

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018124.D
 Acq On : 27 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3800-20 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

Quant Time: Aug 28 07:33:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81600	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.58	69	73690	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.12	63	127339	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
21) 2-Butanone-d5	3.91	46	122572	95.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.38	84	163708	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.06	65	112322	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.08	84	331320	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	108407	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.48%
41) Toluene-d8	7.34	98	288340	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.64	79	50089	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.11	63	62156	84.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135042	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	123601	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

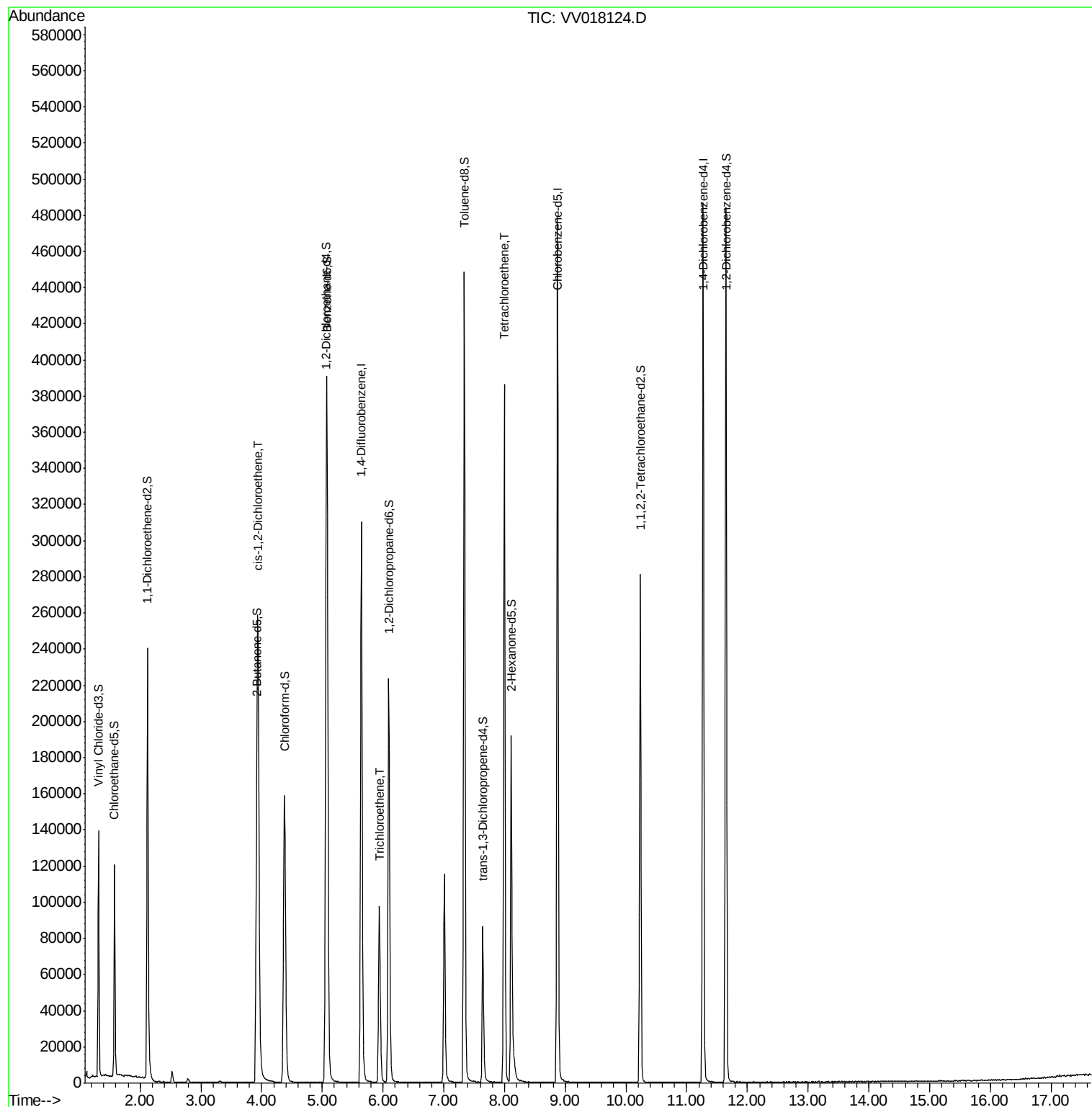
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	126078	64.461 ug/L	99
34) Trichloroethene	5.94	95	32069	15.396 ug/L	98
46) Tetrachloroethene	8.00	164	85021	55.655 ug/L	99

