

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019646.D
 Acq On : 15 Dec 2020 13:55
 Operator : SY/MD
 Sample : L5099-01 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M9

Quant Time: Dec 16 00:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	665238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	623595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	289264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	249342	52.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.54%
7) Chloroethane-d5	1.57	69	195377	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.11	63	341724	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
21) 2-Butanone-d5	3.89	46	312841	120.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.66%
24) Chloroform-d	4.35	84	409706	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.03	65	282627	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.05	84	831721	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.07	67	259209	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.32	98	737084	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	7.62	79	127645	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
47) 2-Hexanone-d5	8.09	63	219643	107.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.42%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	323935	45.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.94%
64) 1,2-Dichlorobenzene-d4	11.63	152	269272	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%

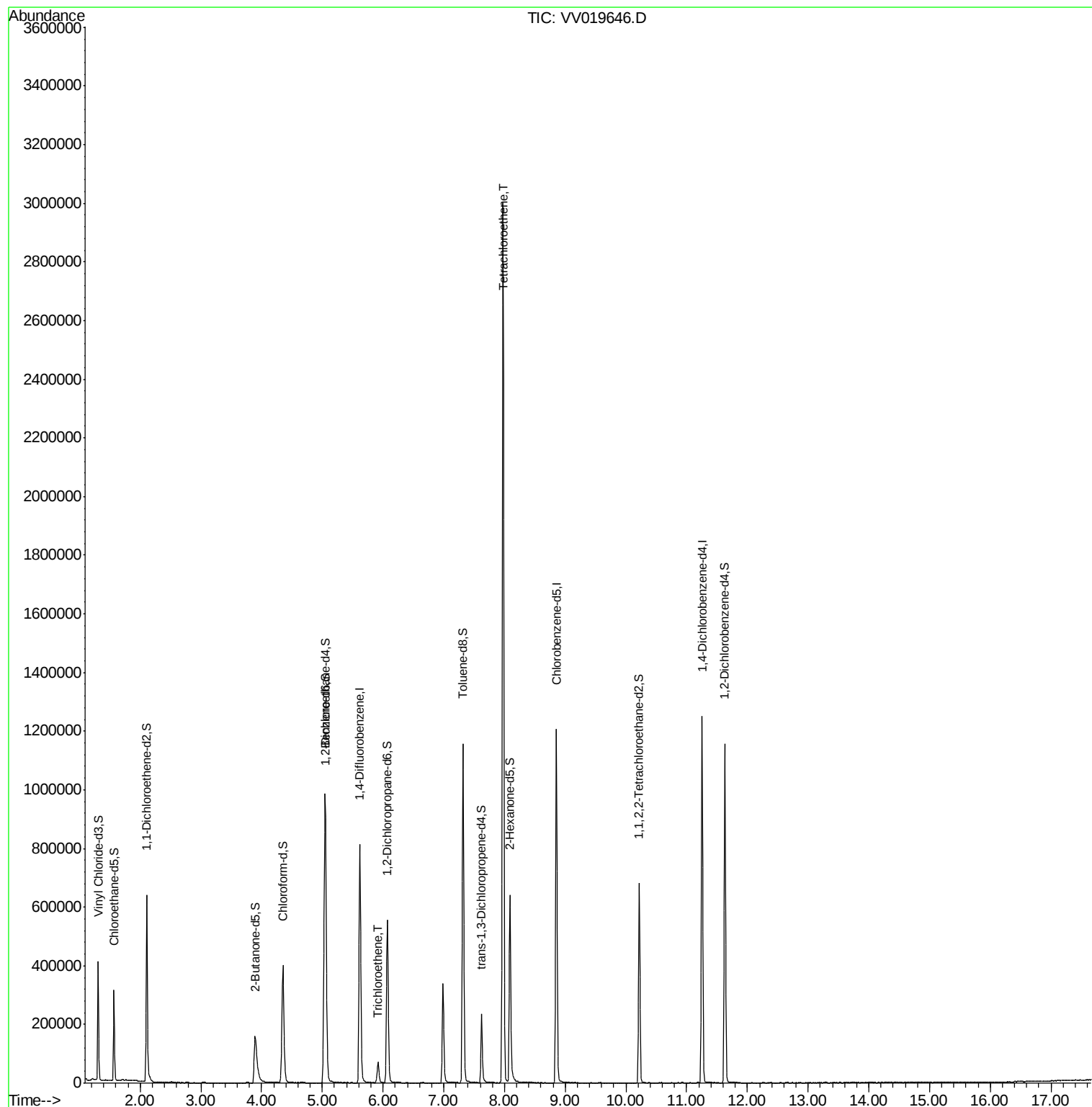
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	22926	4.762 ug/L	99
46) Tetrachloroethene	7.98	164	600941	180.392 ug/L	98

