

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017989.D
 Acq On : 14 Aug 2020 11:56
 Operator : SY/MD
 Sample : L3644-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M08

Quant Time: Aug 17 02:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	103793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96472	57.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.62%
7) Chloroethane-d5	1.58	69	82285	59.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.50%
11) 1,1-Dichloroethene-d2	2.12	63	142667	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.62%
21) 2-Butanone-d5	3.91	46	121417	110.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.13%
24) Chloroform-d	4.38	84	167902	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.58%
26) 1,2-Dichloroethane-d4	5.06	65	118755	59.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.34%
32) Benzene-d6	5.08	84	350496	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.09	67	112974	56.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.78%
41) Toluene-d8	7.34	98	308952	56.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.12%
43) trans-1,3-Dichloropropene-	7.64	79	50141	55.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.34%
47) 2-Hexanone-d5	8.11	63	62687	98.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137816	53.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	125075	61.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.46%#

Target Compounds

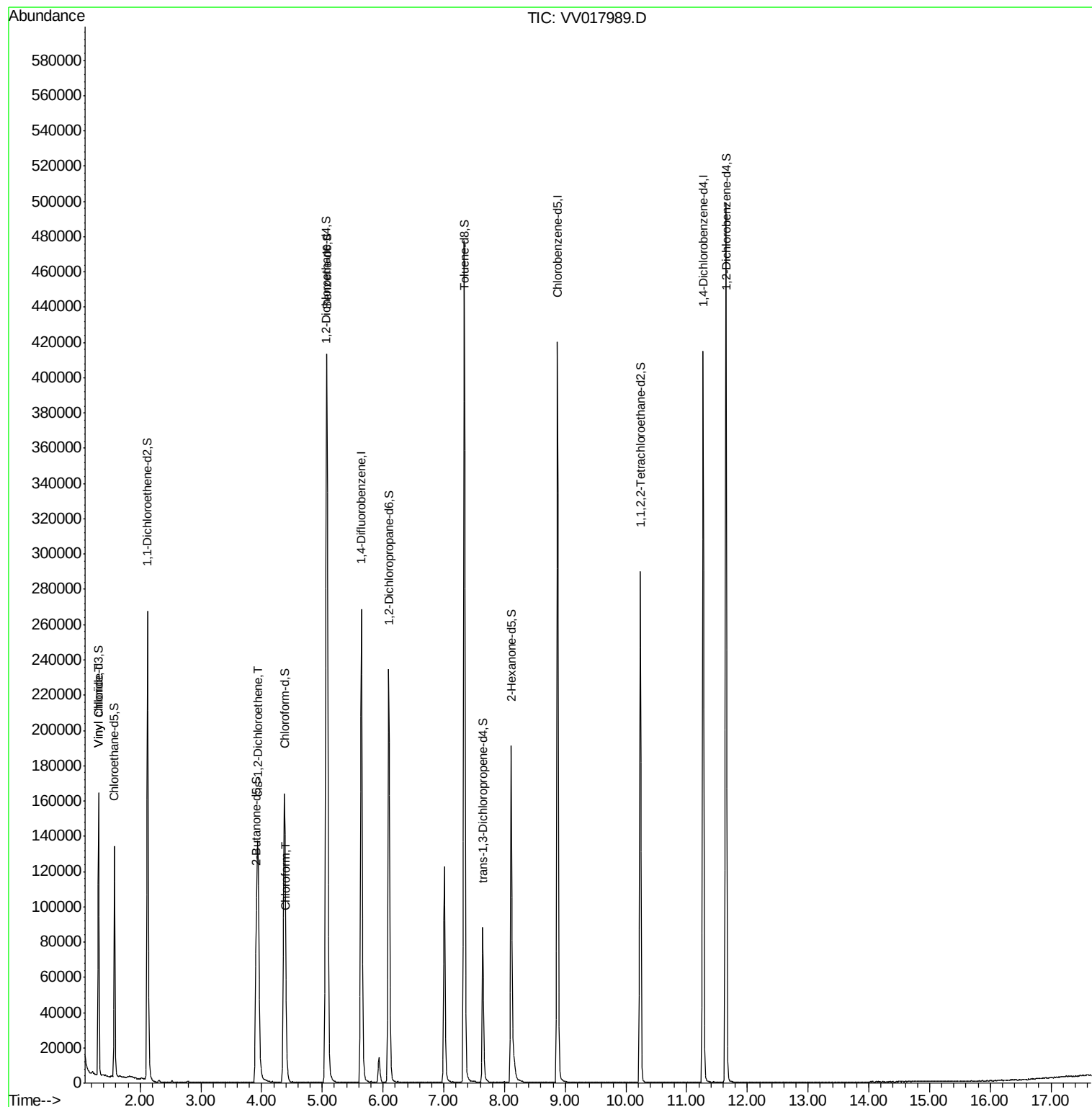
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2195	1.120	ug/L	# 1
20) cis-1,2-Dichloroethene	3.94	96	64178	38.389	ug/L	100
25) Chloroform	4.41	83	7464	2.392	ug/L	95

