

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013123.D
 Acq On : 12 Oct 2019 01:09
 Operator : SY/MD
 Sample : K5347-04
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF3

Quant Time: Oct 12 04:37:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 01:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	680219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	638877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	225494	52.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.90%
7) Chloroethane-d5	1.58	69	198785	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	324080	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.92%
21) 2-Butanone-d5	3.92	46	353418	109.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.32%
24) Chloroform-d	4.40	84	446291	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	5.08	65	288955	56.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.26%
32) Benzene-d6	5.10	84	945617	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
36) 1,2-Dichloropropane-d6	6.12	67	301215	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.80%
41) Toluene-d8	7.36	98	802963	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%
43) trans-1,3-Dichloropropene-	7.66	79	123602	51.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.18%
47) 2-Hexanone-d5	8.13	63	241619	113.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.71%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	372638	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	283691	59.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.44%

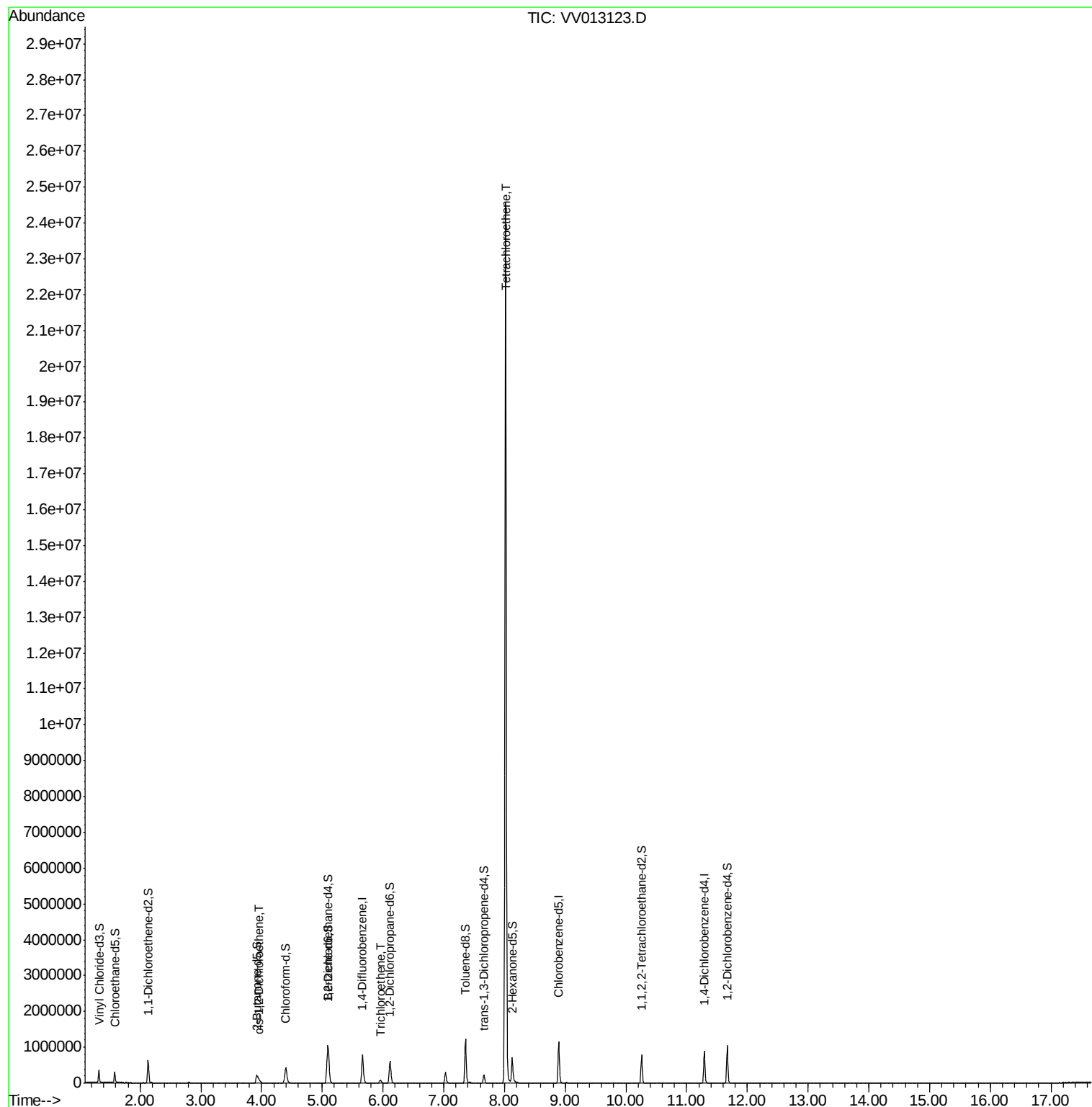
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	28936	5.587 ug/L	96
34) Trichloroethene	5.96	95	20518	3.960 ug/L	98
46) Tetrachloroethene	8.02	164	5577596	1359.778 ug/L	97

