

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019897.D
 Acq On : 05 Jan 2021 15:17
 Operator : SY/MD
 Sample : M1017-03 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W4

Quant Time: Jan 06 07:59:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	554070	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	532923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	240060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186510	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.57	69	170363	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.98%
11) 1,1-Dichloroethene-d2	2.11	63	295757	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	3.89	46	328435	103.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.35%
24) Chloroform-d	4.35	84	385684	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.04	65	273893	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.05	84	752055	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.07	67	250850	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.32	98	655929	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.62	79	110674	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.09	63	181711	87.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.13%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	298940	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	243475	53.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.04%

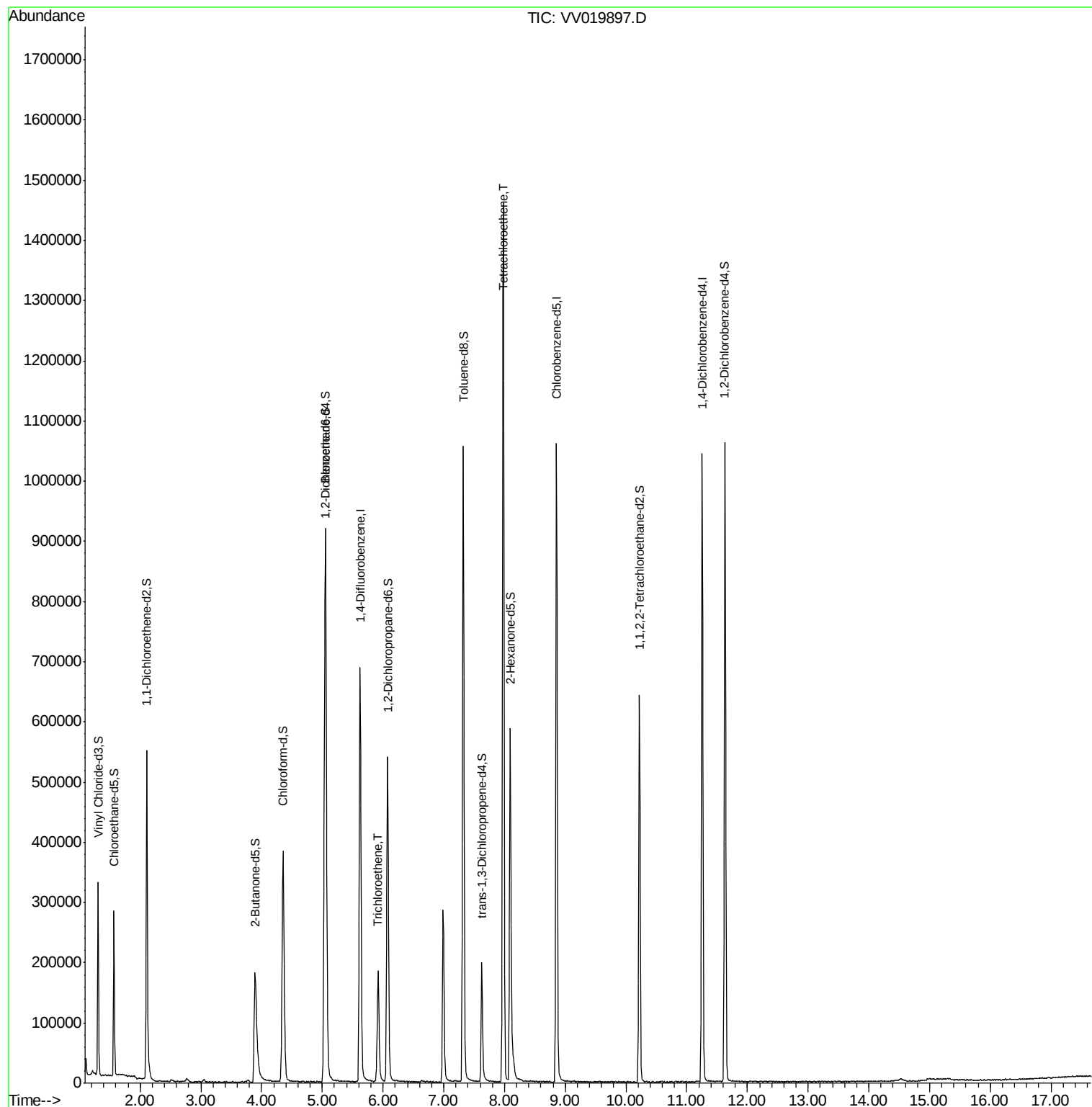
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	56549	12.717 ug/L	99
46) Tetrachloroethene	7.98	164	290375	97.781 ug/L	99

