

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017842.D
 Acq On : 07 Aug 2020 16:03
 Operator : SY/MD
 Sample : VIBLK50
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:26:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238360	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65277	55.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.98%
7) Chloroethane-d5	1.58	69	55820	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.14%
11) 1,1-Dichloroethene-d2	2.12	63	121975	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
21) 2-Butanone-d5	3.91	46	78346	88.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.38	84	161253	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
26) 1,2-Dichloroethane-d4	5.06	65	124494	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
32) Benzene-d6	5.08	84	277373	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.09	67	71755	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.34	98	278790	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%
43) trans-1,3-Dichloropropene-	7.64	79	26566	25.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.62%#
47) 2-Hexanone-d5	8.11	63	47474	70.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	105150	44.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	139032	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

Target Compounds

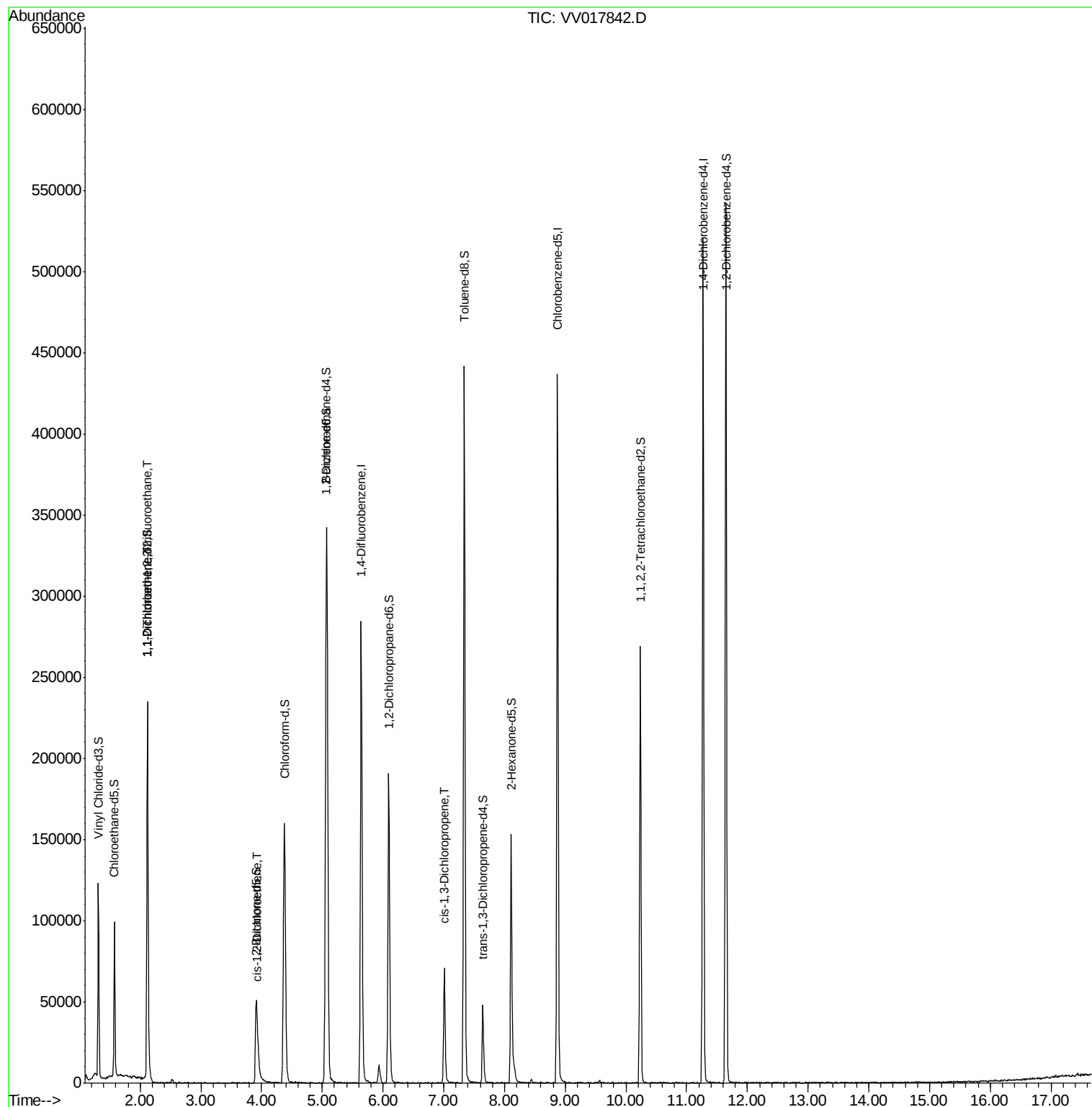
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1197	0.770 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1269	0.874 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	1115	0.638 ug/L	89
39) cis-1,3-Dichloropropene	7.01	75	1757	0.646 ug/L #	73

