

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016583.D
 Acq On : 06 Jun 2020 12:30
 Operator : SY/MD
 Sample : L2895-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0G8

Quant Time: Jun 07 00:12:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301041	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	101630	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.32%
7) Chloroethane-d5	1.56	69	76494	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.38%
11) 1,1-Dichloroethene-d2	2.12	63	144725	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	3.89	46	193293	141.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.77%#
24) Chloroform-d	4.37	84	228911	57.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.42%
26) 1,2-Dichloroethane-d4	5.05	65	163277	60.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.86%
32) Benzene-d6	5.07	84	463716	60.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.82%
36) 1,2-Dichloropropane-d6	6.09	67	146786	61.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.76%#
41) Toluene-d8	7.34	98	410537	59.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.76%
43) trans-1,3-Dichloropropene-	7.64	79	67829	58.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.36%
47) 2-Hexanone-d5	8.11	63	141195	138.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.99%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197452	61.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.76%#
64) 1,2-Dichlorobenzene-d4	11.65	152	169842	68.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.82%#

Target Compounds

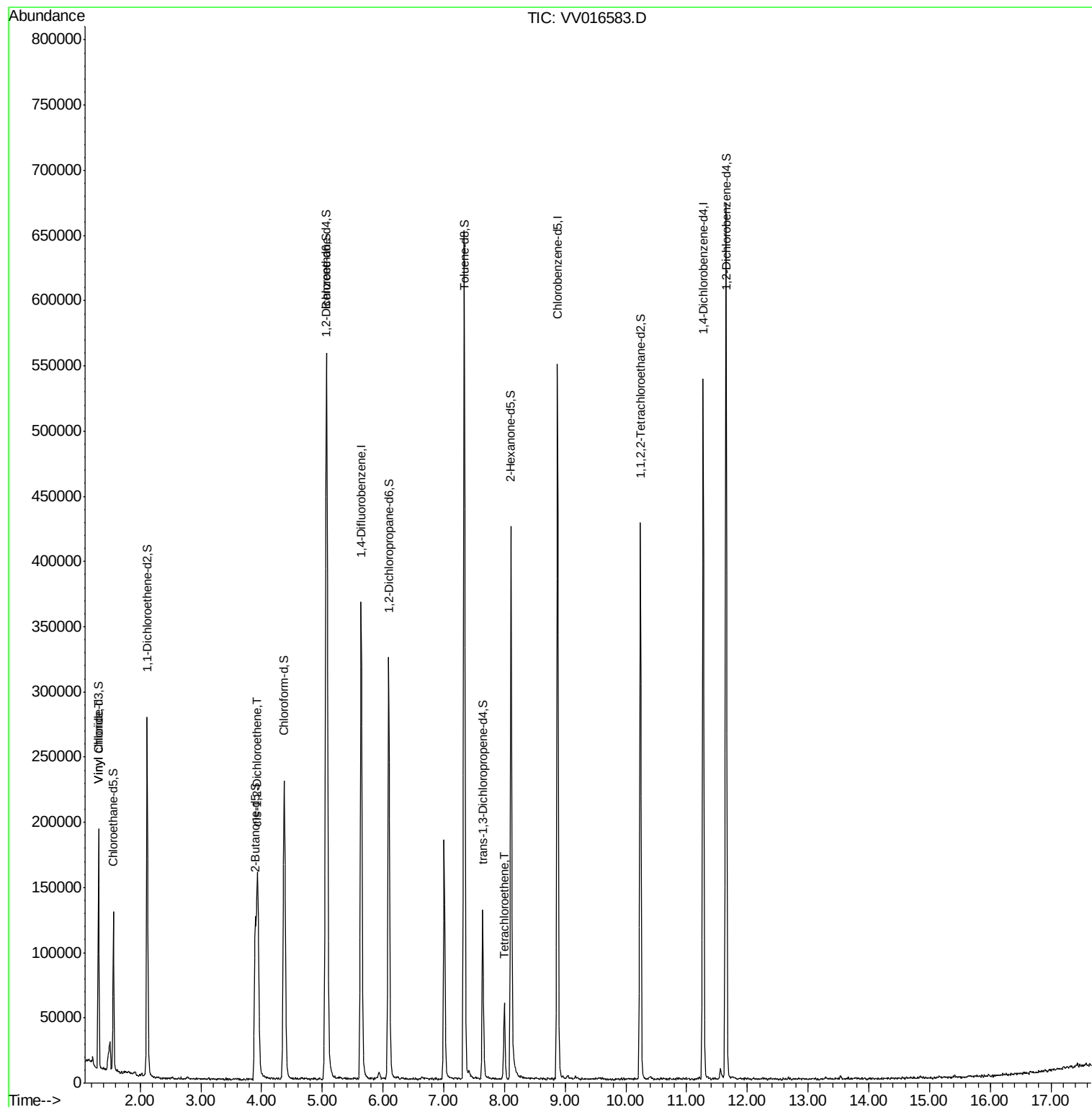
					Ovalue
5) Vinyl chloride	1.32	62	9167	3.964	ug/L # 70
20) cis-1,2-Dichloroethene	3.94	96	78377	34.439	ug/L 100
46) Tetrachloroethene	8.00	164	12558	7.427	ug/L 95