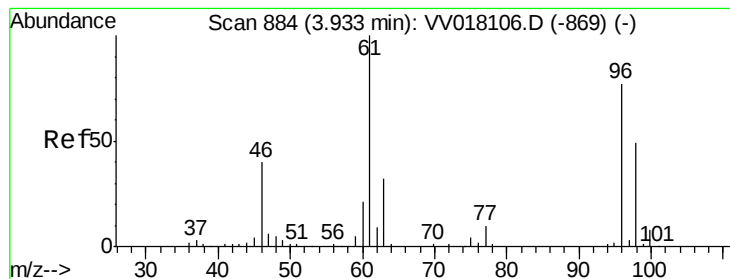
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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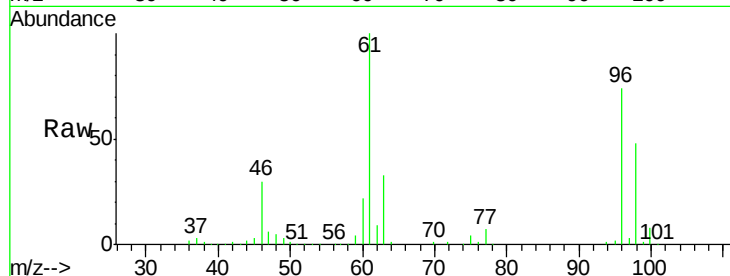


#20

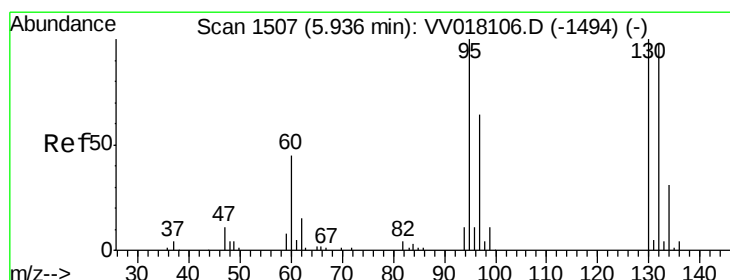
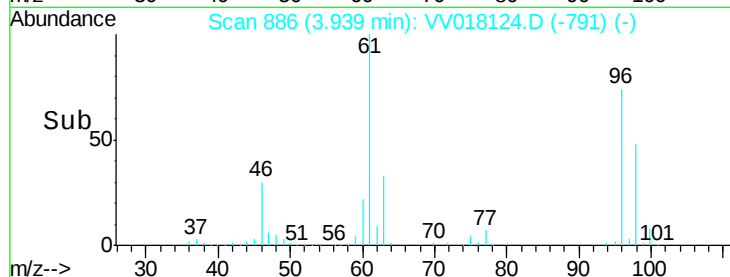
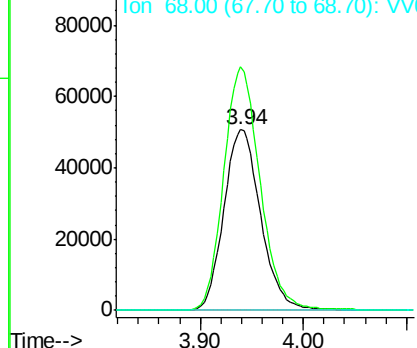
cis-1,2-Dichloroethene
Concen: 64.461 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

