

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018701.D
 Acq On : 06 Oct 2020 20:24
 Operator : SY/MD
 Sample : L4287-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH7

Quant Time: Oct 07 07:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275808	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85228	52.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.38%
7) Chloroethane-d5	1.58	69	74914	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.02%
11) 1,1-Dichloroethene-d2	2.12	63	133509	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
21) 2-Butanone-d5	3.92	46	112860	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.38	84	161994	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.06	65	116663	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
32) Benzene-d6	5.08	84	323793	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
36) 1,2-Dichloropropane-d6	6.09	67	98264	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.34	98	288356	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.64	79	49923	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.11	63	57033	71.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106816	38.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	118200	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

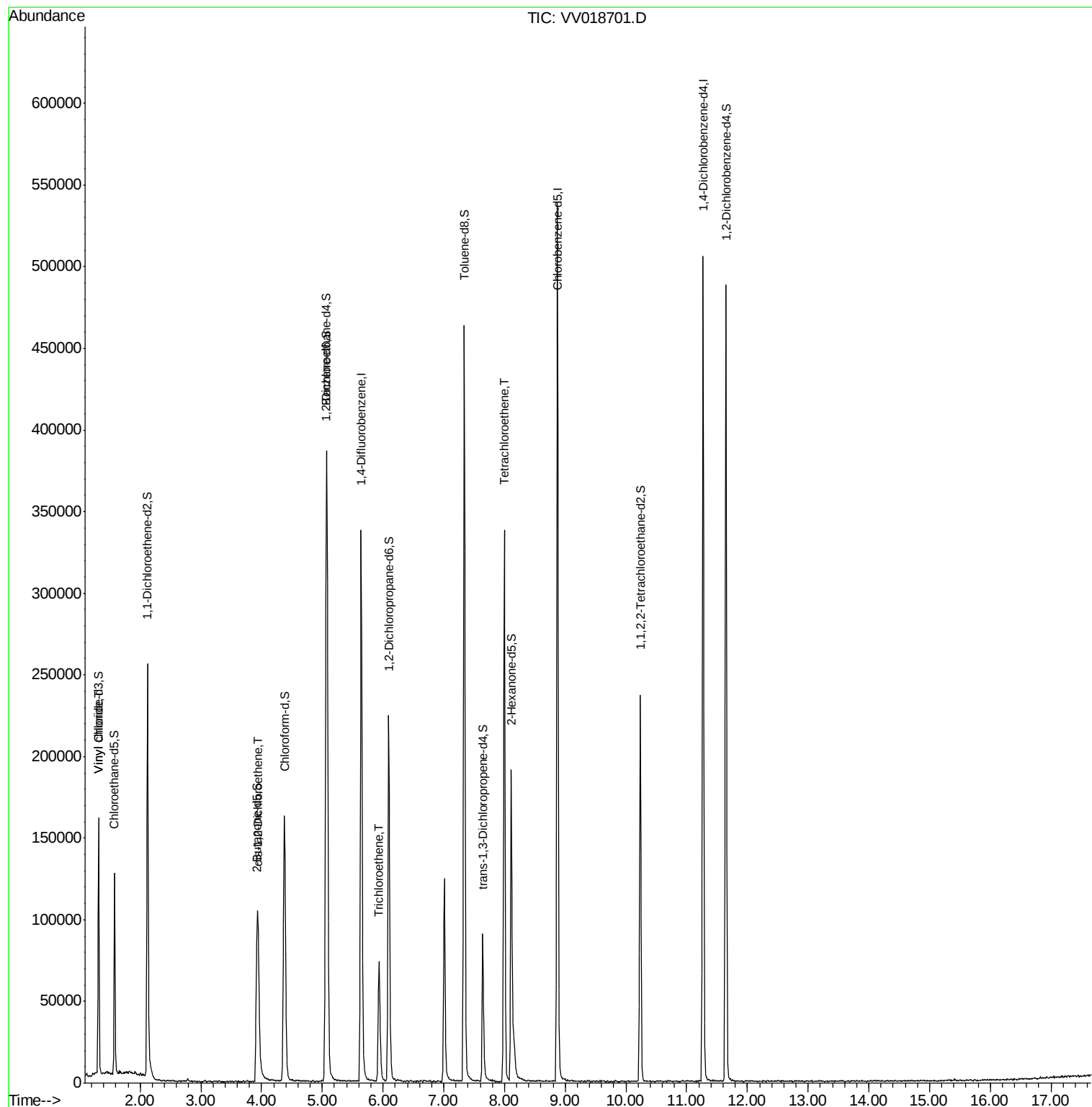
					Ovalue
5) Vinyl chloride	1.32	62	9965	4.723 ug/L	# 79
20) cis-1,2-Dichloroethene	3.94	96	34334	16.398 ug/L	95
34) Trichloroethene	5.94	95	16887	7.177 ug/L	97
46) Tetrachloroethene	8.00	164	70417	36.890 ug/L	94

