

Data File : VV012772.D
Acq On : 14 Sep 2019 17:45
Operator : SY/MD
Sample : K4867-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MG4

Quant Time: Sep 16 05:00:42 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	710500	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	656977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161493	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.22%
7) Chloroethane-d5	1.58	69	164057	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.13	63	257234	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	3.92	46	454868	108.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.93%
24) Chloroform-d	4.40	84	473446	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
26) 1,2-Dichloroethane-d4	5.08	65	310294	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.10	84	871410	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	319766	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.38%
41) Toluene-d8	7.36	98	729842	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.66	79	119297	46.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.58%
47) 2-Hexanone-d5	8.13	63	236310	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	378352	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.67	152	291958	55.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.84%

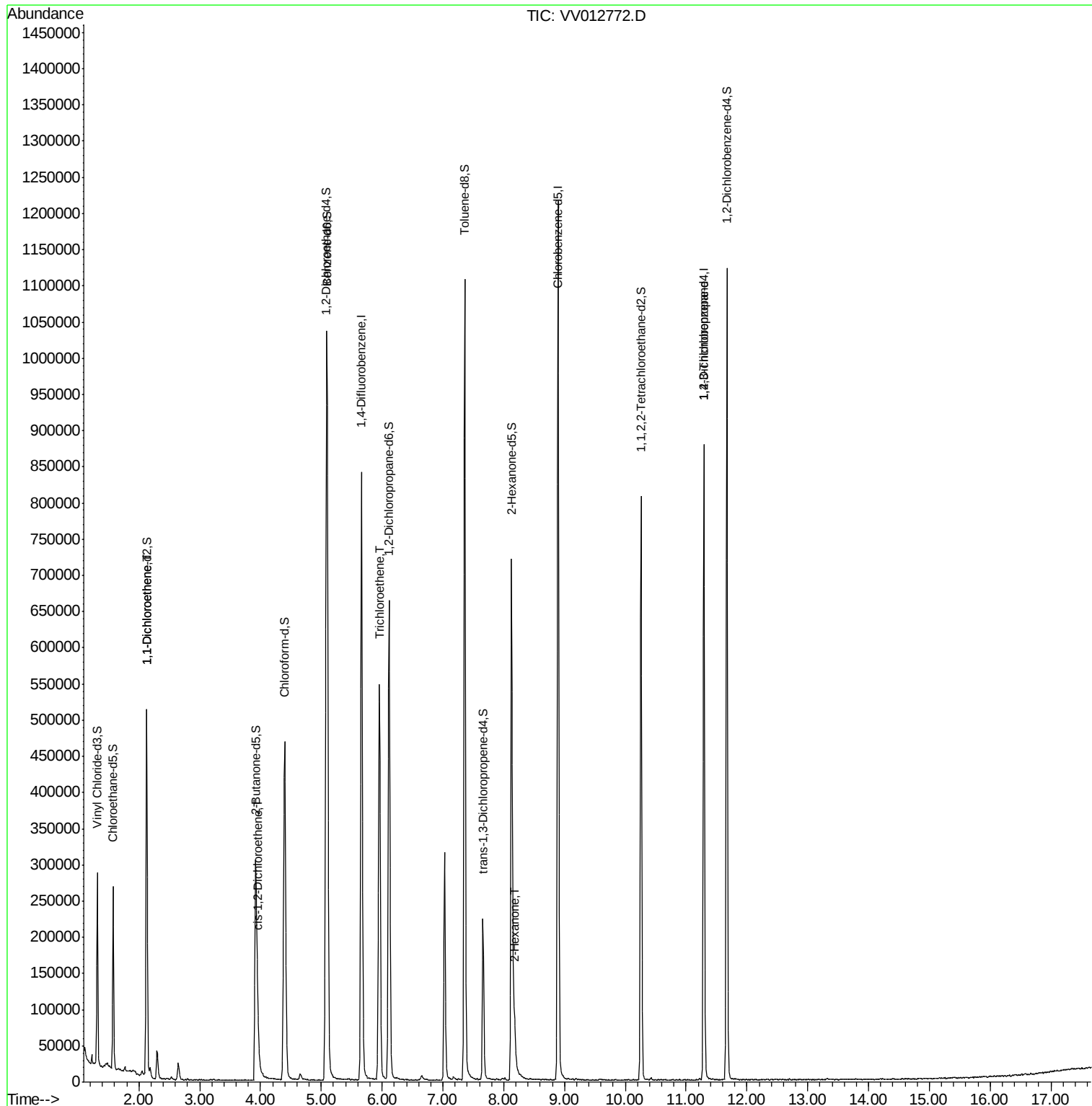
Target Compounds

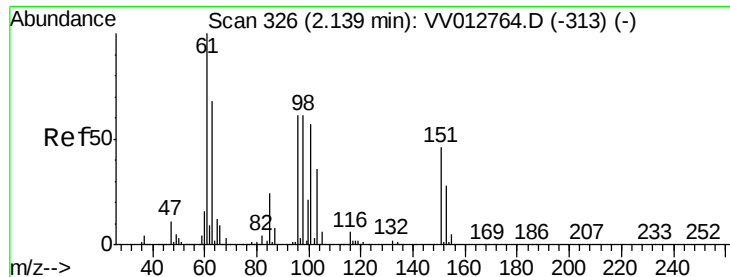
					Qvalue
12) 1,1-Dichloroethene	2.14	96	12677	3.385 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	12387	2.445 ug/L	98
34) Trichloroethene	5.96	95	164765	31.718 ug/L	97
48) 2-Hexanone	8.18	43	46373	8.036 ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	28113	4.298 ug/L	93

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

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#12

1,1-Dichloroethene

Concen: 3.385 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

C0MG4

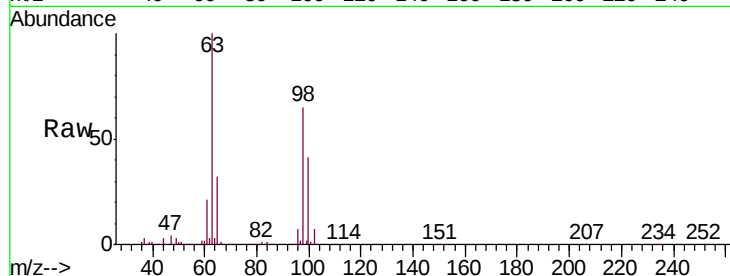
Tgt Ion: 96 Resp: 12677

Ion Ratio Lower Upper

96 100

61 307.6 118.0 219.2#

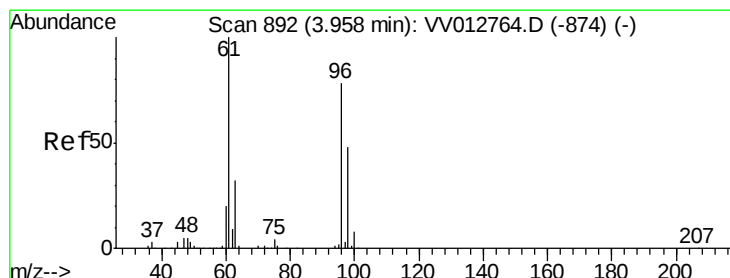
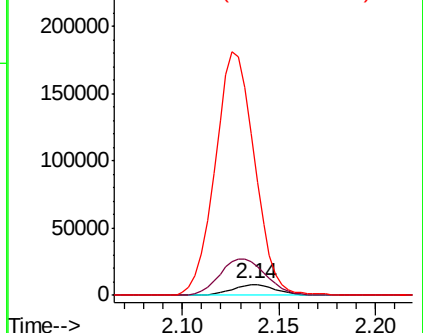
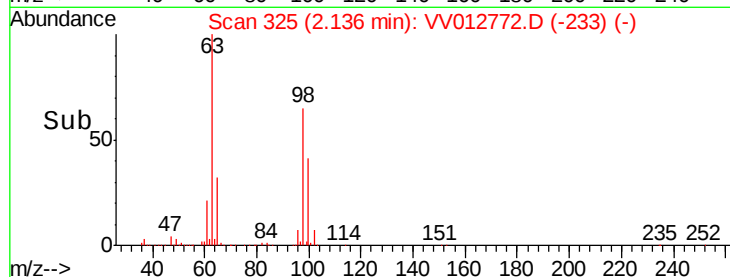
63 1485.7 89.2 165.6#