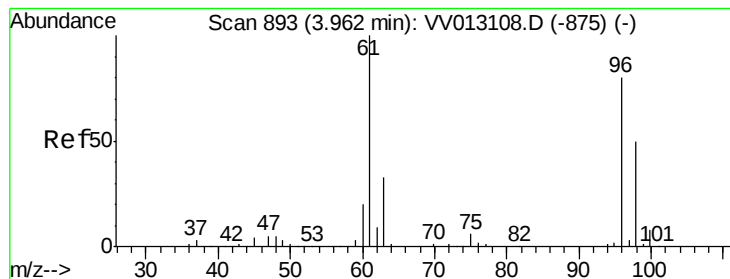
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 5.587 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

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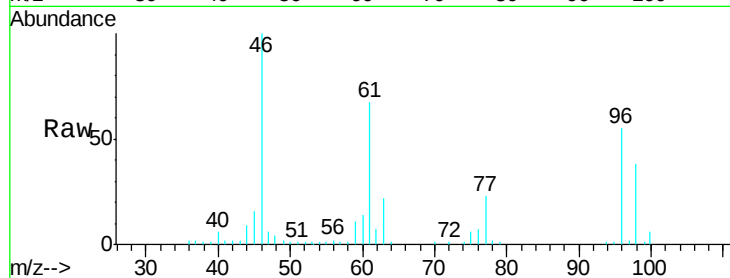
Tgt Ion: 96 Resp: 28936

Ion Ratio Lower Upper

96 100

61 120.8 87.5 162.5

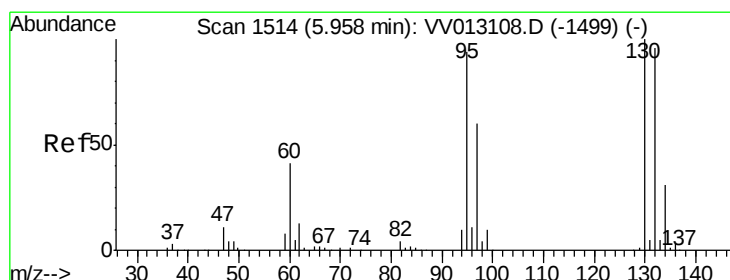
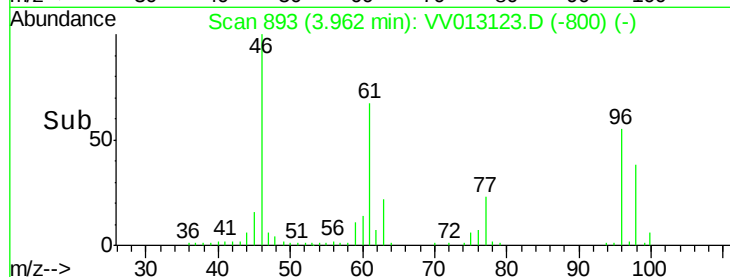
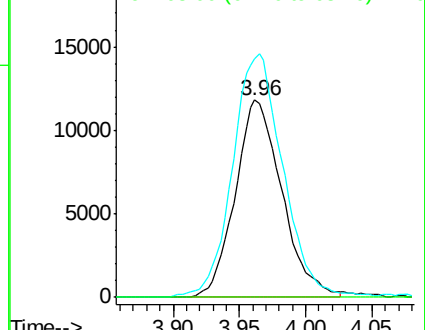
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV013108.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV013108.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV013108.D (-875) (-)



