

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016987.D
 Acq On : 18 Jun 2020 19:01
 Operator : SY/MD
 Sample : L3039-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M11

Quant Time: Jun 19 07:12:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	336555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314699	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79726	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.14%
7) Chloroethane-d5	1.58	69	61160	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.84%
11) 1,1-Dichloroethene-d2	2.12	63	129721	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	3.91	46	162541	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.38	84	218834	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.06	65	158727	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.07	84	415413	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.09	67	131107	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.72%
41) Toluene-d8	7.34	98	381366	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	64423	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.11	63	96466	78.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165635	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	162113	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

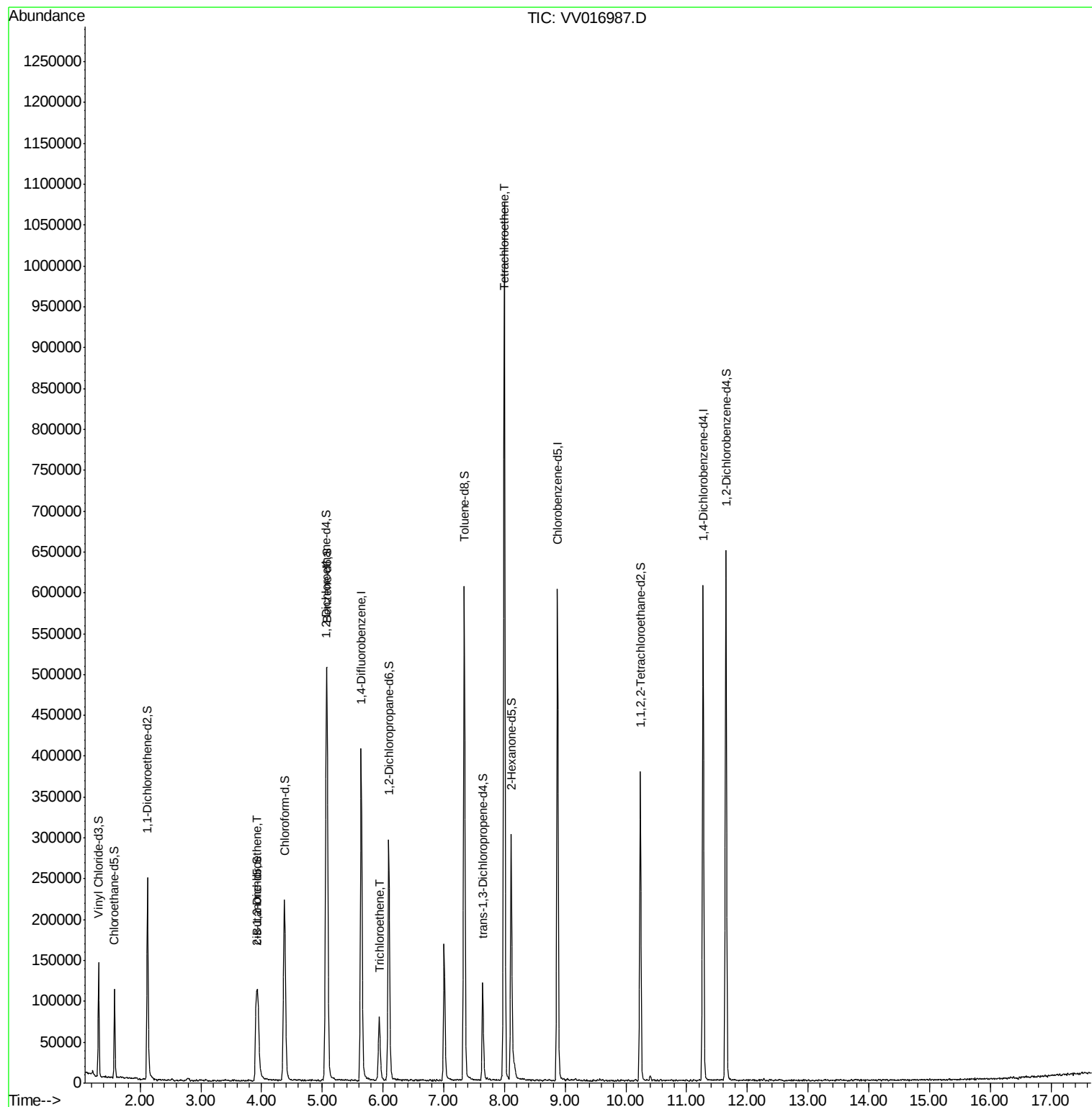
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	36867	14.848 ug/L	98
34) Trichloroethene	5.94	95	21750	8.710 ug/L	95
46) Tetrachloroethene	8.00	164	229921	117.069 ug/L	100

