

Data File : VV012512.D
Acq On : 01 Sep 2019 16:13
Operator : SY/MD
Sample : K4605-04DL 40X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3DL

Quant Time: Sep 02 04:23:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	319650	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	310283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98140	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.35	69	179	0.08	ug/L	-0.23
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.13	63	190171	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	3.94	46	175248	98.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.51%
24) Chloroform-d	4.40	84	200631	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	5.08	65	137724	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.10	84	360204	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.12	67	128866	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.36	98	316081	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	53714	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.13	63	91297	87.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	173784	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	124130	52.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.04%

Target Compounds

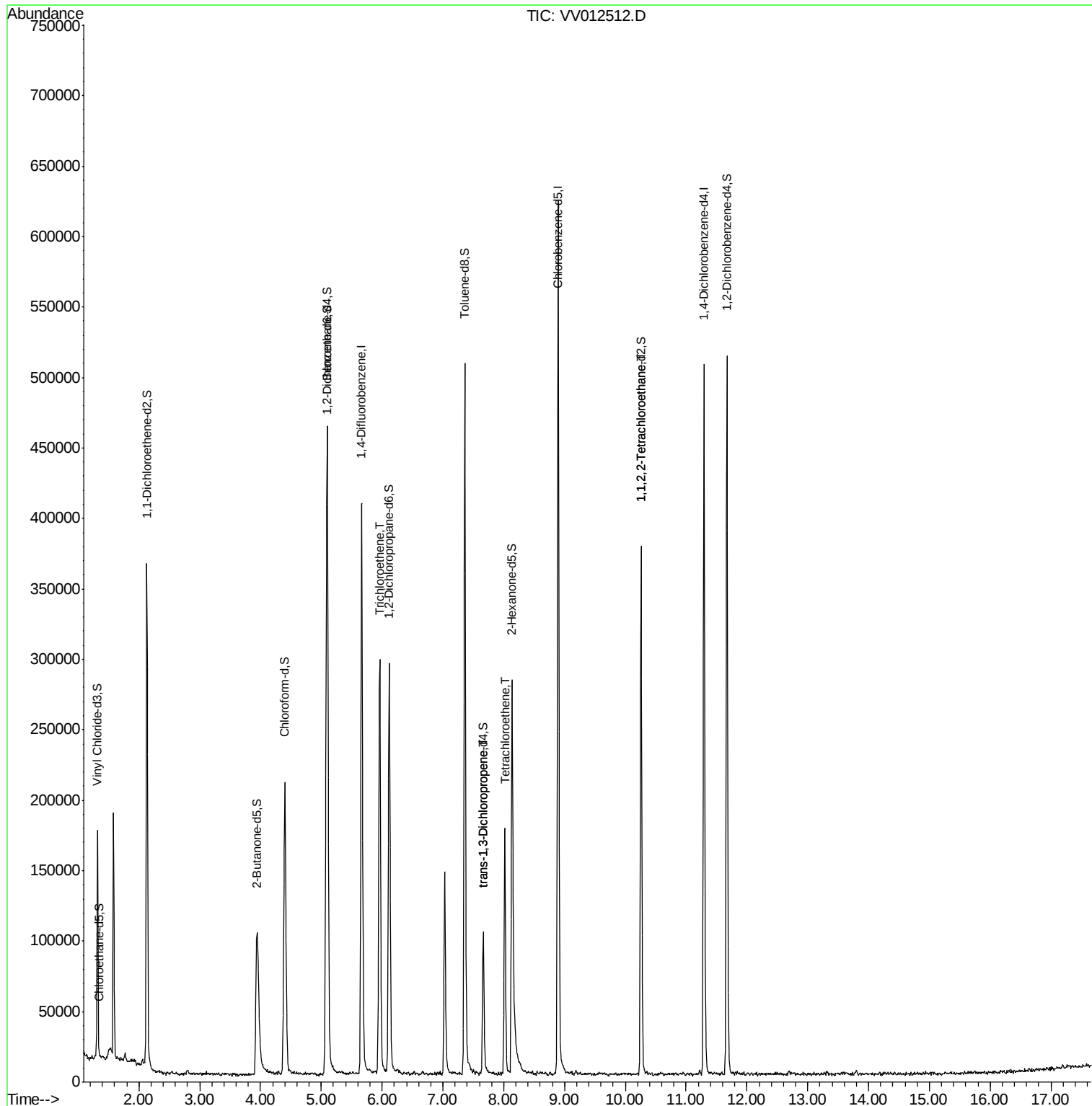
					Qvalue
34) Trichloroethene	5.96	95	95762	36.435 ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	3209	0.961 ug/L	87
46) Tetrachloroethene	8.02	164	34600	19.319 ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.26	83	1476	0.404 ug/L #	1

