

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012775.D
 Acq On : 14 Sep 2019 18:58
 Operator : SY/MD
 Sample : K4867-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMG7

Quant Time: Sep 16 05:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 04:57:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	689343	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	636085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161809	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.58	69	162939	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	299426	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
21) 2-Butanone-d5	3.92	46	431408	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.40	84	473427	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.08	65	305693	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.10	84	874837	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
36) 1,2-Dichloropropane-d6	6.12	67	322310	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.64%
41) Toluene-d8	7.36	98	748232	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.66	79	122237	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
47) 2-Hexanone-d5	8.13	63	223096	97.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	376480	49.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	294392	57.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.36%

Target Compounds

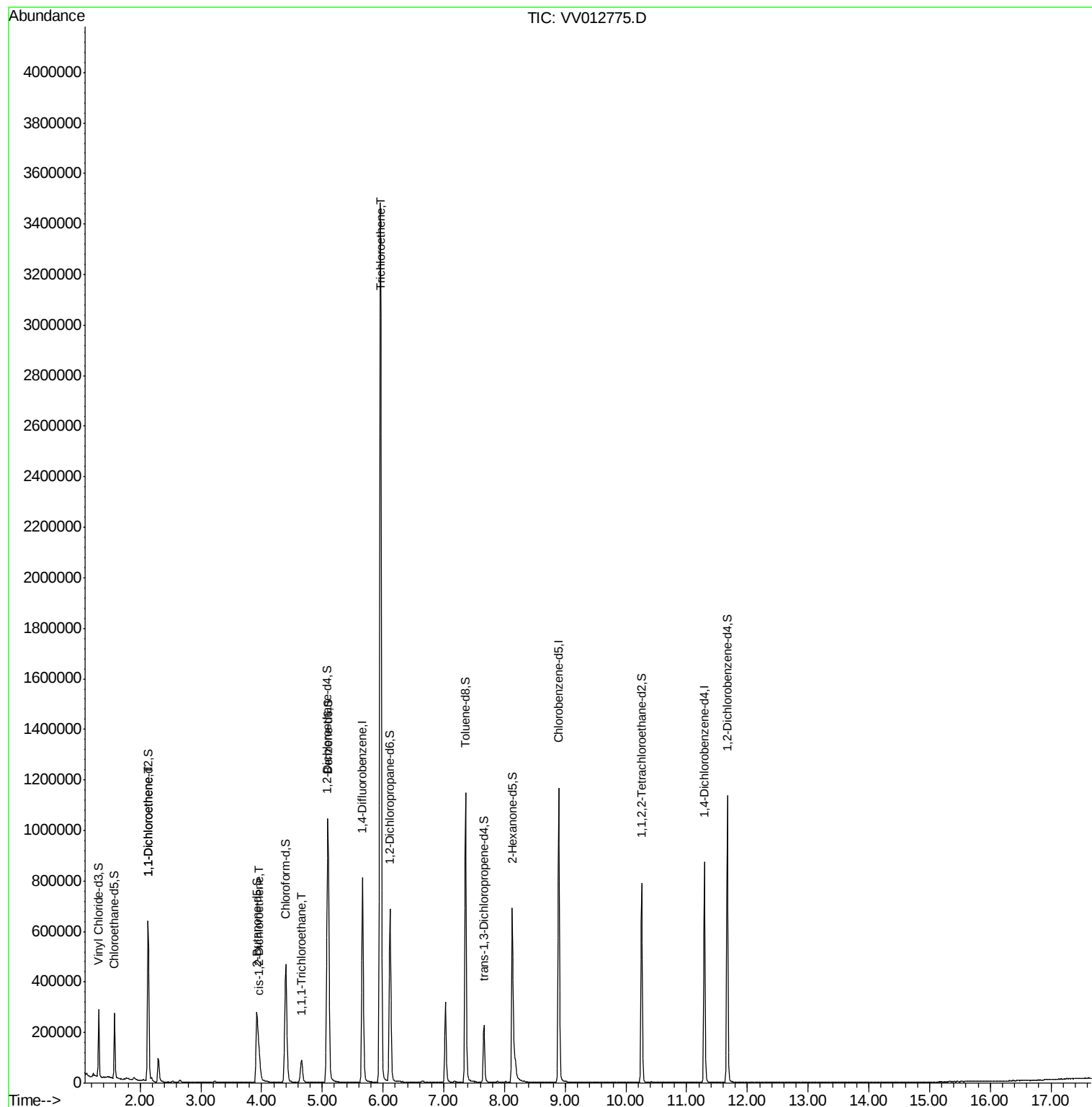
					Ovalue
12) 1,1-Dichloroethene	2.14	96	71447	19.662 ug/L	# 71
20) cis-1,2-Dichloroethene	3.96	96	41268	8.397 ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	67278	10.115 ug/L	98
34) Trichloroethene	5.96	95	1162440	231.124 ug/L	99