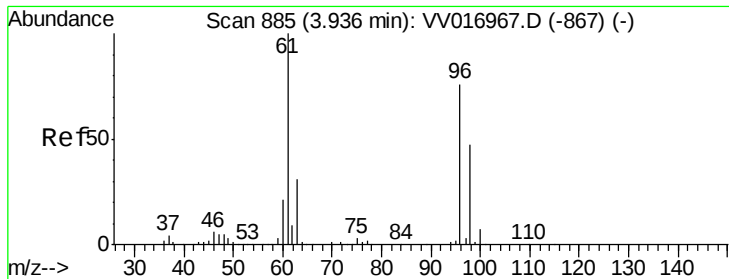
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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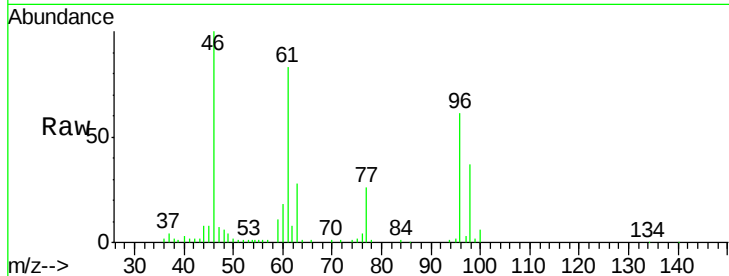


#20

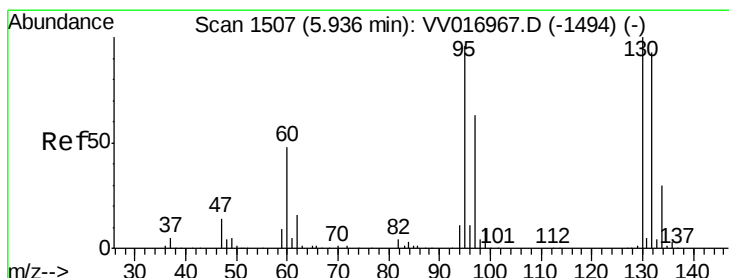
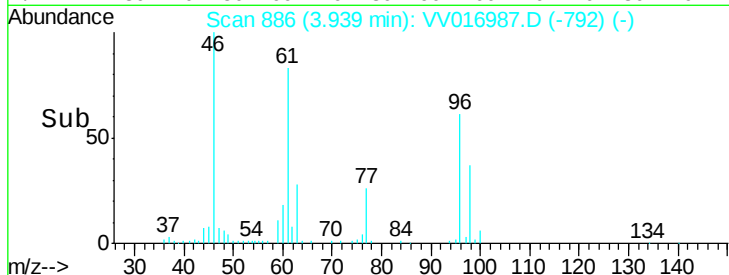
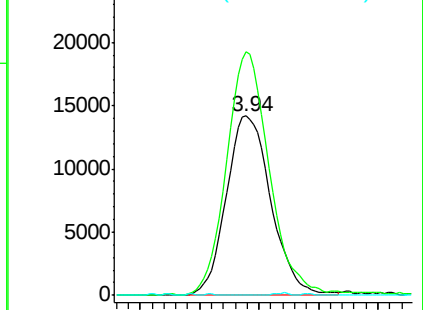
cis-1,2-Dichloroethene
Concen: 14.848 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016987.D
Acq: 18 Jun 2020 19:01

