

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019589.D
 Acq On : 13 Dec 2020 05:16
 Operator : SY/MD
 Sample : L4928-11 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M6

Quant Time: Dec 13 09:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	637889	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	591666	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	170458	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.57	69	152689	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.64%
11) 1,1-Dichloroethene-d2	2.11	63	266713	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	3.90	46	249926	100.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.35	84	367090	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.04	65	254540	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.05	84	714051	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
36) 1,2-Dichloropropane-d6	6.07	67	229621	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.32	98	637109	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%
43) trans-1,3-Dichloropropene-	7.62	79	110816	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
47) 2-Hexanone-d5	8.09	63	180540	93.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309111	46.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.46%
64) 1,2-Dichlorobenzene-d4	11.63	152	239553	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

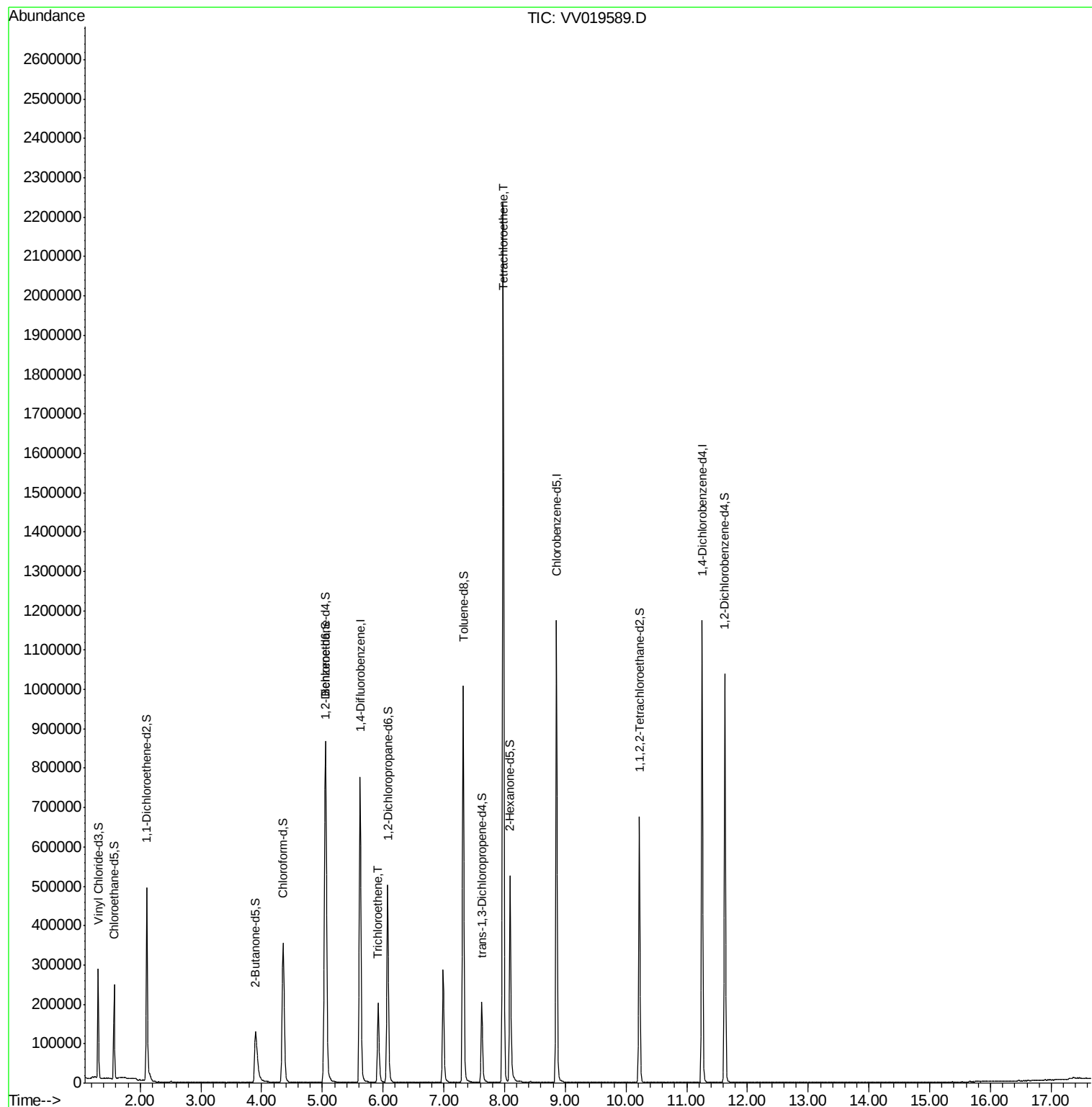
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	69503	15.216 ug/L	98
46) Tetrachloroethene	7.98	164	446035	141.117 ug/L	99

