

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019556.D
 Acq On : 12 Dec 2020 15:16
 Operator : SY/MD
 Sample : L5056-02 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M8

Quant Time: Dec 13 06:11:09 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	689473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	293058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	177388	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.76%
7) Chloroethane-d5	1.57	69	158877	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.11	63	280401	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.12%
21) 2-Butanone-d5	3.89	46	254172	94.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	4.35	84	373175	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	5.04	65	260039	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.05	84	737711	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
36) 1,2-Dichloropropane-d6	6.07	67	240389	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.20%
41) Toluene-d8	7.32	98	654652	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	7.62	79	124916	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.09	63	193043	93.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.31%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	319728	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.63	152	244122	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

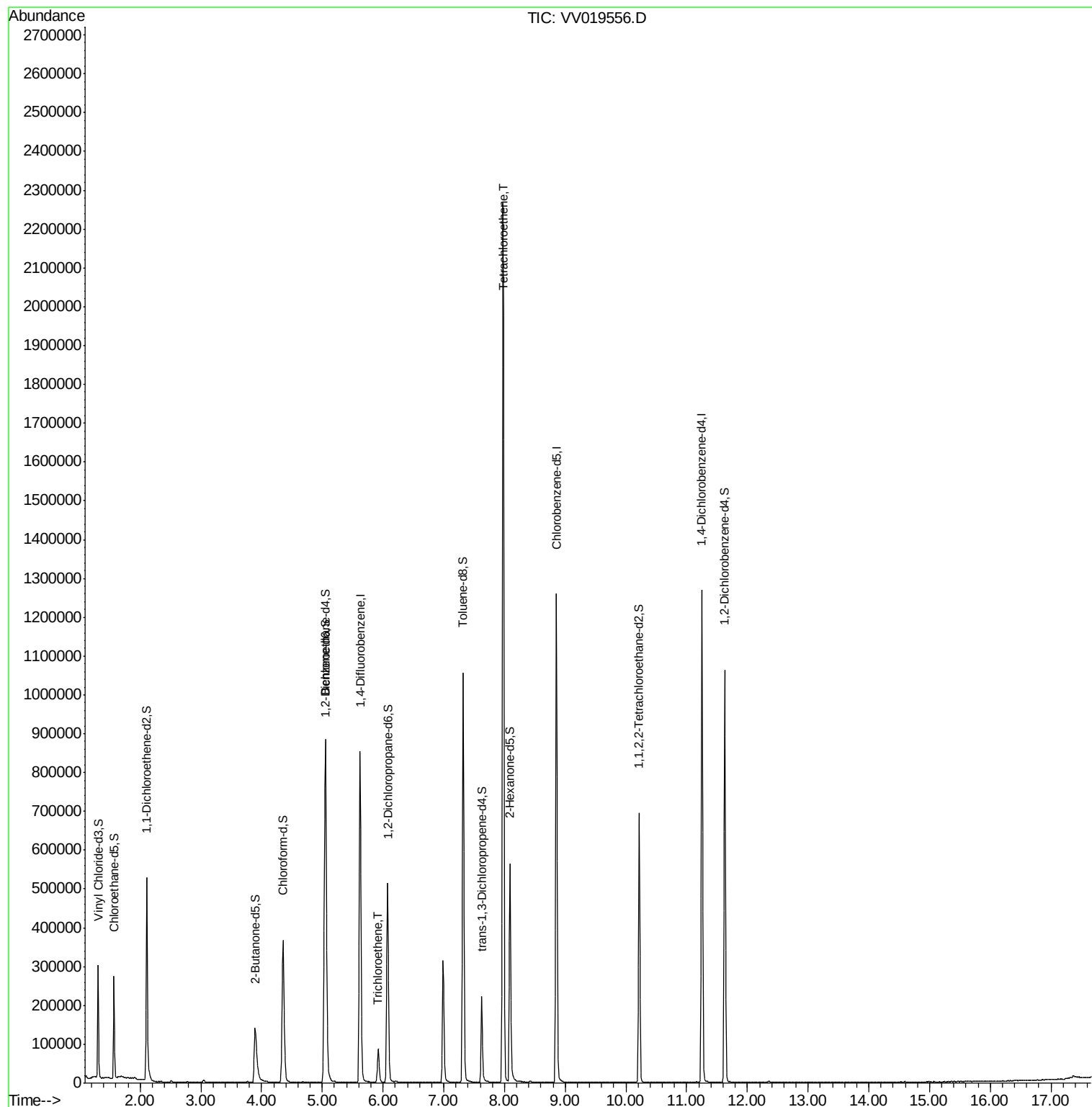
Target Compounds					Ovalue
34) Trichloroethene	5.93	95	30838	6.331 ug/L	96
46) Tetrachloroethene	7.98	164	452222	134.168 ug/L	97