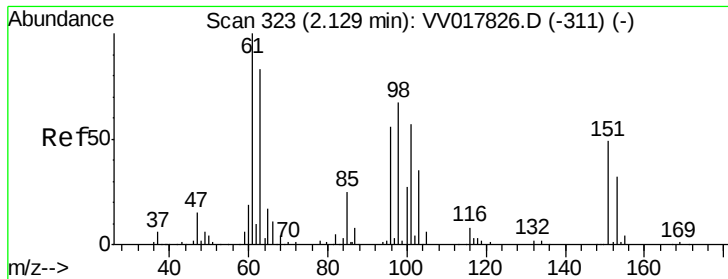
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.770 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017842.D

Acq: 07 Aug 2020 16:03

Instrument :

MSVOA_V

ClientSampled :

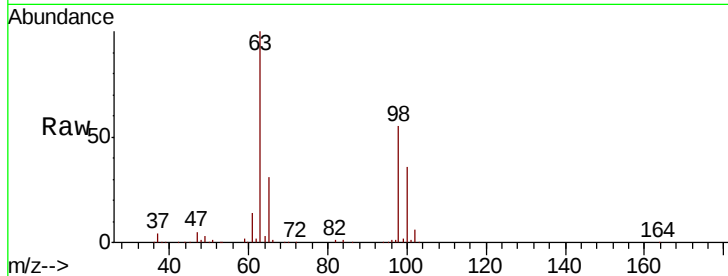
Tot Ion:101 Resp: 1197

Ion Ratio Lower Upper

101 100

85 6.2 37.2 55.8#

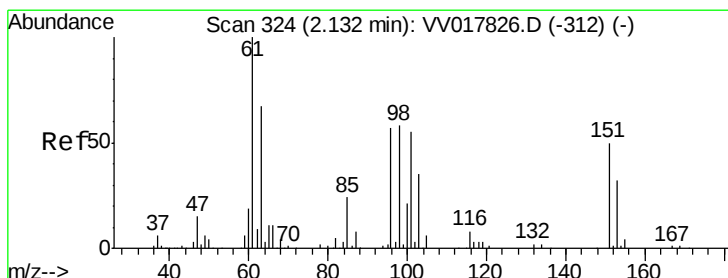
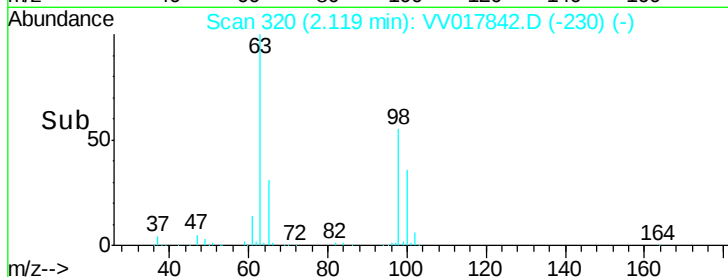
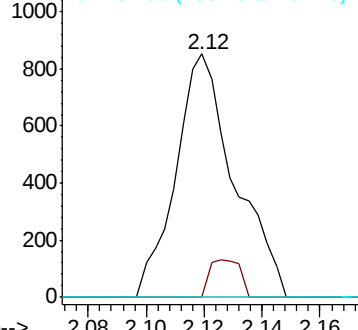
151 0.0 68.2 102.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.874 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017842.D

Acq: 07 Aug 2020 16:03

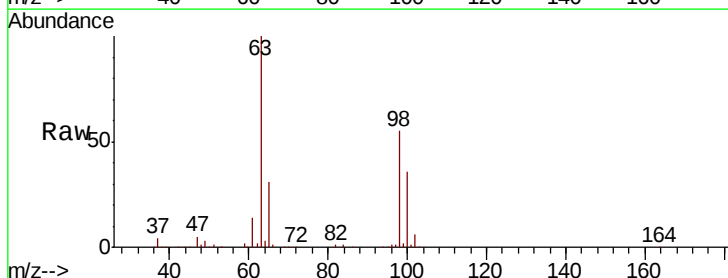
Tgt Ion: 96 Resp: 1269

Ion Ratio Lower Upper

96 100

61 1419.0 131.0 243.2#

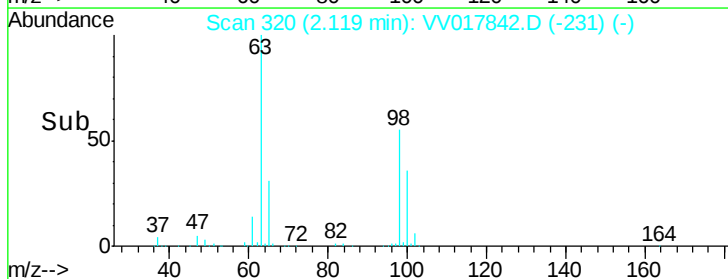
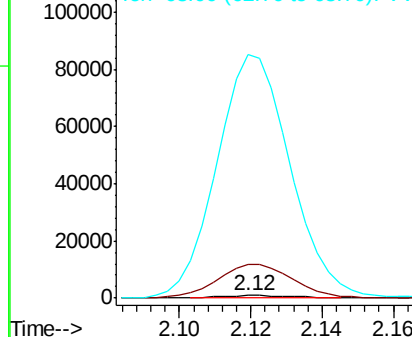
63 10092.9 88.5 164.3#