#34

Trichloroethene

Concen: 3.960 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV013123.D

Acq: 12 Oct 2019 01:09

Tgt Ion: 95 Resp: 20518

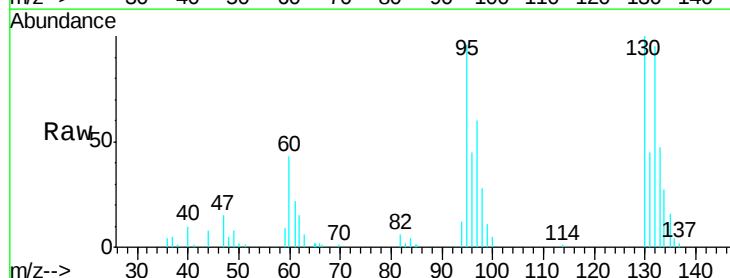
Ion Ratio Lower Upper

95 100

97 62.4 44.7 82.9

132 99.3 71.4 132.6

130 104.3 74.2 137.8

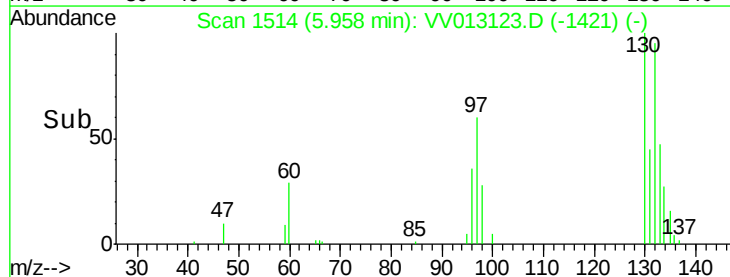
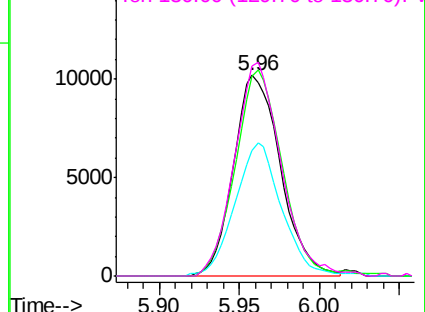


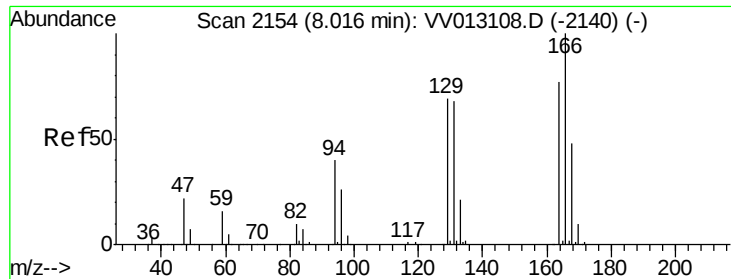
Abundance Ion 95.00 (94.70 to 95.70): VV013108.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV013108.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV013108.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV013108.D (-1499) (-)





#46

Tetrachloroethene

Concen: 1359.778 ug/L

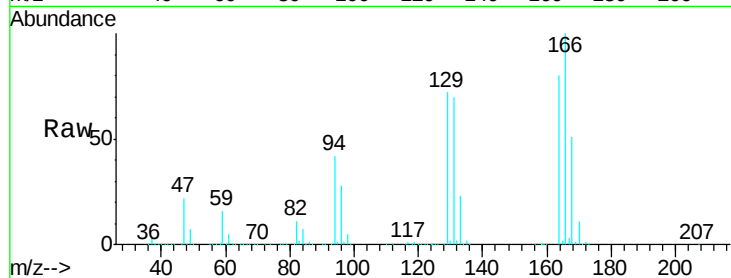
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 5577596

Ion Ratio Lower Upper

164 100

129 89.6 63.1 117.1

131 87.3 62.4 116.0

166 125.2 91.3 169.6

