

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
 Data File : VV019778.D
 Acq On : 21 Dec 2020 16:16
 Operator : SY/MD
 Sample : L5087-07 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q2

Quant Time: Dec 22 01:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	671603	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	631924	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	303064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267311	55.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.02%
7) Chloroethane-d5	1.57	69	210899	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.04%
11) 1,1-Dichloroethene-d2	2.11	63	373496	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
21) 2-Butanone-d5	3.89	46	365820	139.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.75%#
24) Chloroform-d	4.35	84	454330	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
26) 1,2-Dichloroethane-d4	5.04	65	316173	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.48%
32) Benzene-d6	5.05	84	919382	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
36) 1,2-Dichloropropane-d6	6.07	67	292214	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.32	98	791987	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%
43) trans-1,3-Dichloropropene-	7.63	79	135689	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.36%
47) 2-Hexanone-d5	8.09	63	231076	111.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.52%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	360223	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.63	152	283129	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

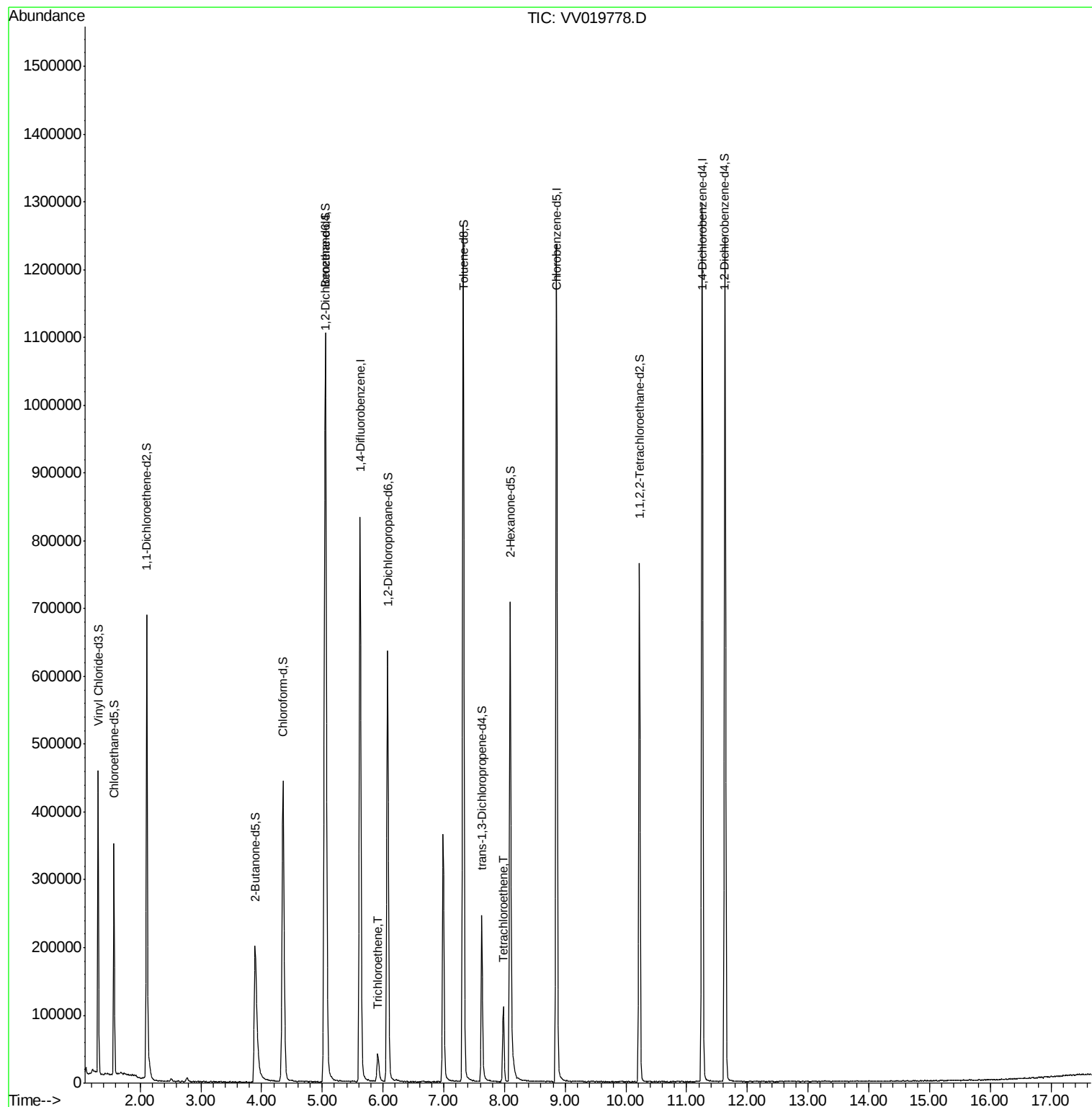
Target Compounds					Qvalue
34) Trichloroethene	5.92	95	6447	1.321 ug/L	93
46) Tetrachloroethene	7.98	164	22149	6.561 ug/L	93

