

Data File : VV012777.D
Acq On : 14 Sep 2019 19:47
Operator : SY/MD
Sample : K4867-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMG9

Quant Time: Sep 16 05:01:26 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	721430	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	667584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232974	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	155863	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	162218	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.66%
11) 1,1-Dichloroethene-d2	2.13	63	264284	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.92	46	431431	101.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.75%
24) Chloroform-d	4.40	84	471182	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.08	65	304963	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.10	84	875570	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
36) 1,2-Dichloropropane-d6	6.12	67	322867	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.72%
41) Toluene-d8	7.36	98	737561	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	7.66	79	119576	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.13	63	227151	94.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	379988	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.67	152	289945	54.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.06%

Target Compounds

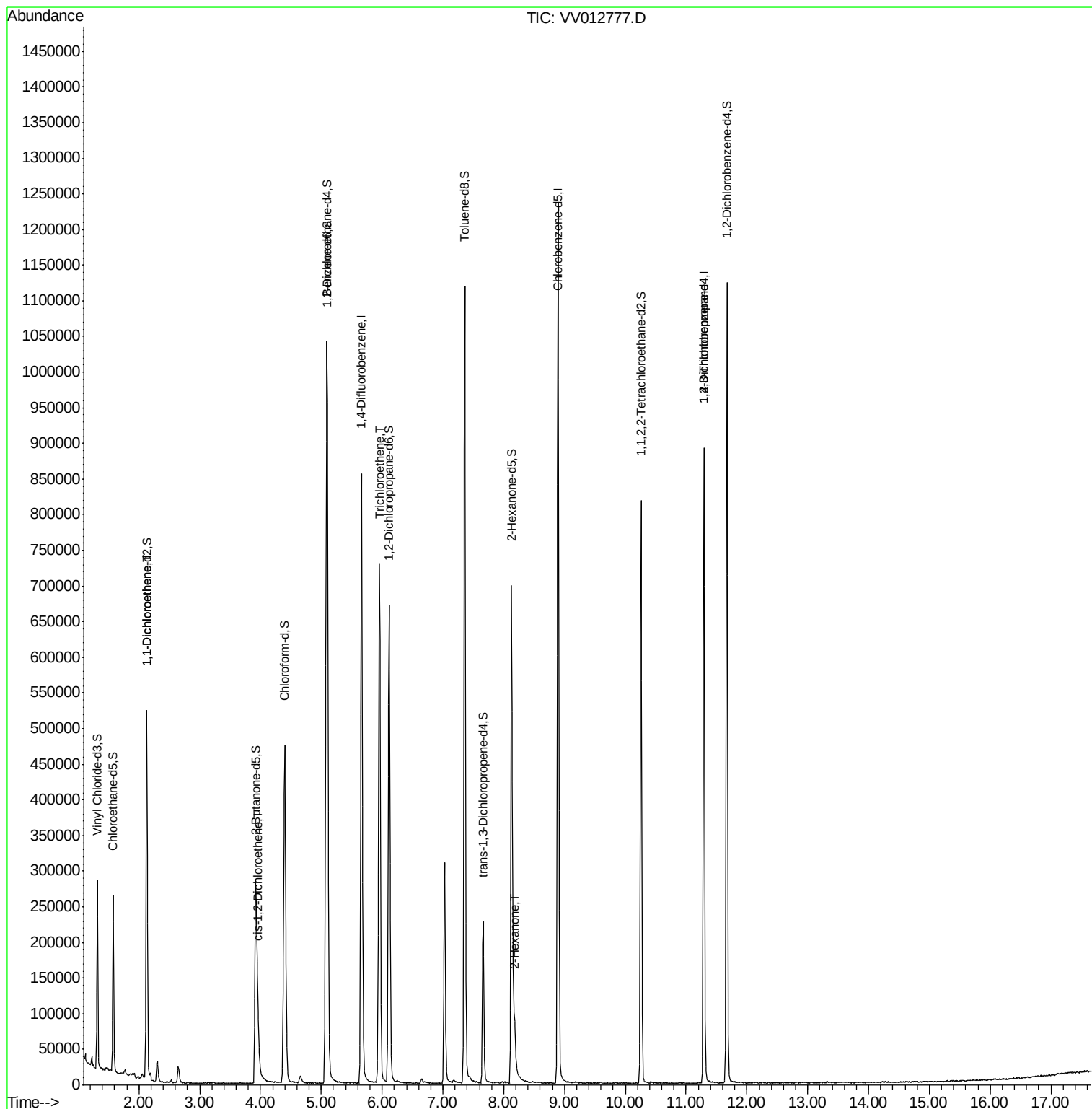
					Qvalue
12) 1,1-Dichloroethene	2.14	96	17455	4.590 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	17400	3.383 ug/L	98
34) Trichloroethene	5.96	95	230431	43.654 ug/L	96
48) 2-Hexanone	8.18	43	46476	7.926 ug/L #	84
59) 1,2,3-Trichloropropane	11.29	75	28341	4.264 ug/L	100

