

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019591.D
 Acq On : 13 Dec 2020 06:04
 Operator : SY/MD
 Sample : L4928-05 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M2

Quant Time: Dec 13 09:16:30 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	573049	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	510475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	225733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	150970	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.48%
7) Chloroethane-d5	1.57	69	141564	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.11	63	233080	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.12%
21) 2-Butanone-d5	3.90	46	246374	110.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.31%
24) Chloroform-d	4.35	84	343208	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.04	65	245856	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
32) Benzene-d6	5.05	84	648917	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.07	67	220723	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.50%
41) Toluene-d8	7.32	98	542650	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.62	79	101023	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.28%
47) 2-Hexanone-d5	8.09	63	177031	105.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.76%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	297263	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	204354	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%

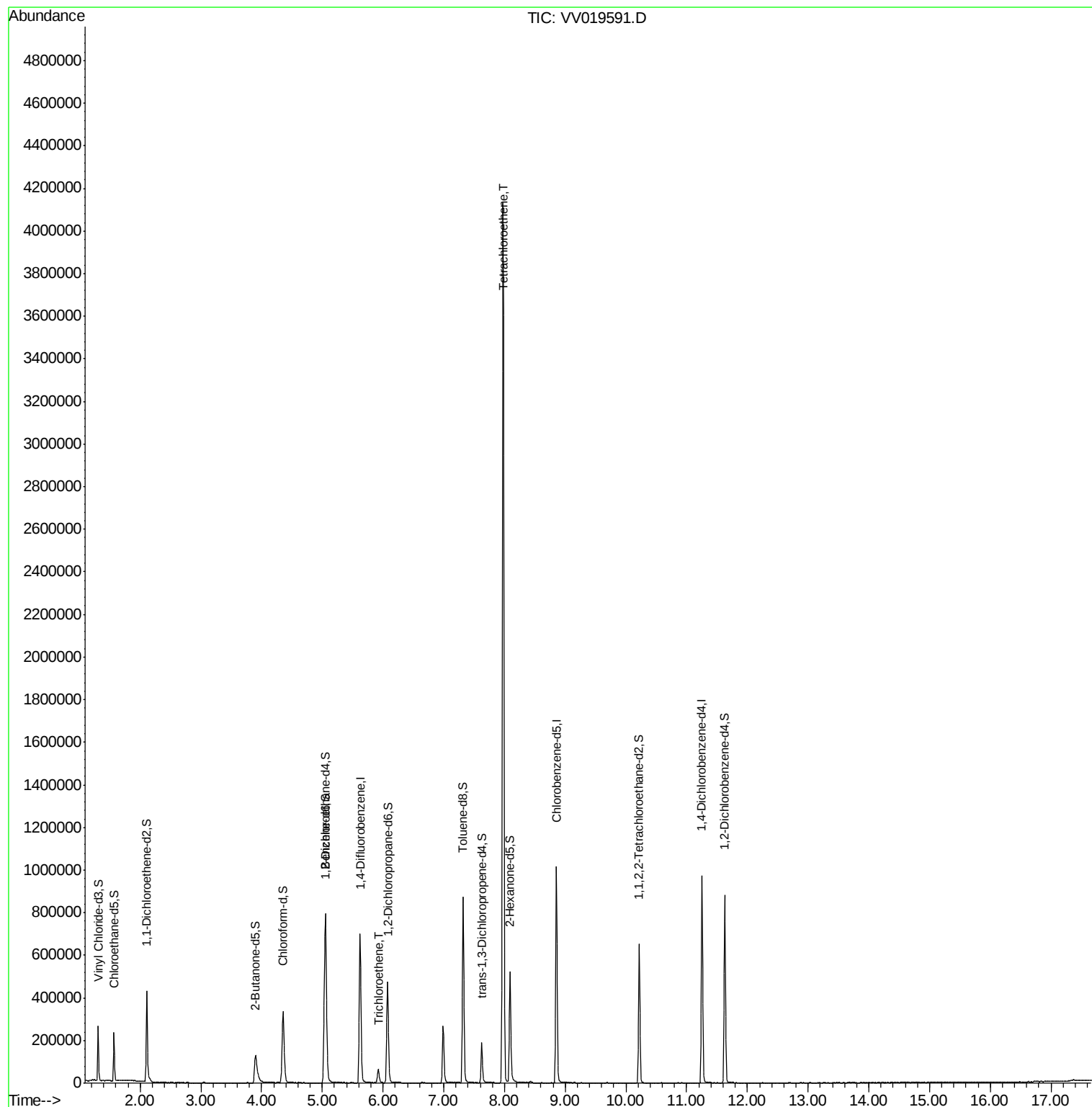
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	21205	5.381 ug/L	95
46) Tetrachloroethene	7.98	164	828014	303.634 ug/L	96

