

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019548.D
 Acq On : 12 Dec 2020 11:57
 Operator : SY/MD
 Sample : L5056-01 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M7

Quant Time: Dec 13 05:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	674435	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	621149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	288975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	187598	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.58%
7) Chloroethane-d5	1.57	69	166181	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.11	63	298367	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	3.89	46	267159	101.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.63%
24) Chloroform-d	4.35	84	397624	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.04	65	275562	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.05	84	779528	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.07	67	250709	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.32	98	700538	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.62	79	131617	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.09	63	199925	98.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	333624	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	256198	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

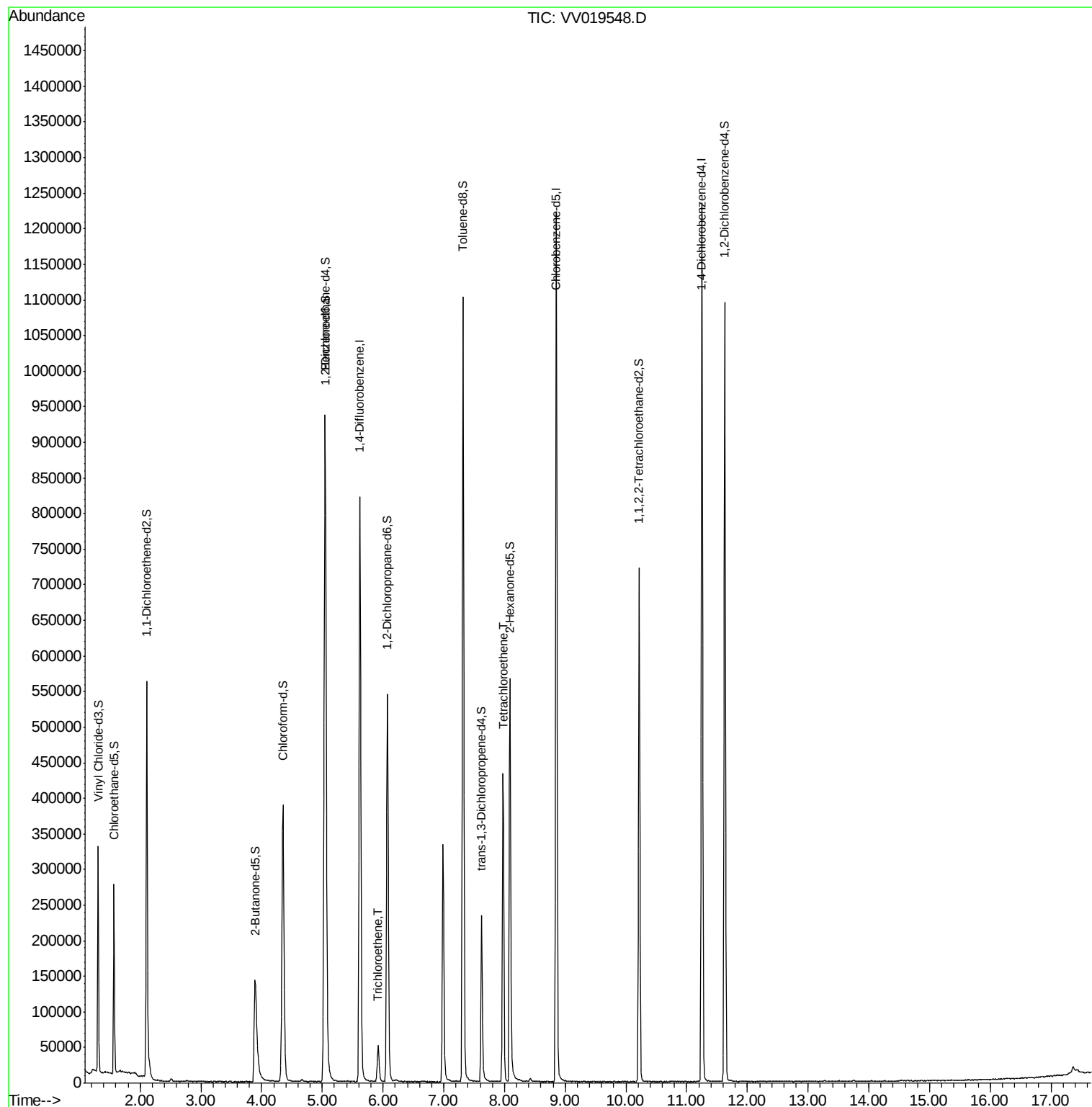
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	16909	3.526 ug/L	98
46) Tetrachloroethene	7.98	164	88761	26.749 ug/L	99