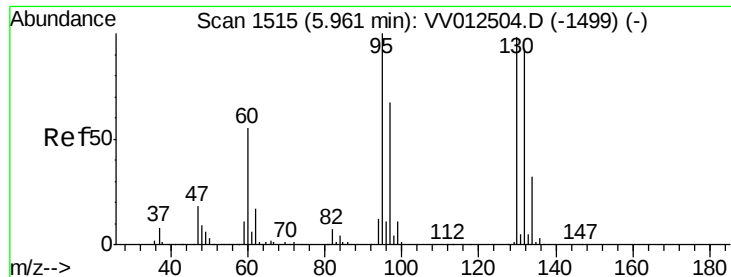
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 36.435 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AA3DL

Tgt Ion: 95 Resp: 95762

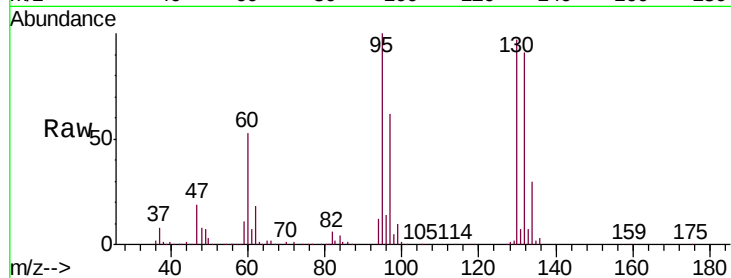
Ion Ratio Lower Upper

95 100

97 61.8 46.8 86.8

132 91.0 64.9 120.5

130 97.1 68.8 127.8

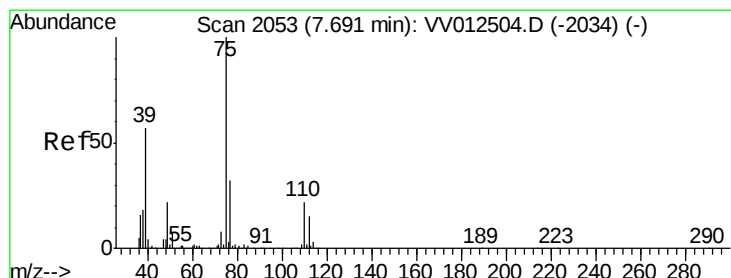
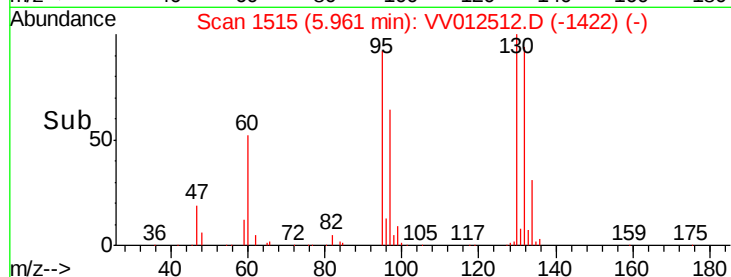
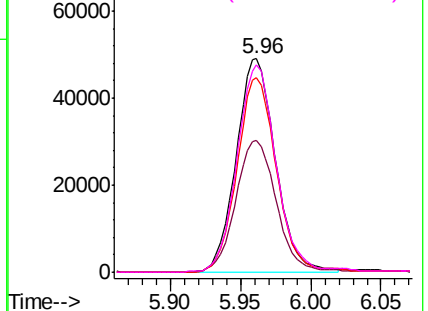


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#44

trans-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

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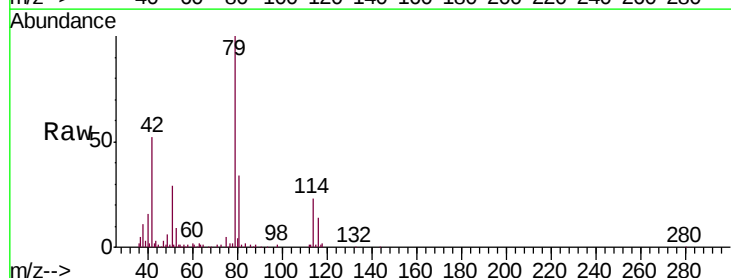
Acq: 01 Sep 2019 16:13

Tgt Ion: 75 Resp: 3209

Ion Ratio Lower Upper

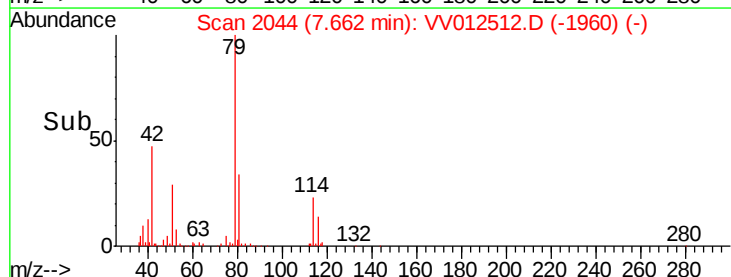
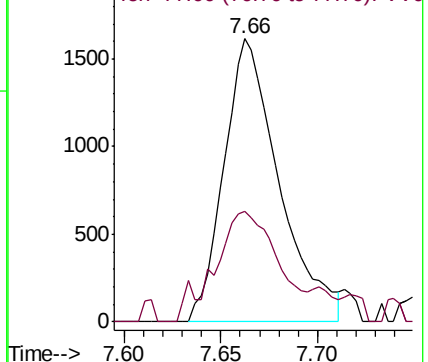
75 100