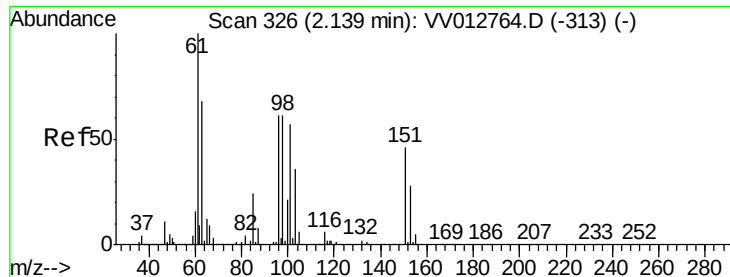
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.590 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0MG9

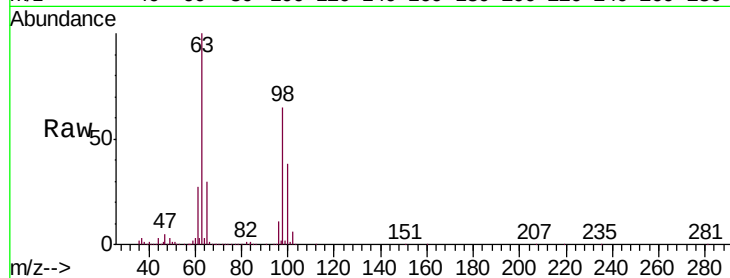
Tgt Ion: 96 Resp: 17455

Ion Ratio Lower Upper

96 100

61 239.0 118.0 219.2#

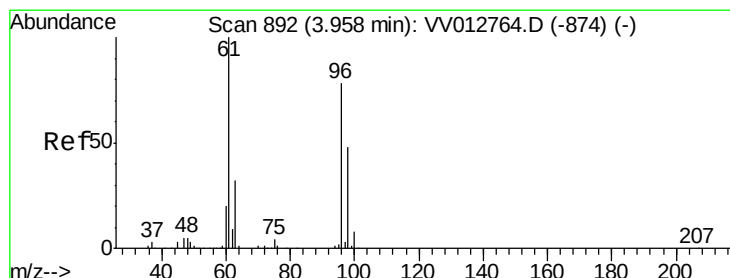
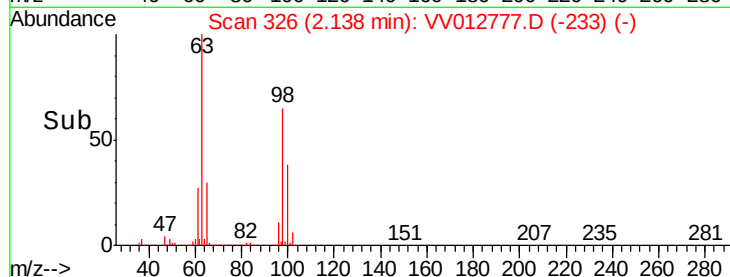
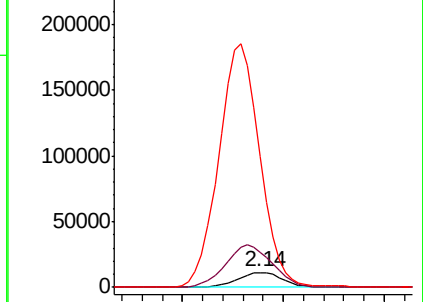
63 880.4 89.2 165.6#