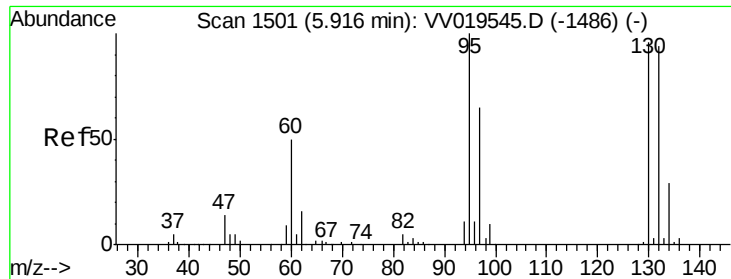
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.526 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019548.D

Acq: 12 Dec 2020 11:57

Instrument :

MSVOA_V

ClientSampleId :

BG4M7

Tot Ion: 95 Resp: 16909

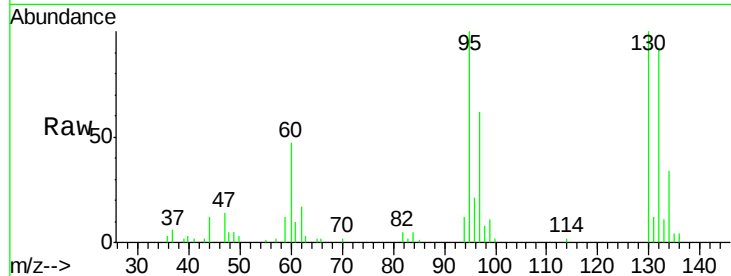
Ion Ratio Lower Upper

95 100

97 61.8 44.4 82.4

132 91.9 64.3 119.3

130 99.6 67.8 125.8



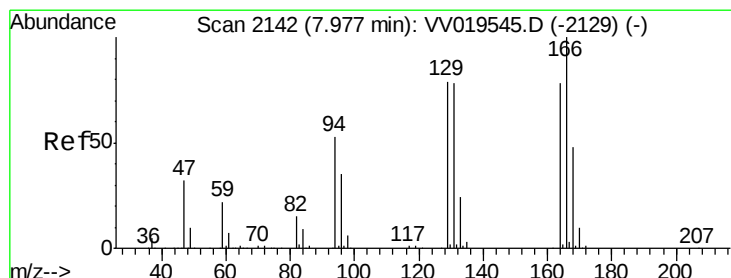
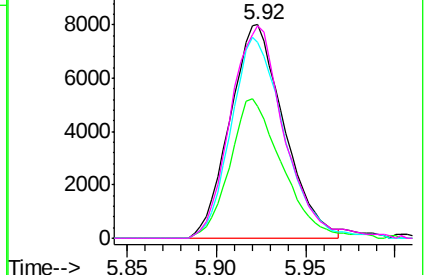
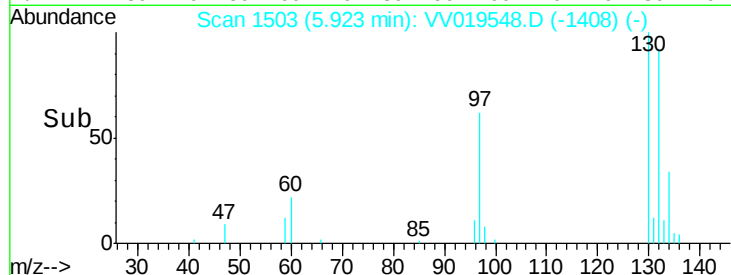
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#46

Tetrachloroethene

Concen: 26.749 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019548.D

Acq: 12 Dec 2020 11:57

Tgt Ion: 164 Resp: 88761

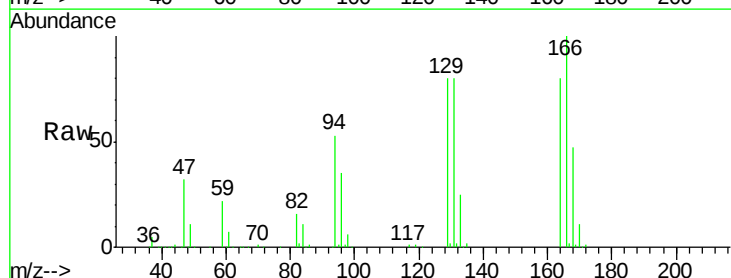
Ion Ratio Lower Upper

164 100

129 100.4 70.6 131.0

131 100.0 68.0 126.4

166 125.0 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

Time-->

