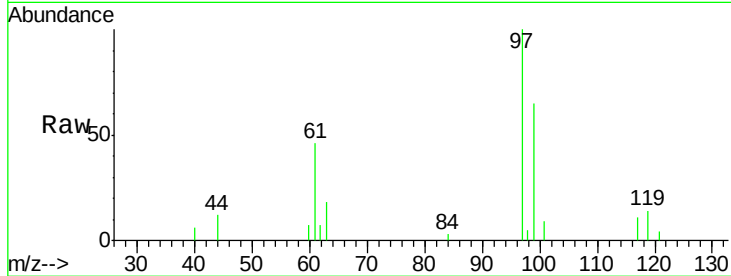
Tot Ion: 97 Resp: 7788

Ion Ratio Lower Upper

97 100

99 65.9 51.6 77.4

61 44.4 34.9 52.3

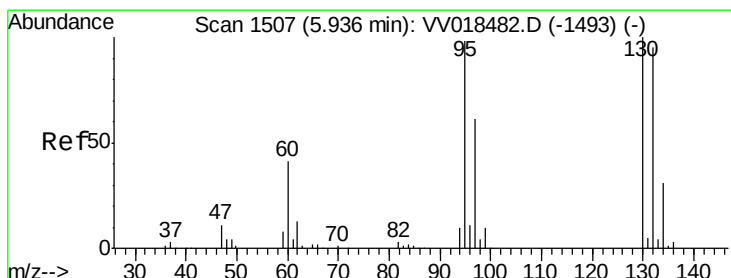
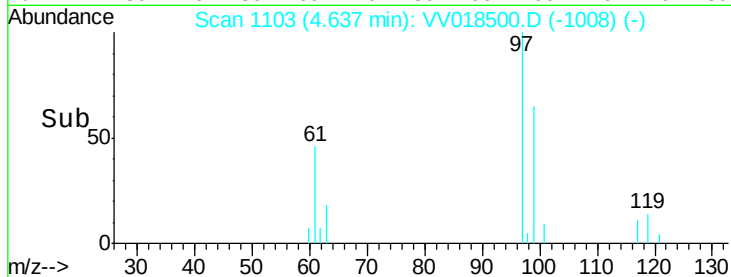
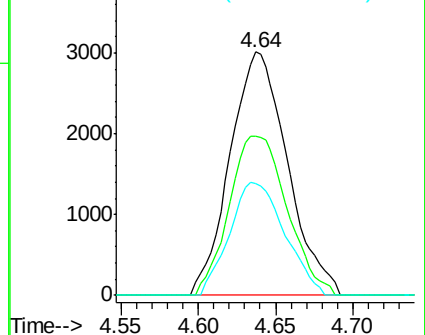


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 70.811 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 180144

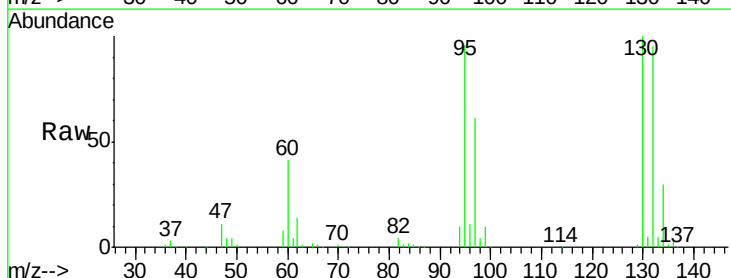
Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 98.8 68.1 126.5

130 104.3 71.5 132.9



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