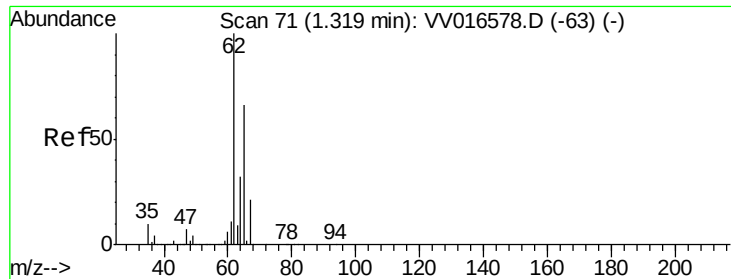
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.964 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

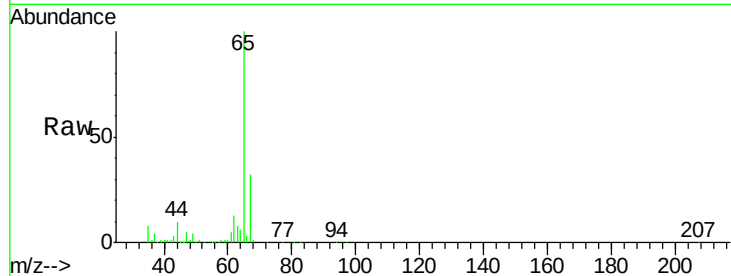
EW0G8

Tot Ion: 62 Resp: 9167

Ion Ratio Lower Upper

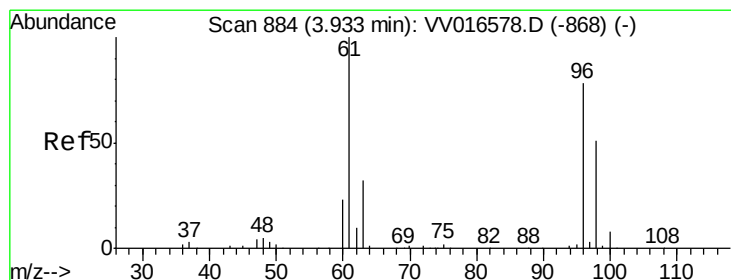
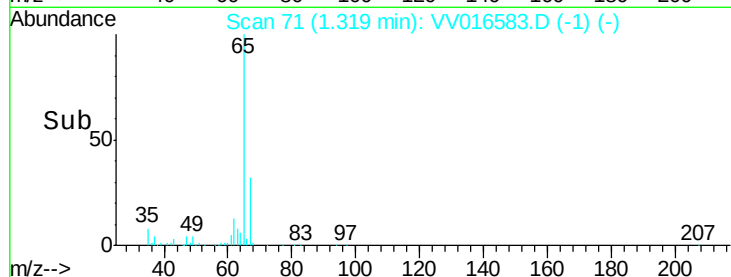
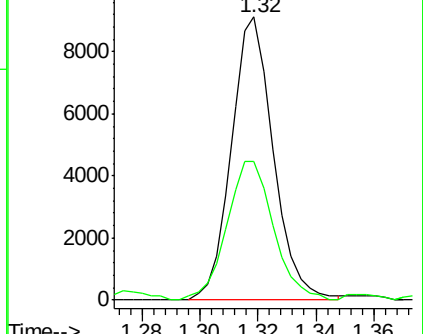
62 100