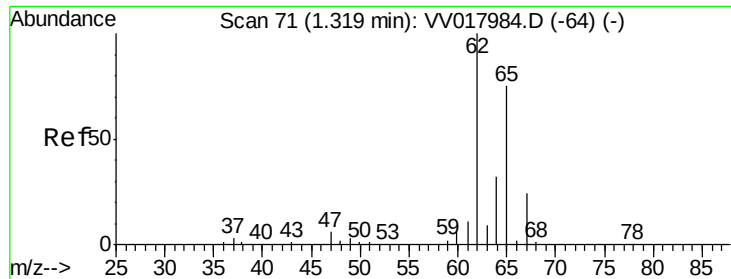
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.120 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

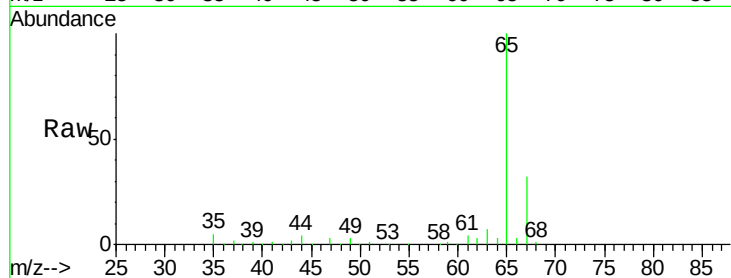
F2M08

Tot Ion: 62 Resp: 2195

Ion Ratio Lower Upper

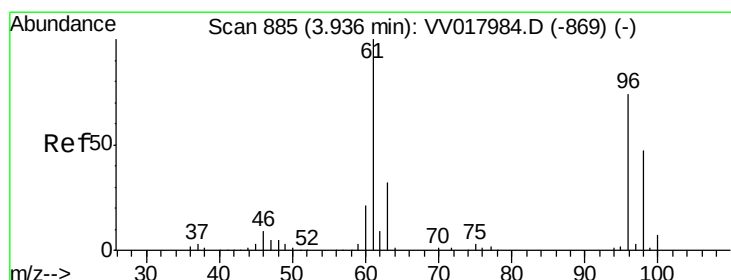
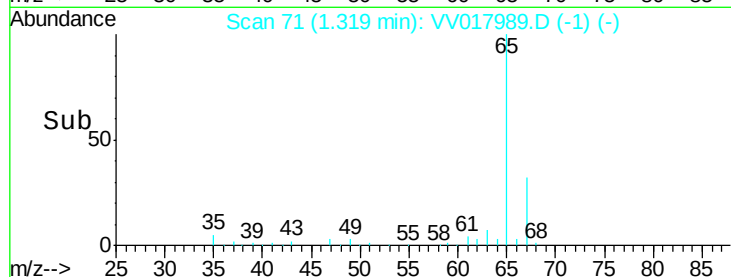
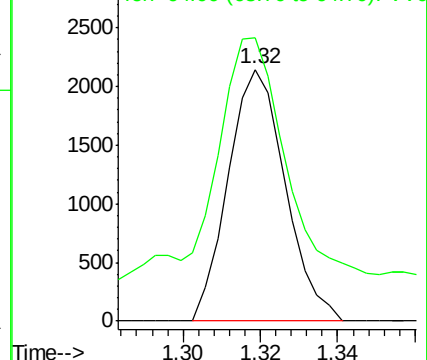
62 100

64 112.4 22.4 41.6#



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: 38.389 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