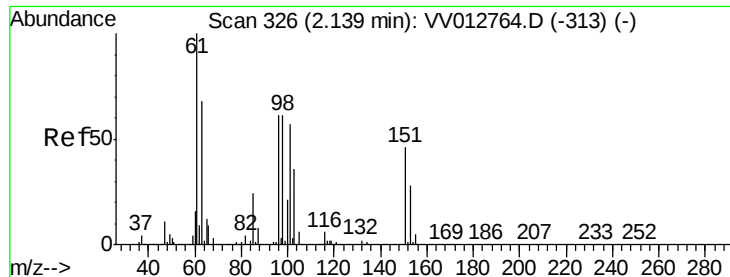
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 19.662 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012775.D

Acq: 14 Sep 2019 18:58

Instrument :

MSVOA_V

ClientSampled :

C0MG7

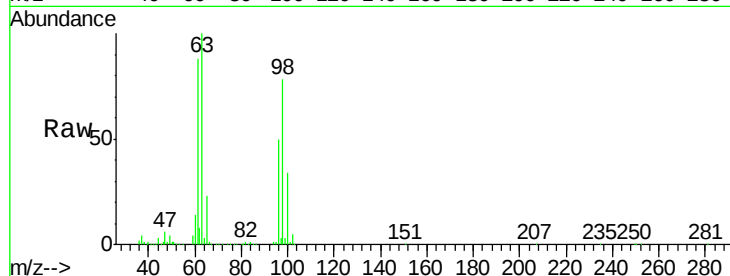
Tot Ion: 96 Resp: 71447

Ion Ratio Lower Upper

96 100

61 175.2 118.0 219.2

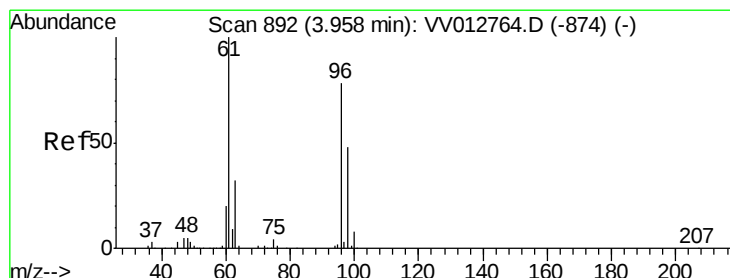
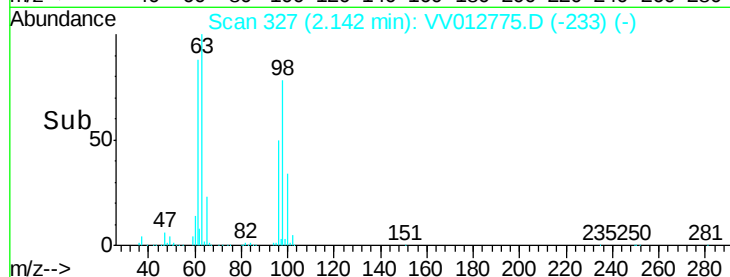
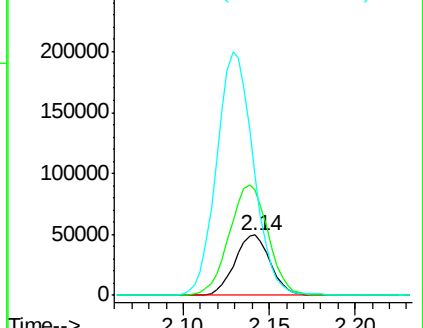
63 198.9 89.2 165.6#



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: 8.397 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012775.D