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: 3.383 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

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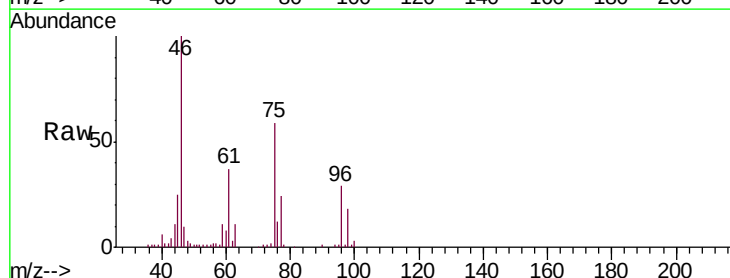
Tgt Ion: 96 Resp: 17400

Ion Ratio Lower Upper

96 100

61 127.3 90.6 168.3

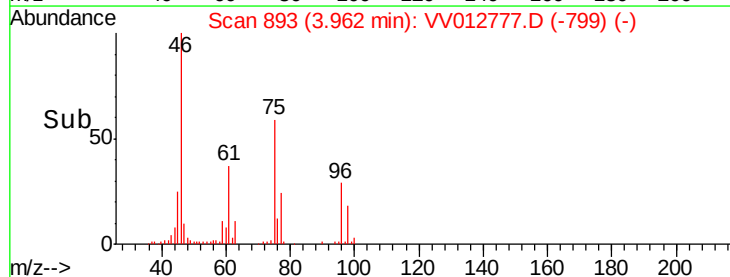
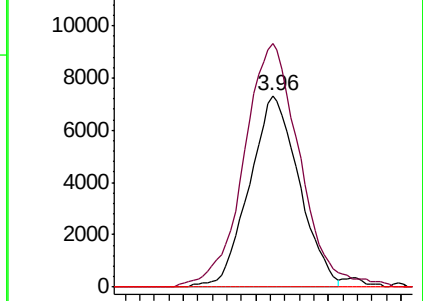
68 0.0 0.0 0.0

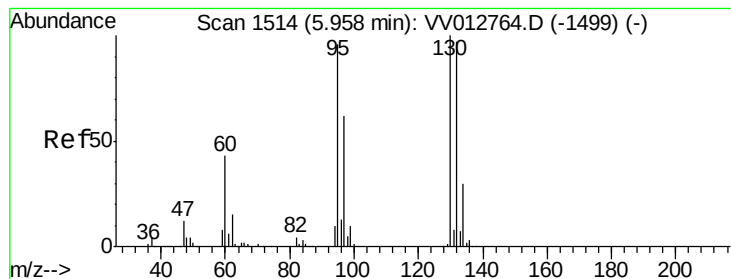


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 43.654 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0MG9