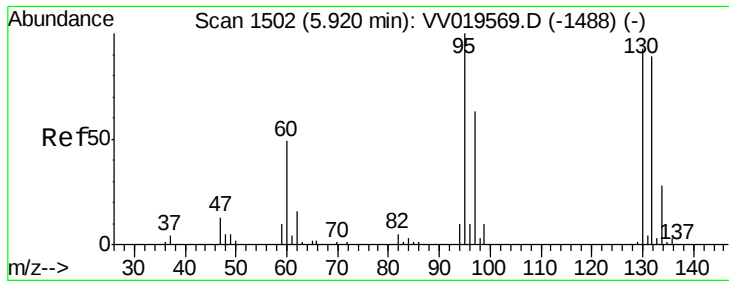
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 5.381 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.00 min

Lab File: VV019591.D

Acq: 13 Dec 2020 06:04

Instrument :

MSVOA_V

ClientSampleId :

BG4M2

Tot Ion: 95 Resp: 21205

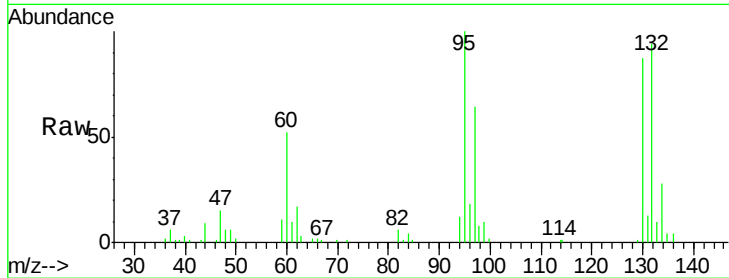
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 94.1 64.3 119.3

130 87.4 67.8 125.8

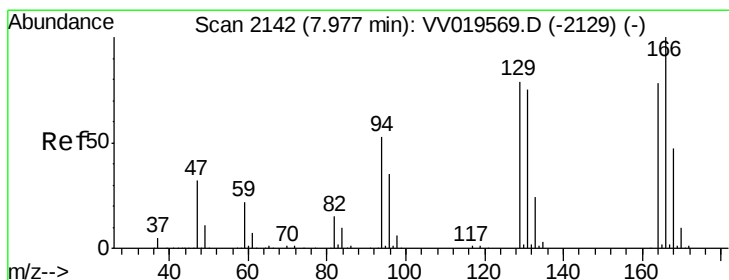
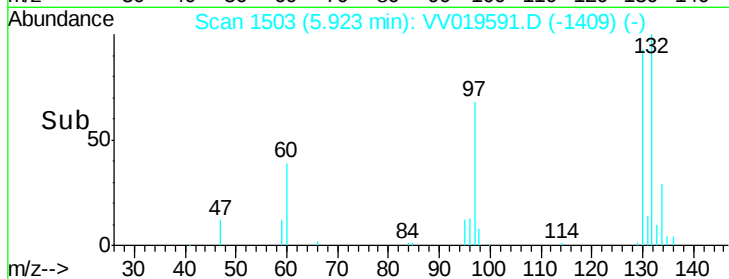
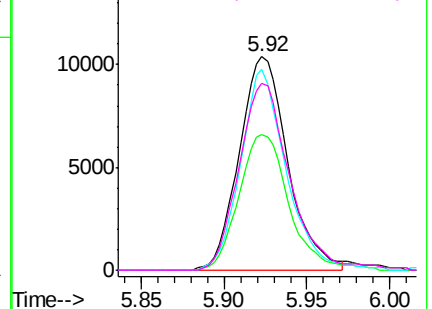


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 303.634 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 828014

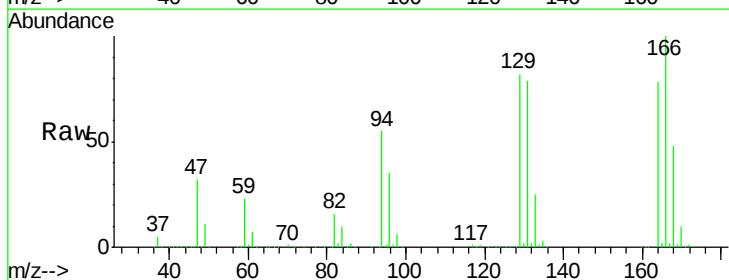
Ion Ratio Lower Upper

164 100

129 104.5 70.6 131.0

131 101.0 68.0 126.4

166 128.0 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