Acq: 14 Sep 2019 18:58

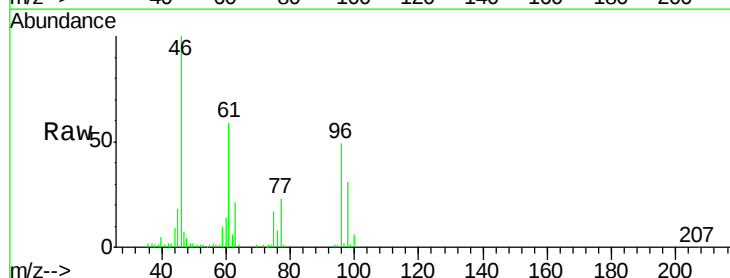
Tgt Ion: 96 Resp: 41268

Ion Ratio Lower Upper

96 100

61 120.1 90.6 168.3

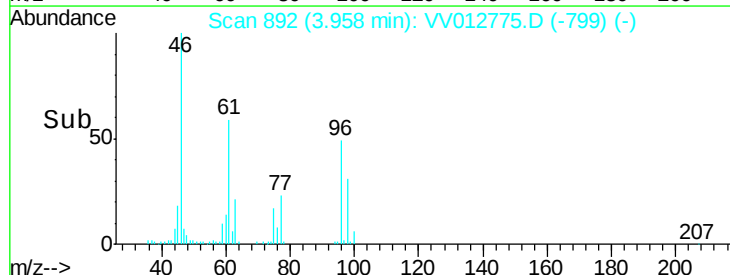
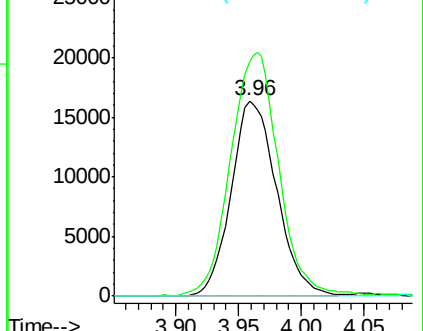
68 0.0 0.0 0.0

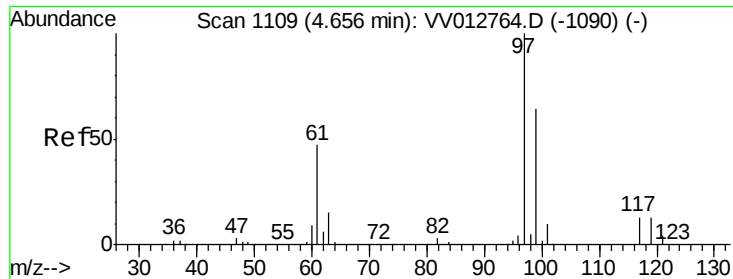


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#30

1,1,1-Trichloroethane

Concen: 10.115 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VV012775.D

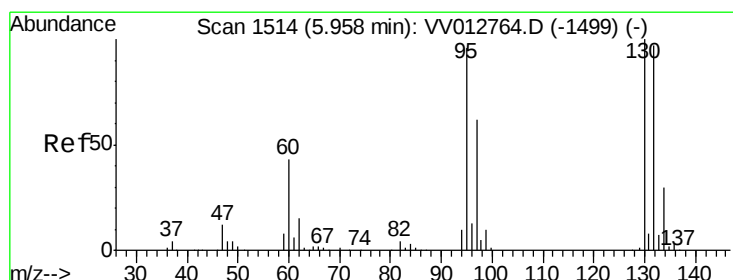
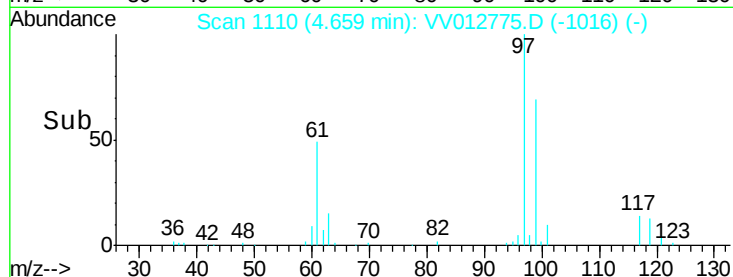
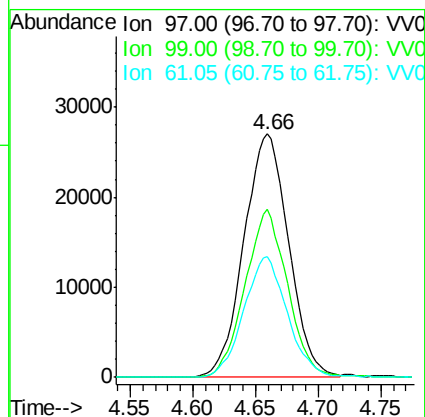
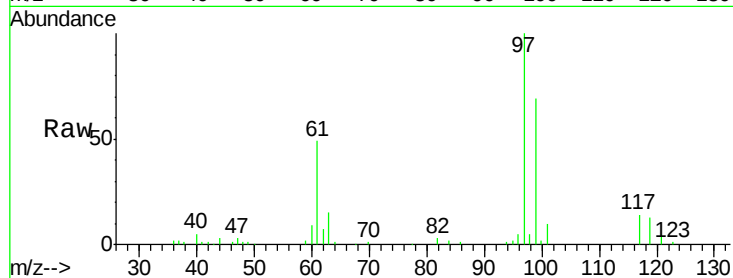
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Tot Ion: 97 Resp: 67278

Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.6	75.8
61	48.0	37.8	56.8



#34

Trichloroethene

Concen: 231.124 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012775.D

Acq: 14 Sep 2019 18:58

Tgt Ion: 95 Resp: 1162440

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.9
132	100.9	70.6	131.0
130	103.9	74.6	138.6