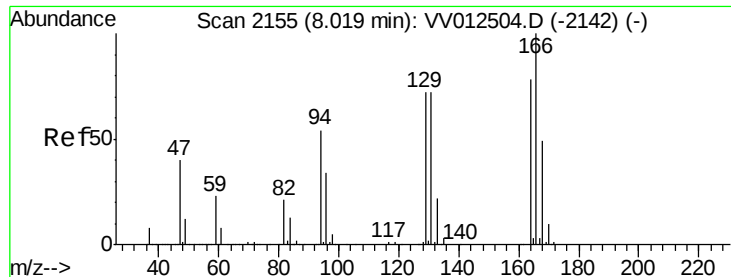
77 39.1 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 19.319 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

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ClientSampleId :

C0AA3DL

Tgt Ion:164 Resp: 34600

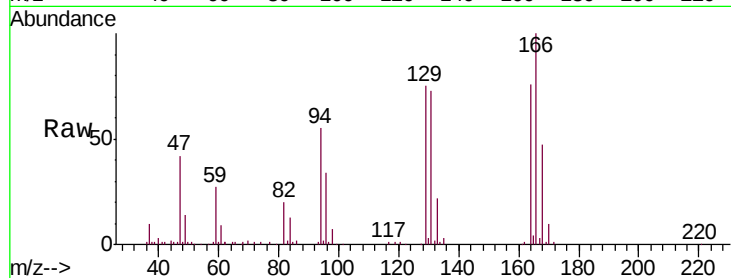
Ion Ratio Lower Upper

164 100

129 98.1 64.8 120.4

131 95.9 64.3 119.5

166 131.6 89.7 166.7

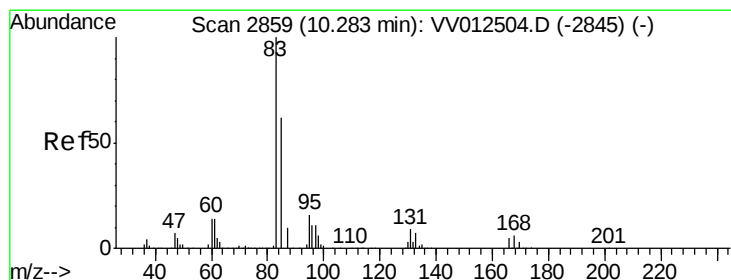
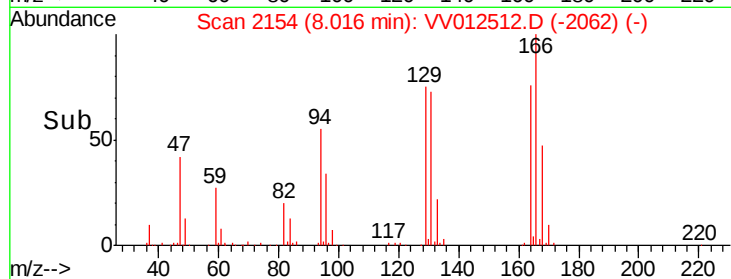
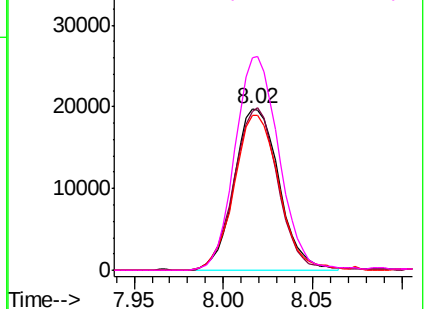


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.404 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.02 min

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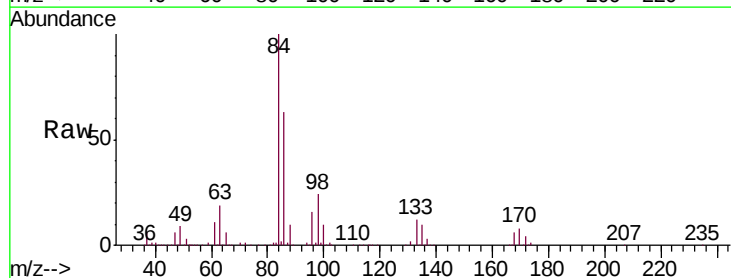
Tgt Ion: 83 Resp: 1476

Ion Ratio Lower Upper

83 100

85 207.3 43.4 80.6#

131 247.5 7.1 10.7#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