Tgt Ion: 95 Resp: 230431

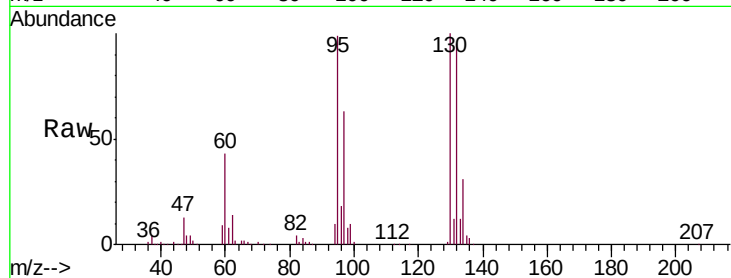
Ion Ratio Lower Upper

95 100

97 63.5 45.1 83.9

132 96.0 70.6 131.0

130 101.4 74.6 138.6

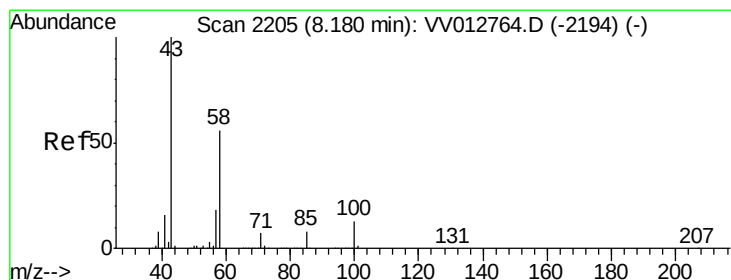
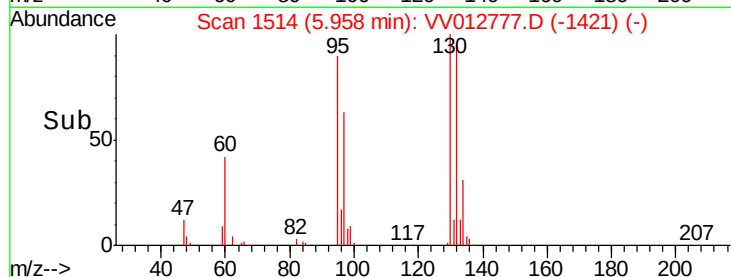
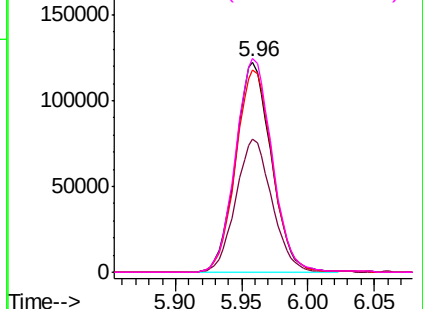


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 7.926 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 46476

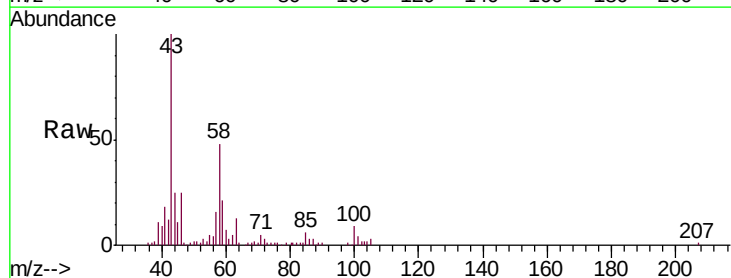
Ion Ratio Lower Upper

43 100

58 40.4 43.8 65.8#

57 13.3 14.3 21.5#

100 9.0 9.8 14.8#

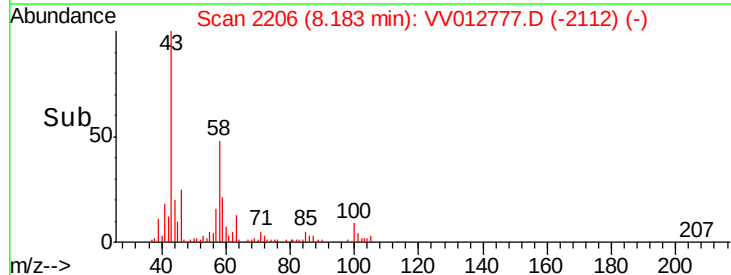
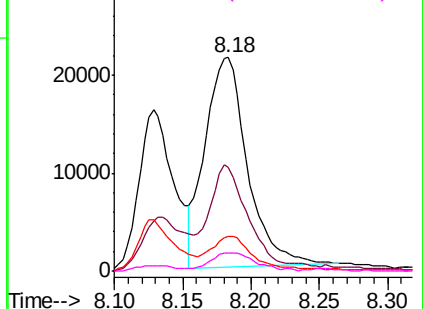


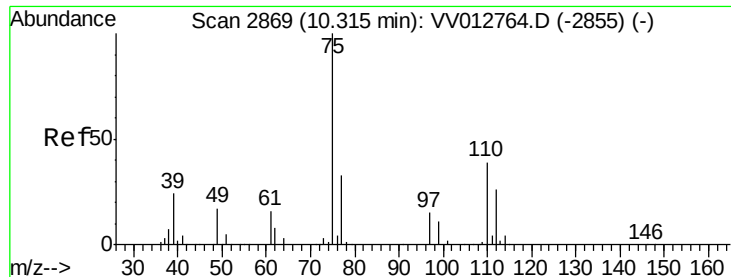
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.264 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

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C0MG9

Tgt Ion: 75 Resp: 28341

Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9