Instrument :
MSVOA_V
ClientSampled :
F9M11

Tot Ion: 96 Resp: 36867
Ion Ratio Lower Upper
96 100
61 135.8 93.4 173.4
68 0.0 0.0 0.0



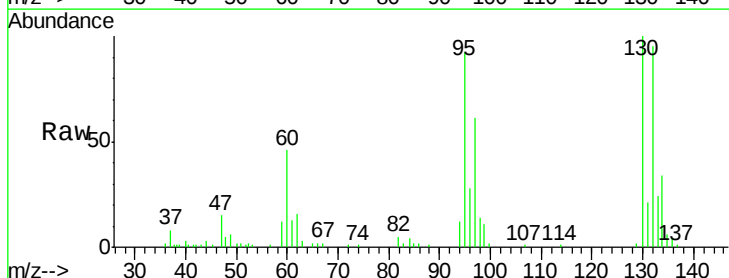
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



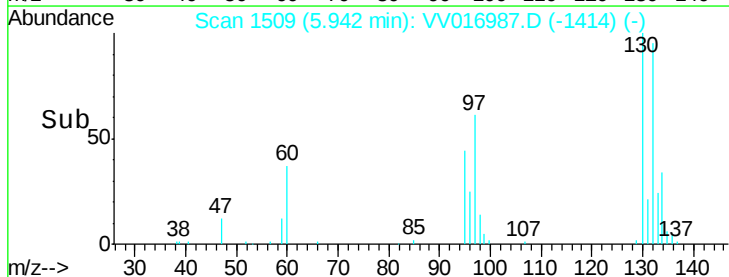
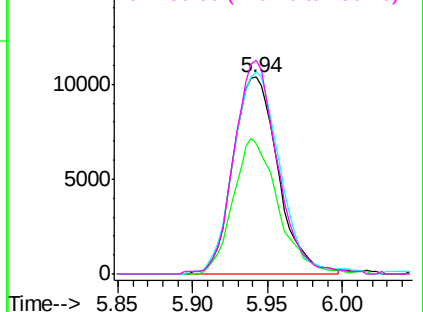
#34

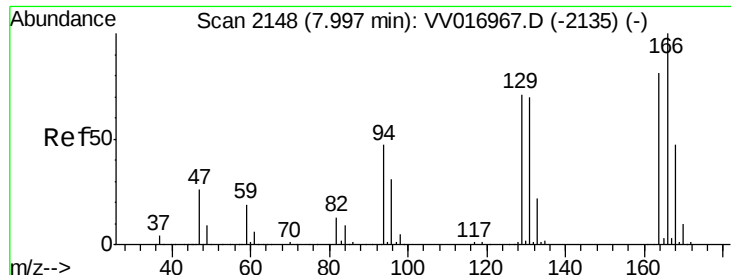
Trichloroethene
Concen: 8.710 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016987.D
Acq: 18 Jun 2020 19:01

Tgt Ion: 95 Resp: 21750
Ion Ratio Lower Upper
95 100
97 66.3 44.3 82.3
132 102.8 67.9 126.1
130 108.6 72.2 134.2



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: 117.069 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016987.D

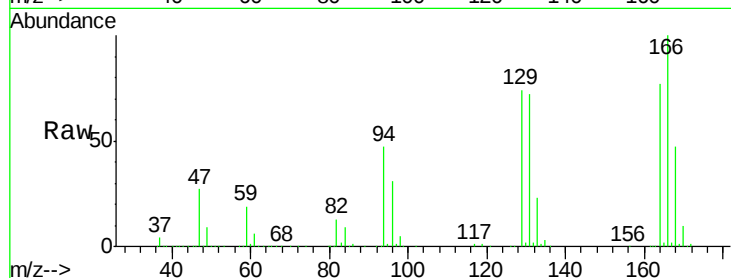
Acq: 18 Jun 2020 19:01

Instrument :

MSVOA_V

ClientSampleId :

F9M11



Tot Ion:164 Resp: 229921

Ion Ratio Lower Upper

164 100

129 95.6 67.0 124.4

131 92.6 64.8 120.3

166 129.3 90.4 167.8

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