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: 2.445 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

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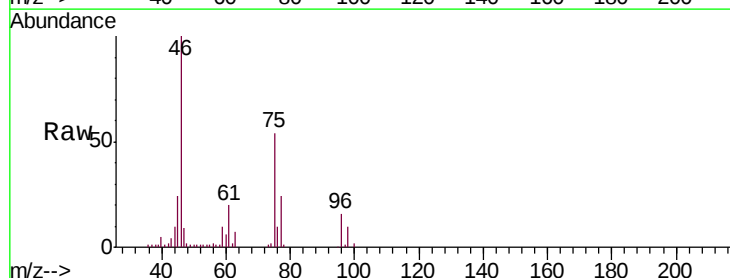
Tgt Ion: 96 Resp: 12387

Ion Ratio Lower Upper

96 100

61 131.7 90.6 168.3

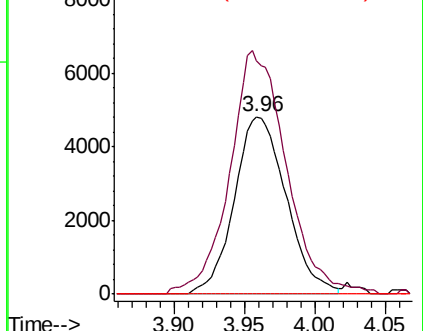
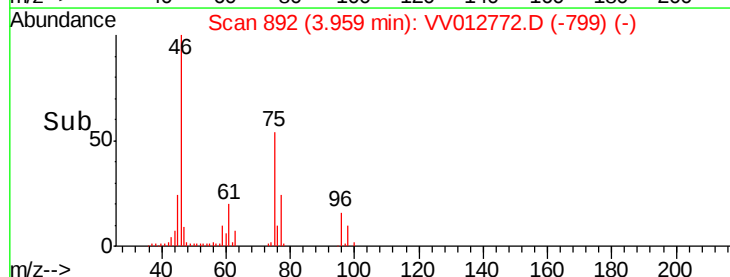
68 0.0 0.0 0.0

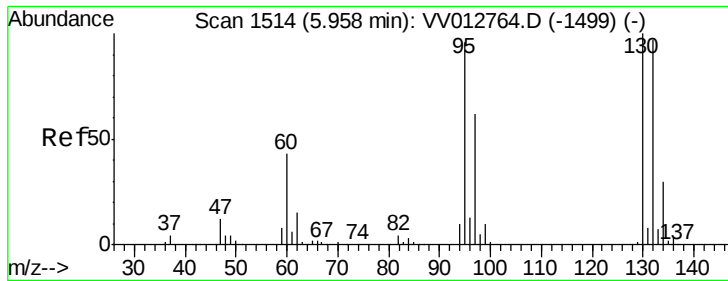


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 31.718 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

C0MG4

Tgt Ion: 95 Resp: 164765

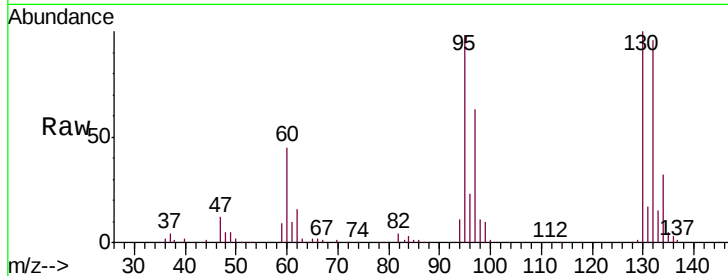
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 98.0 70.6 131.0