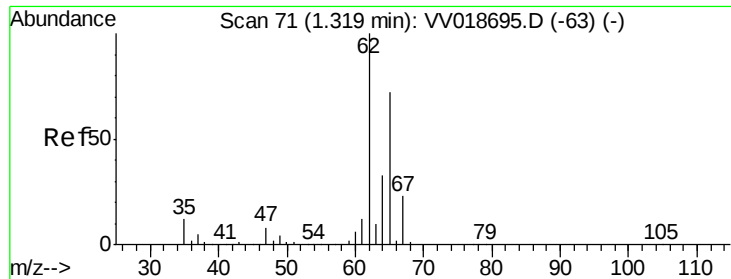
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.723 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

Instrument :

MSVOA_V

ClientSampled :

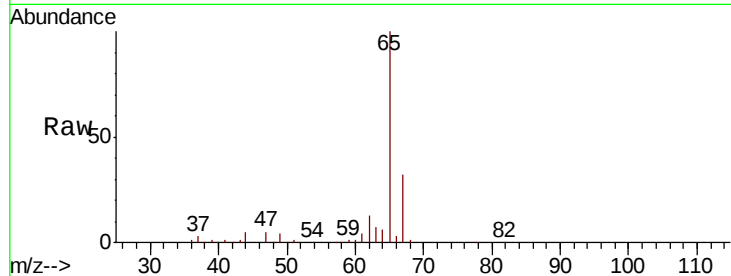
C0AH7

Tot Ion: 62 Resp: 9965

Ion Ratio Lower Upper

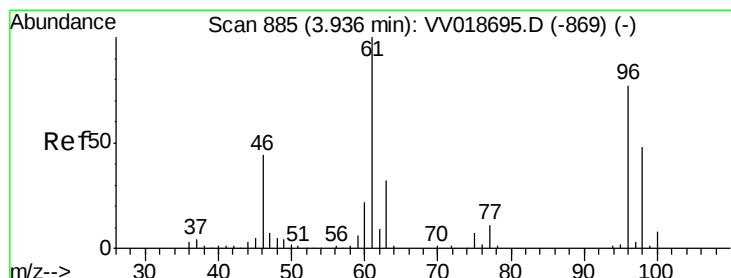
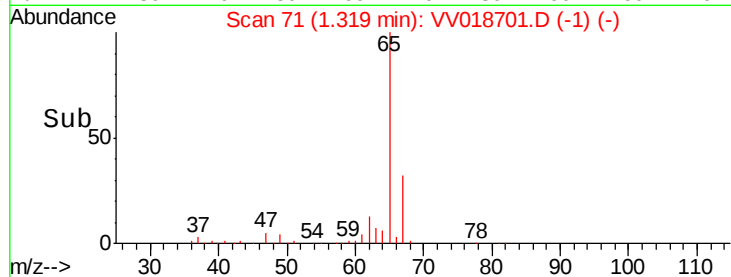
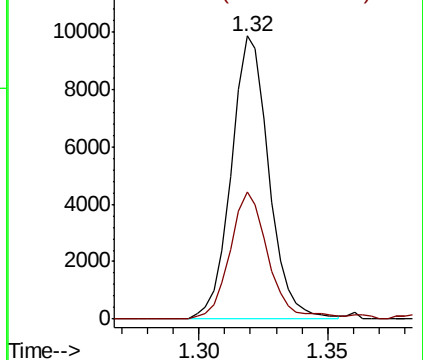
62 100

64 44.8 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 16.398 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

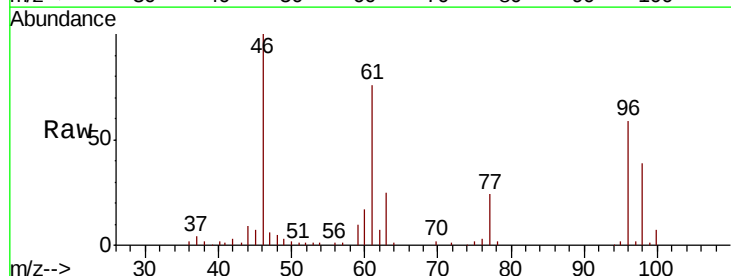
Tgt Ion: 96 Resp: 34334

Ion Ratio Lower Upper

96 100

61 130.1 86.8 161.2

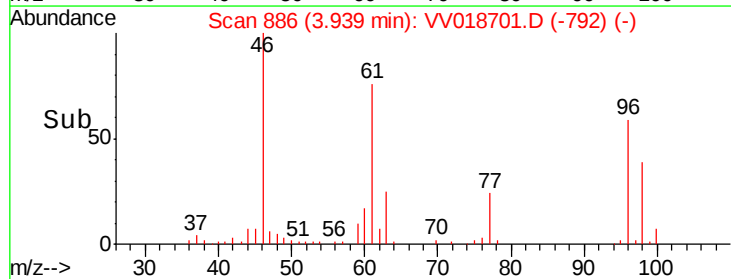
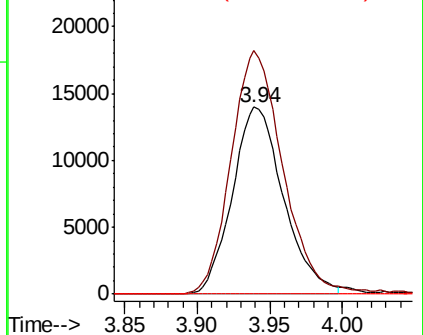
68 0.0 0.0 0.0

