

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018928.D
 Acq On : 15 Oct 2020 22:10
 Operator : SY/MD
 Sample : L4382-15 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z3

Quant Time: Oct 16 12:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120246	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.62%
7) Chloroethane-d5	1.58	69	98488	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.86%
11) 1,1-Dichloroethene-d2	2.12	63	175792	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.04%
21) 2-Butanone-d5	3.91	46	167555	95.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.58%
24) Chloroform-d	4.38	84	213870	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.06	65	152220	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
32) Benzene-d6	5.07	84	419688	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.09	67	142324	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.34	98	377656	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%
43) trans-1,3-Dichloropropene-	7.64	79	64922	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
47) 2-Hexanone-d5	8.11	63	100479	94.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148065	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	150444	51.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.74%

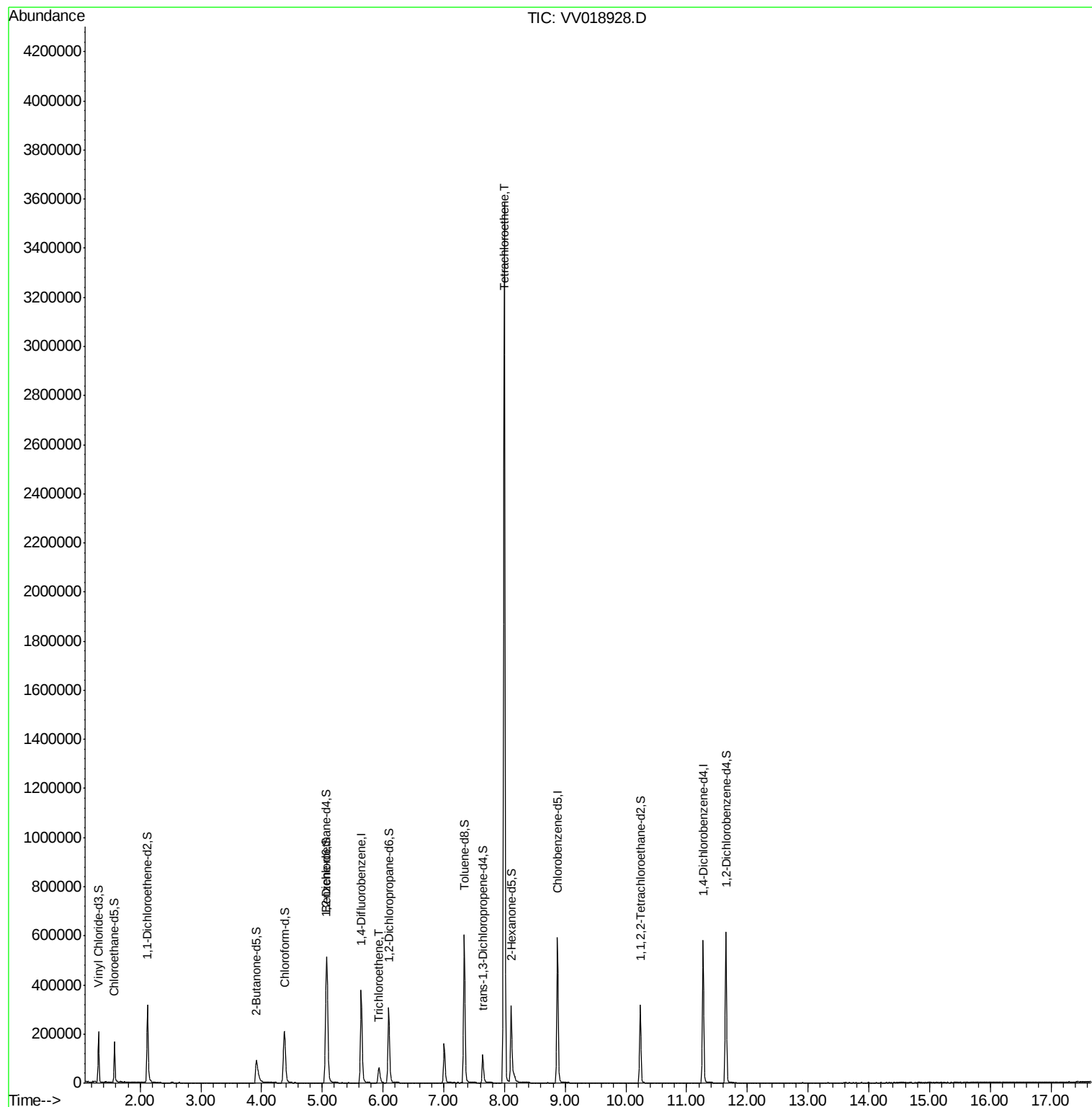
Target Compounds					Ovalue
34) Trichloroethene	5.94	95	11664	4.290 ug/L	98
46) Tetrachloroethene	8.00	164	774617	404.223 ug/L	98