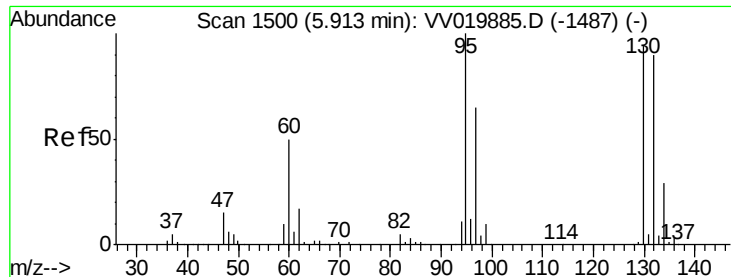
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 12.717 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019897.D

Acq: 05 Jan 2021 15:17

Instrument :

MSVOA_V

ClientSampled :

BG4W4

Tot Ion: 95 Resp: 56549

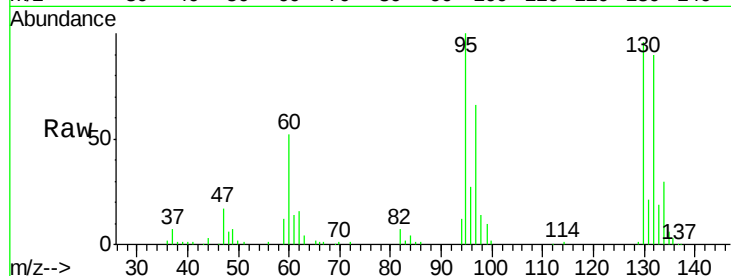
Ion Ratio Lower Upper

95 100

97 65.6 44.5 82.7

132 90.1 63.4 117.8

130 95.7 67.1 124.5

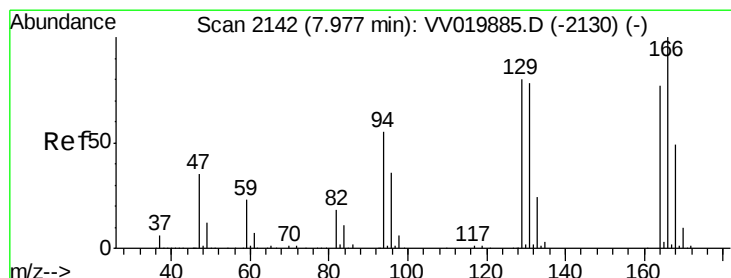
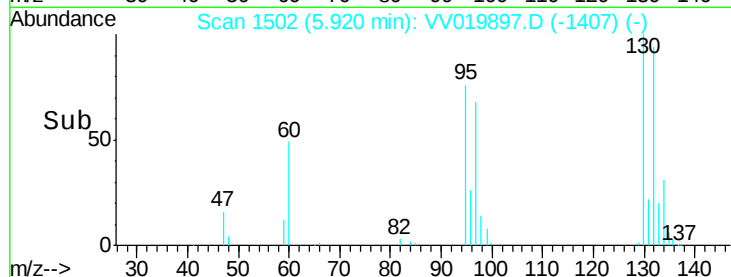
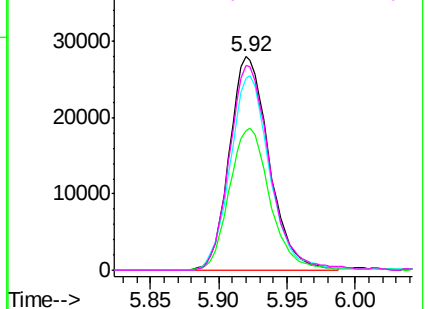


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 97.781 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 290375

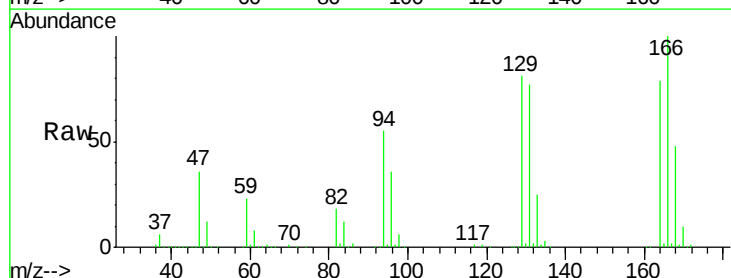
Ion Ratio Lower Upper

164 100

129 101.9 70.6 131.0

131 96.9 66.8 124.0

166 126.4 88.2 163.8



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