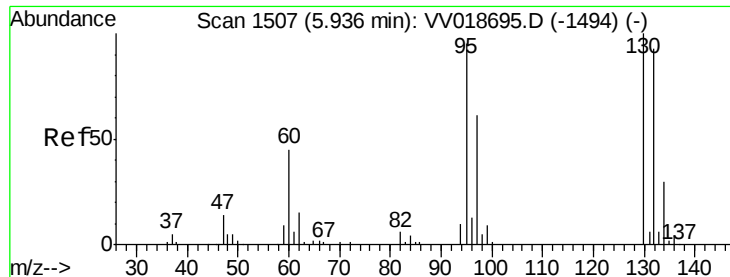


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 7.177 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

Instrument :

MSVOA_V

ClientSampleId :

C0AH7

Tot Ion: 95 Resp: 16887

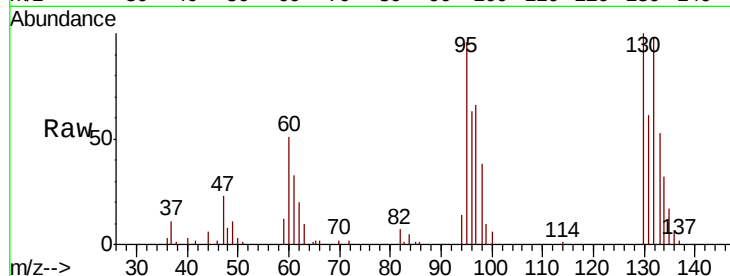
Ion Ratio Lower Upper

95 100

97 68.7 45.9 85.3

132 102.2 70.8 131.4

130 103.9 75.3 139.8



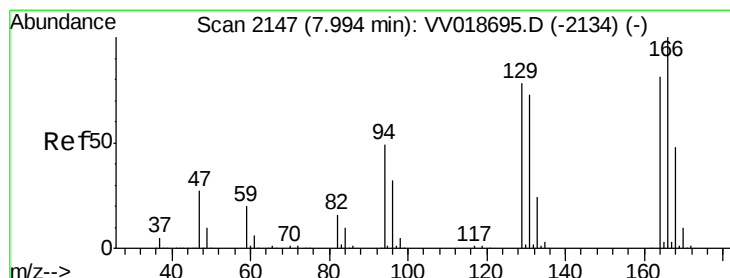
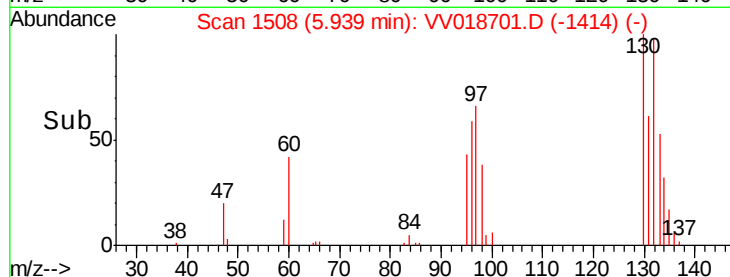
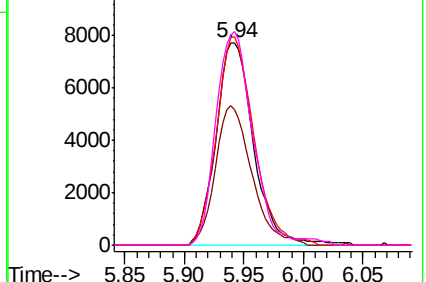
Abundance

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: 36.890 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018701.D

Acq: 06 Oct 2020 20:24

Tgt Ion: 164 Resp: 70417

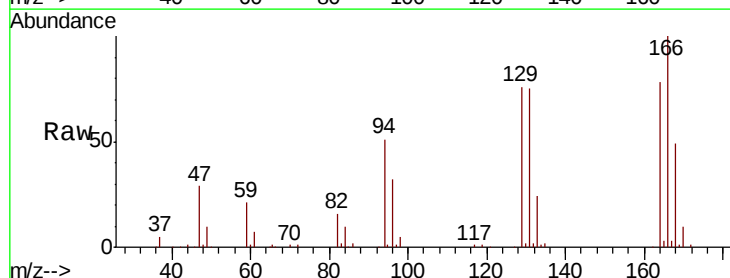
Ion Ratio Lower Upper

164 100

129 97.6 62.8 116.6

131 96.5 60.8 112.8

166 128.9 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