64 49.2 22.7 42.1#



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: 34.439 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

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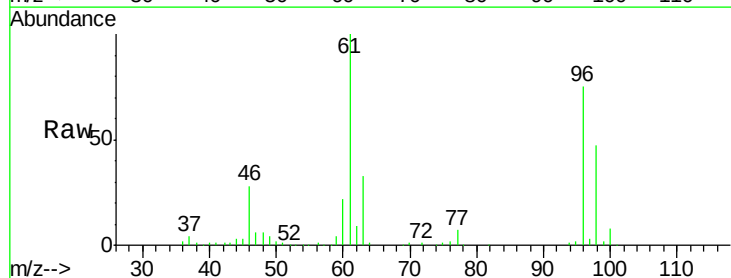
Tgt Ion: 96 Resp: 78377

Ion Ratio Lower Upper

96 100

61 132.9 93.4 173.4

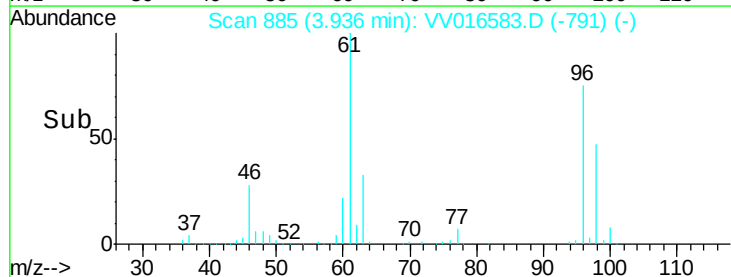
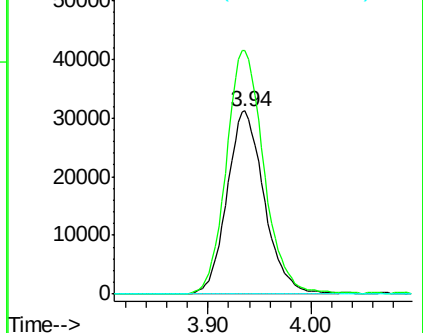
68 0.0 0.0 0.0

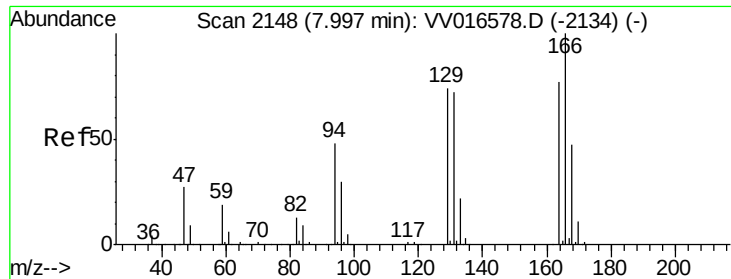


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#46

Tetrachloroethene

Concen: 7.427 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016583.D

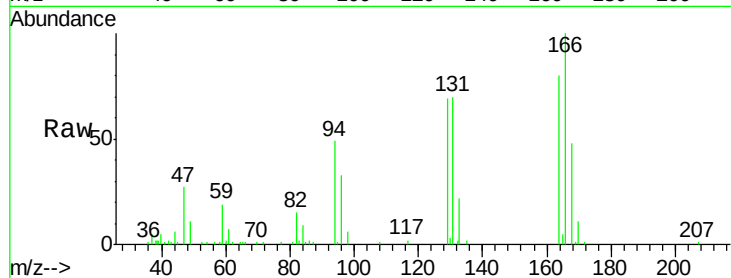
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Tot Ion:164 Resp: 12558

Ion Ratio Lower Upper

164 100

129 86.3 67.7 125.7

131 87.4 63.8 118.6

166 124.9 88.7 164.7

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