Instrument :
MSVOA_V
ClientSampleId :
BG3G8

Tot Ion: 96 Resp: 126078
Ion Ratio Lower Upper
96 100
61 134.8 95.0 176.4
68 0.0 0.0 0.0



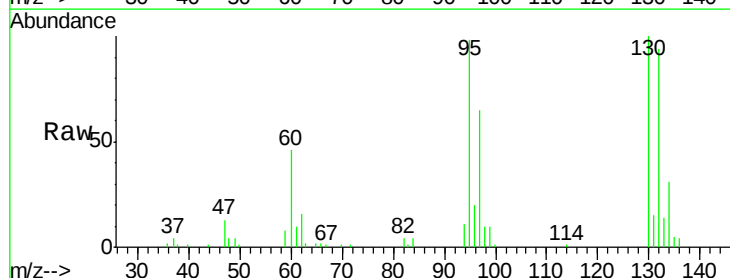
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



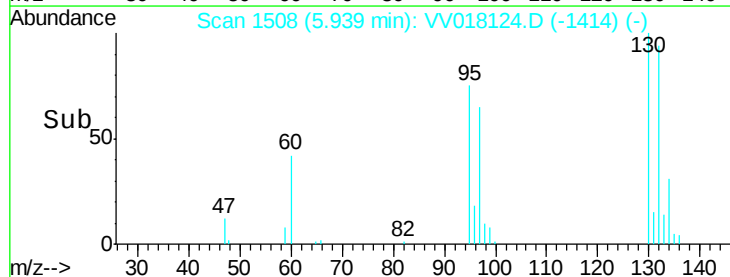
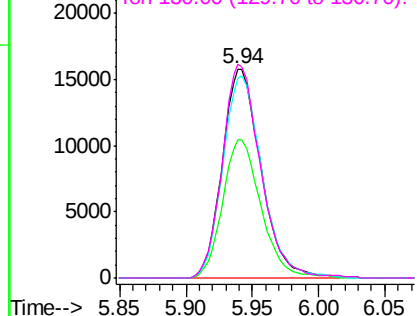
#34

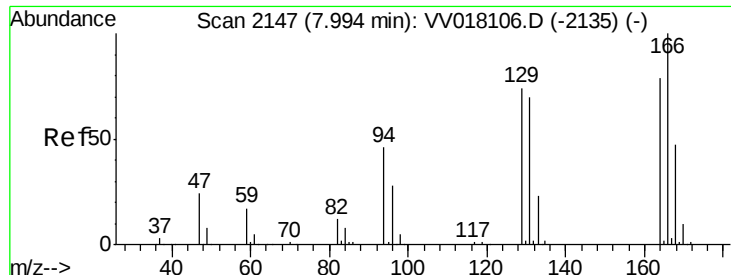
Trichloroethene
Concen: 15.396 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

Tgt Ion: 95 Resp: 32069
Ion Ratio Lower Upper
95 100
97 66.0 46.0 85.4
132 95.7 65.8 122.2
130 102.1 69.2 128.6



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): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 55.655 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018124.D

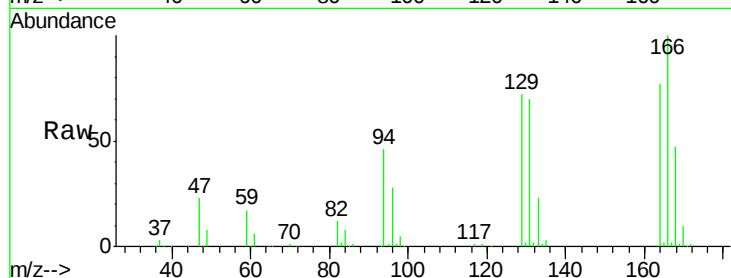
Acq: 27 Aug 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

BG3G8



Tot Ion:164 Resp: 85021

Ion Ratio Lower Upper

164 100

129 93.0 64.8 120.3

131 90.3 64.5 119.9

166 129.0 88.9 165.1

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