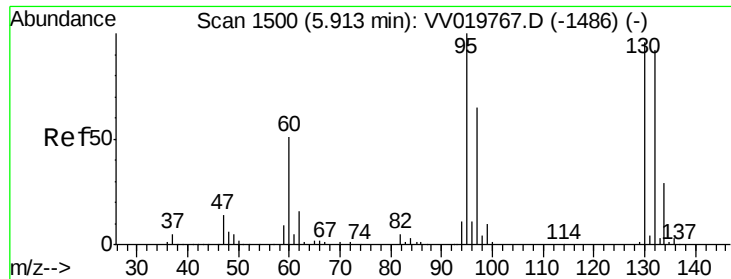
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.321 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

BG4Q2

Tgt Ion: 95 Resp: 6447

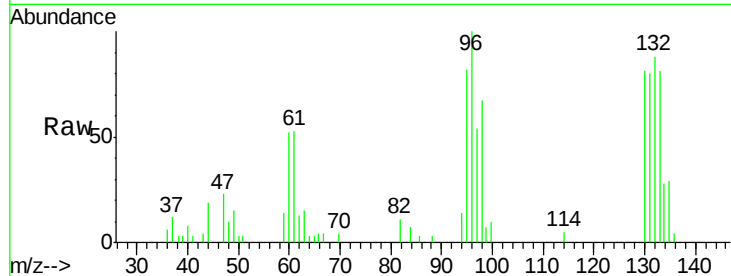
Ion Ratio Lower Upper

95 100

97 65.8 44.4 82.4

132 107.0 64.3 119.3

130 98.7 67.8 125.8



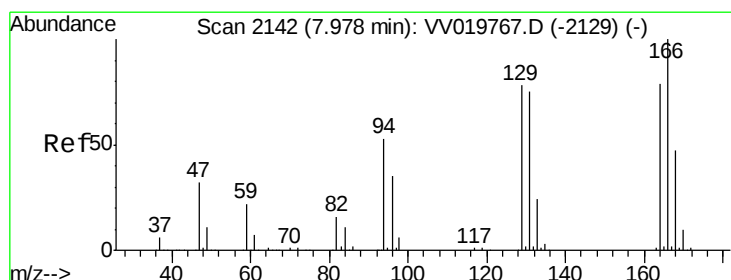
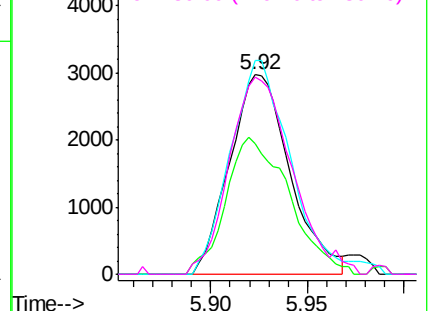
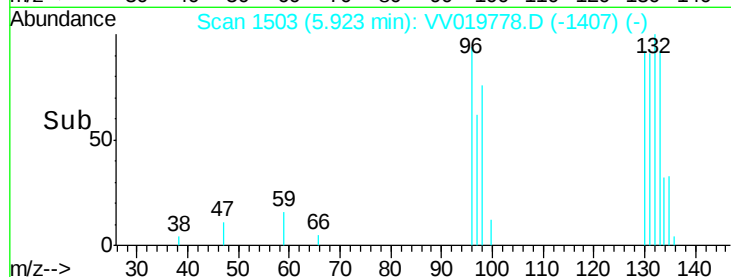
Abundance

Ion 95.00 (94.70 to 95.70): VV019767.D (-1486) (-)

Ion 97.00 (96.70 to 97.70): VV019767.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019767.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019767.D (-1486) (-)



#46

Tetrachloroethene

Concen: 6.561 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Tgt Ion: 164 Resp: 22149

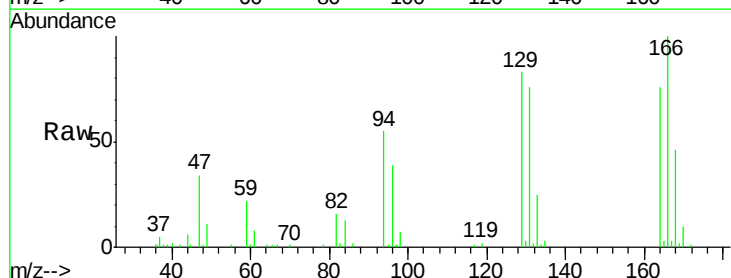
Ion Ratio Lower Upper

164 100

129 109.8 70.6 131.0

131 101.1 68.0 126.4

166 132.2 86.9 161.5



Abundance

Ion 164.00 (163.70 to 164.70): VV019767.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019767.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019767.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019767.D (-2129) (-)