130 102.5 74.6 138.6

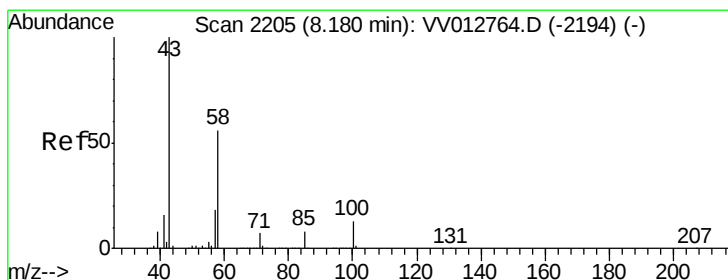
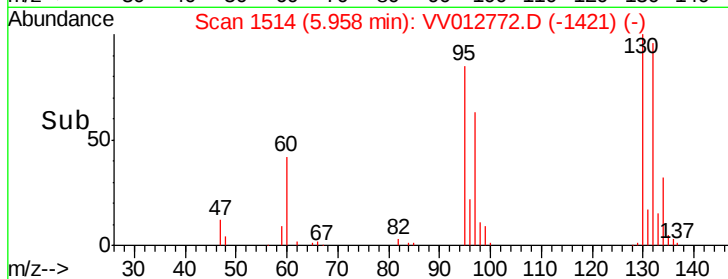
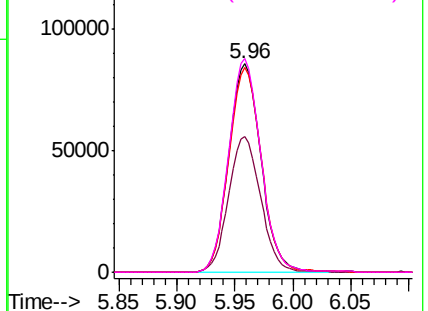


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 8.036 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 46373

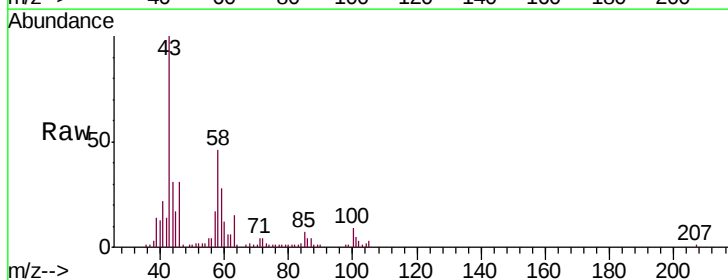
Ion Ratio Lower Upper

43 100

58 40.7 43.8 65.8#

57 16.4 14.3 21.5

100 6.7 9.8 14.8#

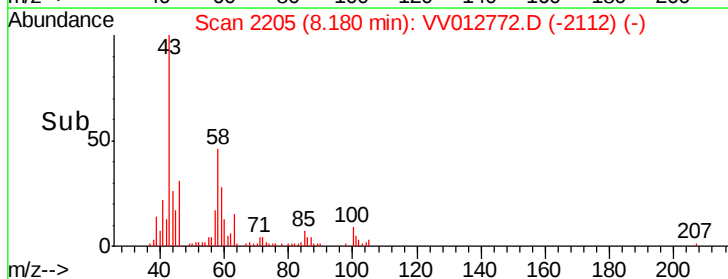
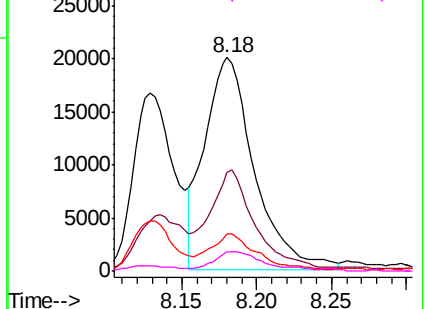


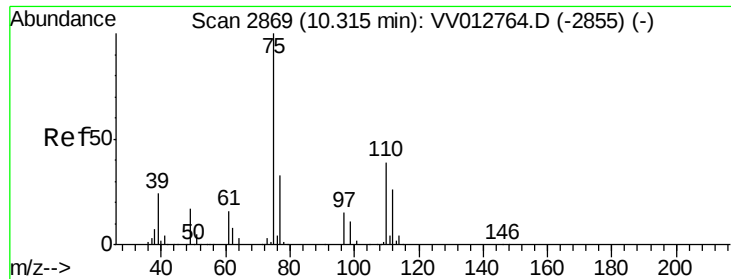
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 4.298 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

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Instrument :

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ClientSampleId :

C0MG4

Tgt Ion: 75 Resp: 28113

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