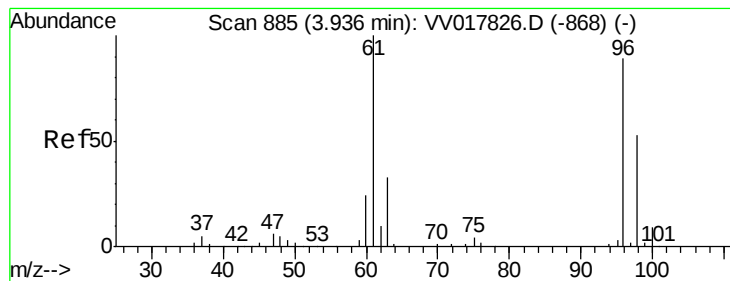


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 0.638 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

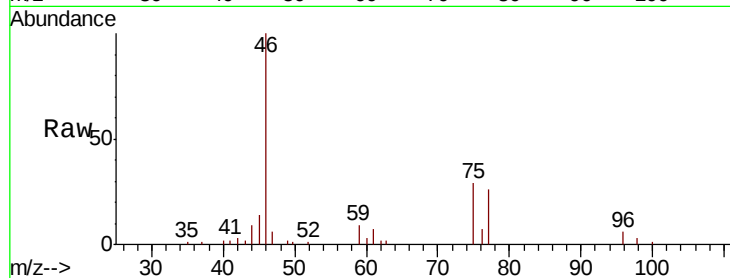
Tot Ion: 96 Resp: 1115

Ion Ratio Lower Upper

96 100

61 111.9 87.3 162.1

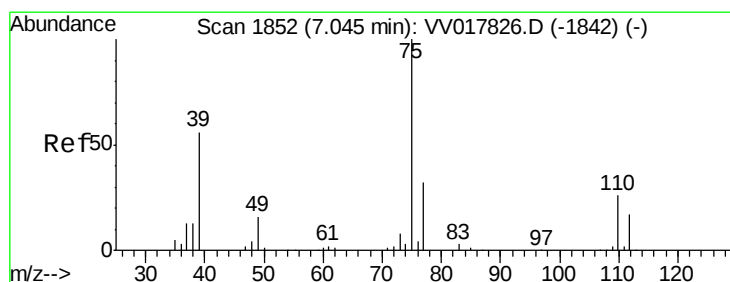
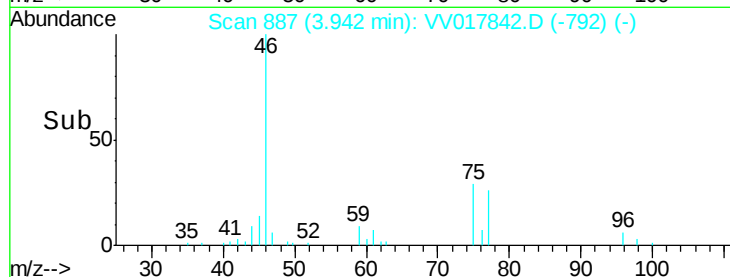
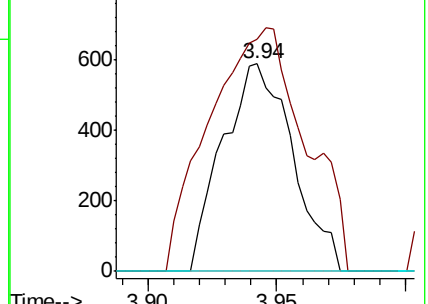
68 0.0 0.0 0.0



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



#39

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017842.D

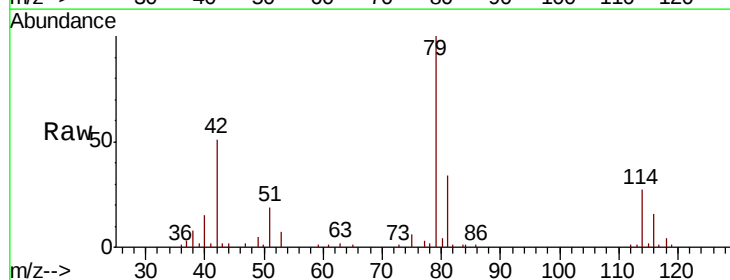
Acq: 07 Aug 2020 16:03

Tgt Ion: 75 Resp: 1757

Ion Ratio Lower Upper

75 100

77 48.4 23.2 43.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