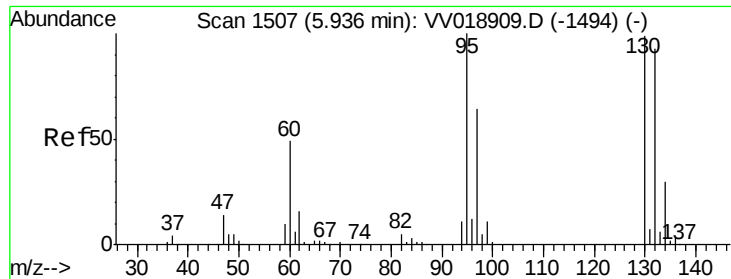
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.290 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018928.D

Acq: 15 Oct 2020 22:10

Instrument :

MSVOA_V

ClientSampleId :

BG3Z3

Tot Ion: 95 Resp: 11664

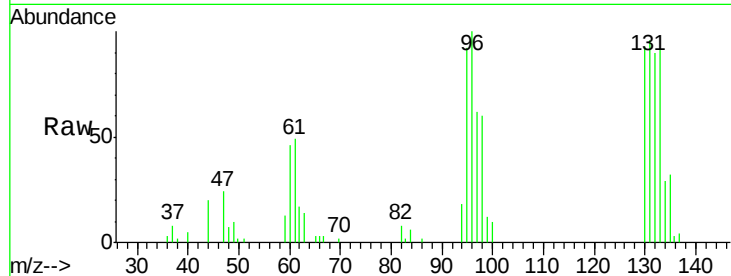
Ion Ratio Lower Upper

95 100

97 66.7 44.7 82.9

132 97.2 67.0 124.4

130 100.9 70.8 131.6

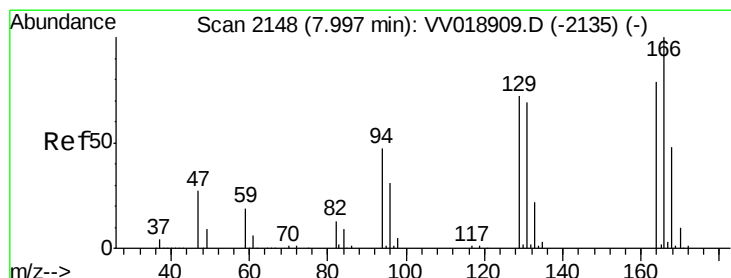
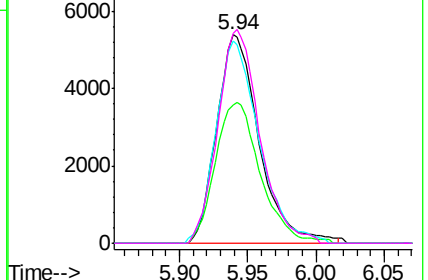
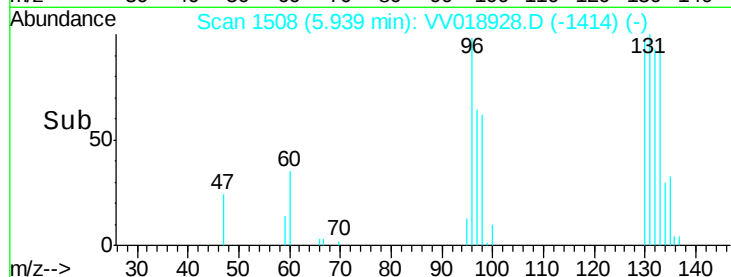


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 404.223 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 774617

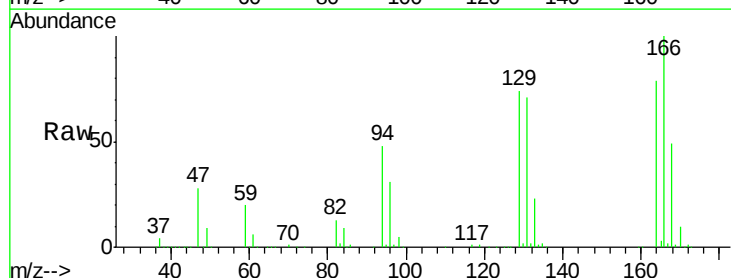
Ion Ratio Lower Upper

164 100

129 94.2 65.0 120.8

131 89.7 62.9 116.7

166 126.9 91.1 169.3



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