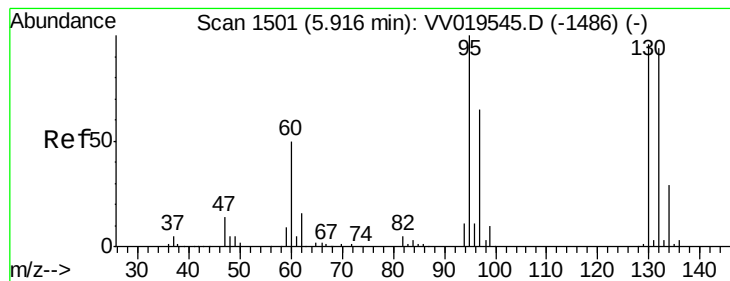
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 6.331 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BG4M8

Tot Ion: 95 Resp: 30838

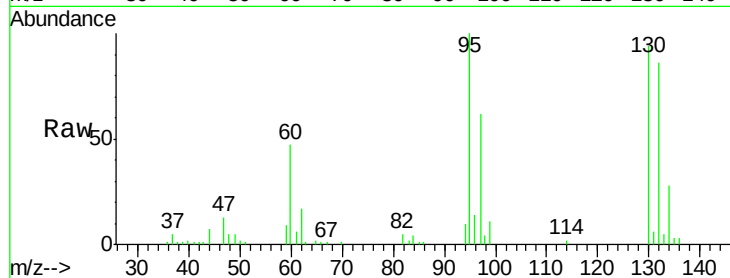
Ion Ratio Lower Upper

95 100

97 62.2 44.4 82.4

132 85.9 64.3 119.3

130 94.5 67.8 125.8

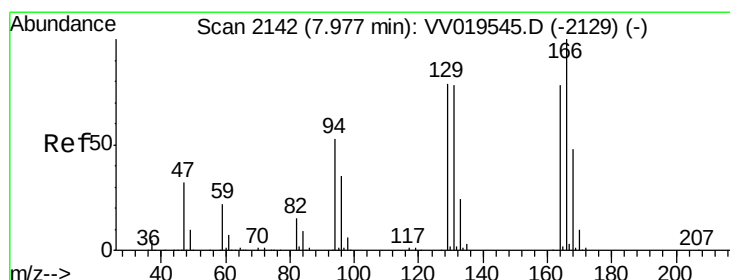
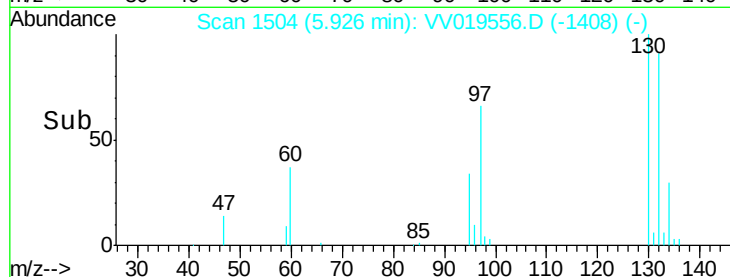
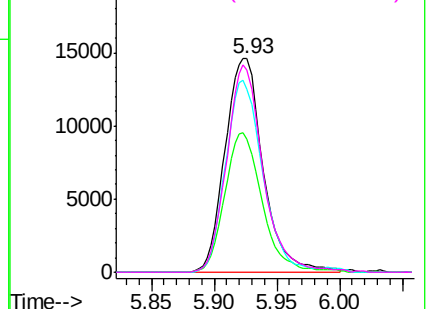


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 134.168 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 452222

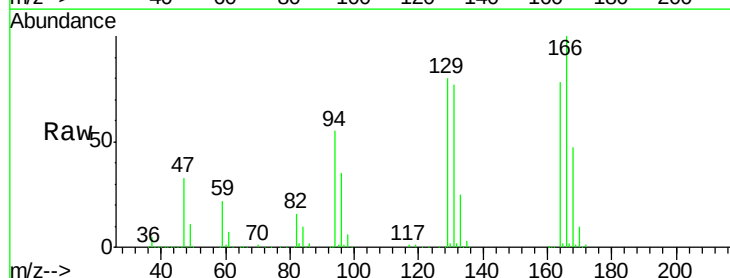
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 99.7 68.0 126.4

166 128.7 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