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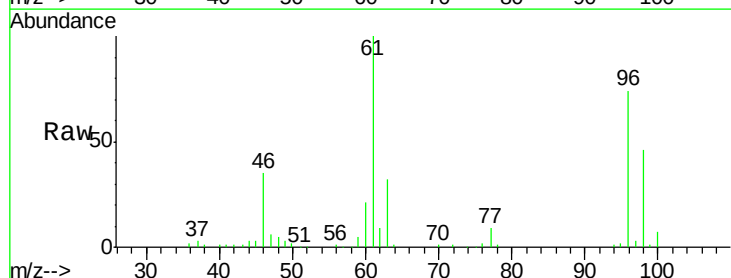
Tgt Ion: 96 Resp: 64178

Ion Ratio Lower Upper

96 100

61 135.4 95.0 176.4

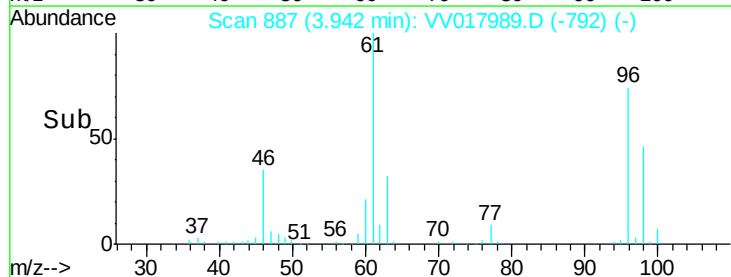
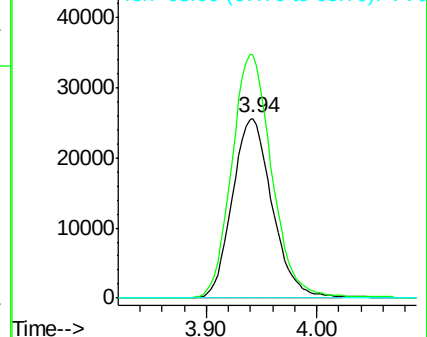
68 0.0 0.0 0.0

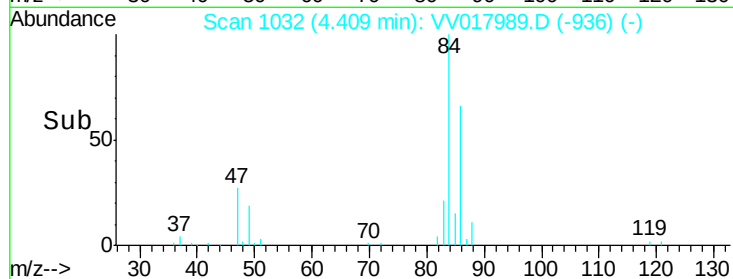
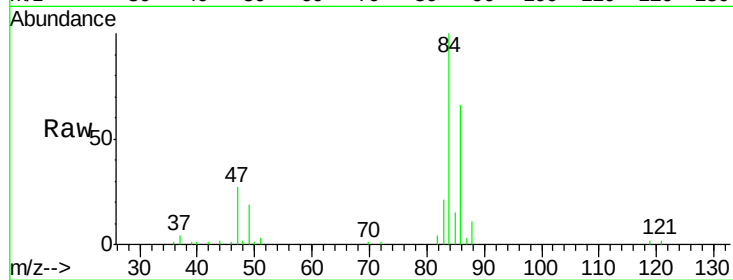
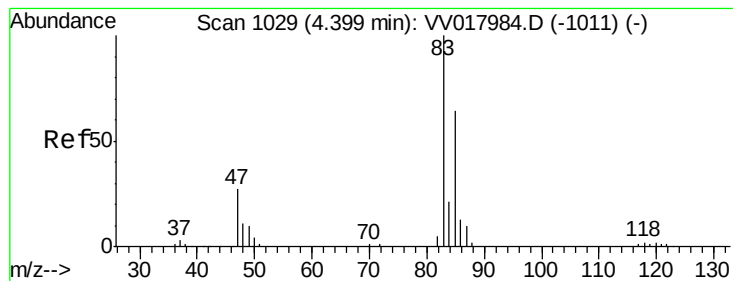


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#25

Chloroform

Concen: 2.392 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

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Tot Ion: 83 Resp: 7464

Ion Ratio Lower Upper

83 100

85 68.6 45.5 84.5