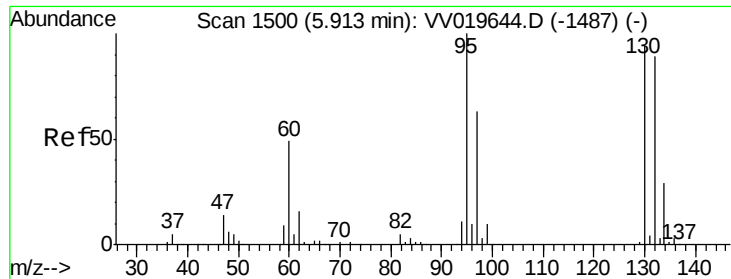
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.762 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

BG4M9

Tot Ion: 95 Resp: 22926

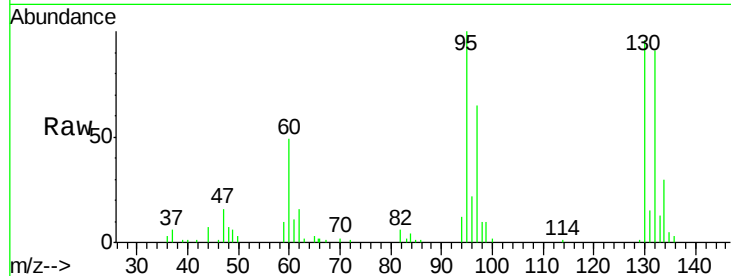
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.4

132 90.6 64.3 119.3

130 96.0 67.8 125.8

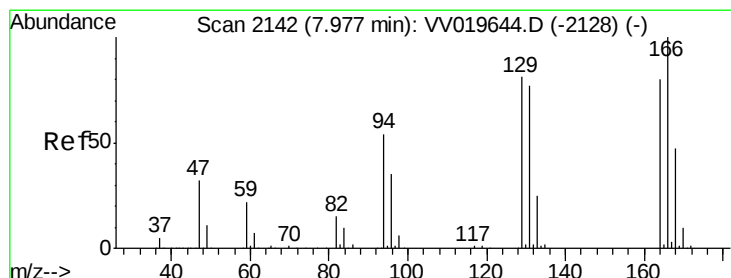
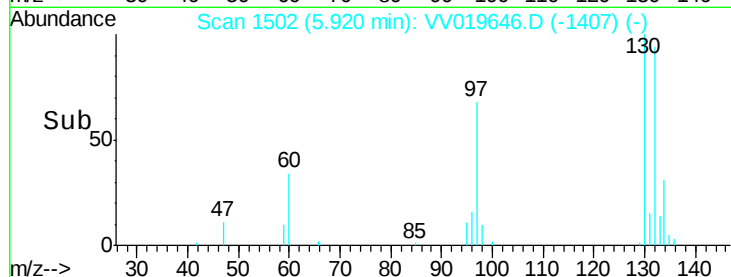
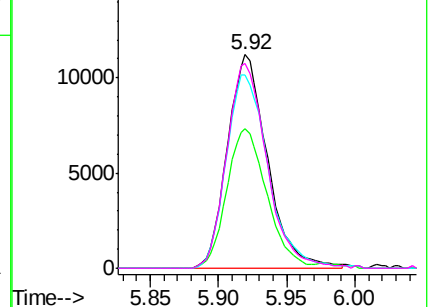


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 180.392 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.00 min

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Tgt Ion:164 Resp: 600941

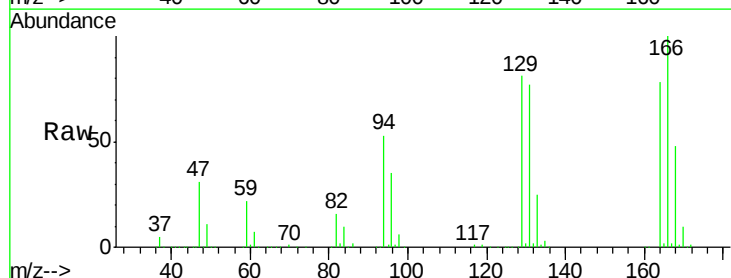
Ion Ratio Lower Upper

164 100

129 102.7 70.6 131.0

131 98.3 68.0 126.4

166 127.6 86.9 161.5



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