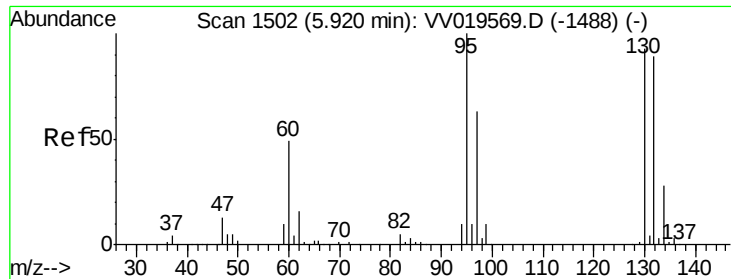
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 15.216 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019589.D

Acq: 13 Dec 2020 05:16

Instrument :

MSVOA_V

ClientSampleId :

BG4M6

Tot Ion: 95 Resp: 69503

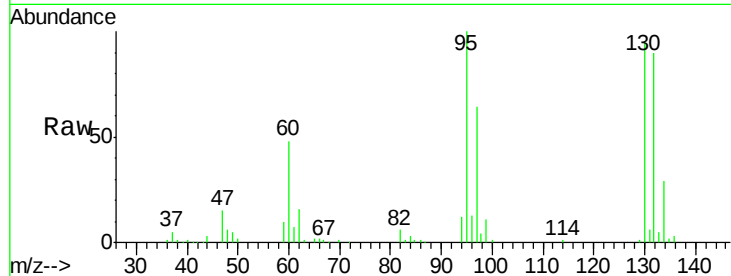
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 89.9 64.3 119.3

130 94.8 67.8 125.8

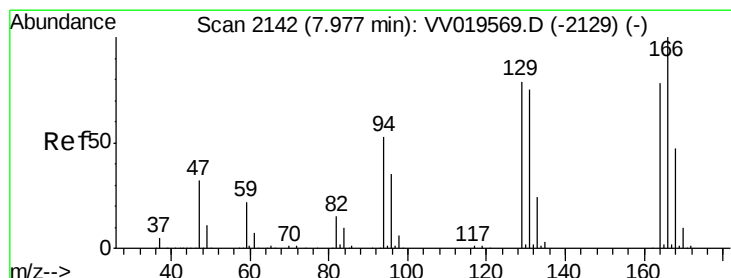
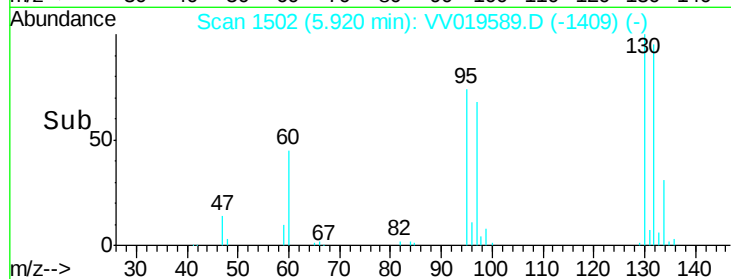
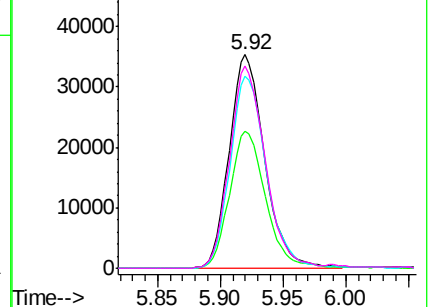


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 141.117 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 446035

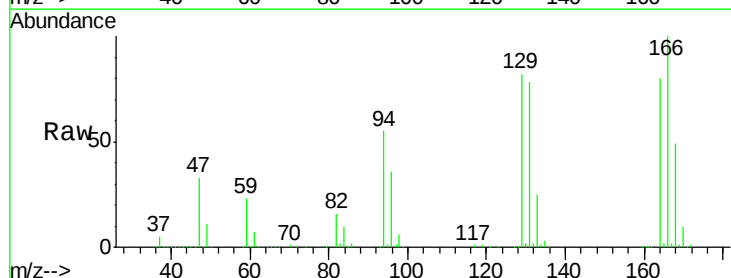
Ion Ratio Lower Upper

164 100

129 102.5 70.6 131.0

131 97.8 68.0 126.4

166 125.7 86.9 161.5



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

