

Data File : VV015030.D
Acq On : 18 Mar 2020 22:01
Operator : SY/MD
Sample : L1940-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DK2

Quant Time: Mar 19 04:11:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	336942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325360	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83462	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.04%
7) Chloroethane-d5	1.58	69	65416	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.12	63	106180	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.92%
21) 2-Butanone-d5	3.93	46	105325	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.38	84	197291	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.06	65	130890	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.08	84	408154	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.72%
36) 1,2-Dichloropropane-d6	6.10	67	116832	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.34	98	400999	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%
43) trans-1,3-Dichloropropene-	7.64	79	58474	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.12	63	107681	103.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.45%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	172842	50.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.70%
64) 1,2-Dichlorobenzene-d4	11.64	152	169284	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

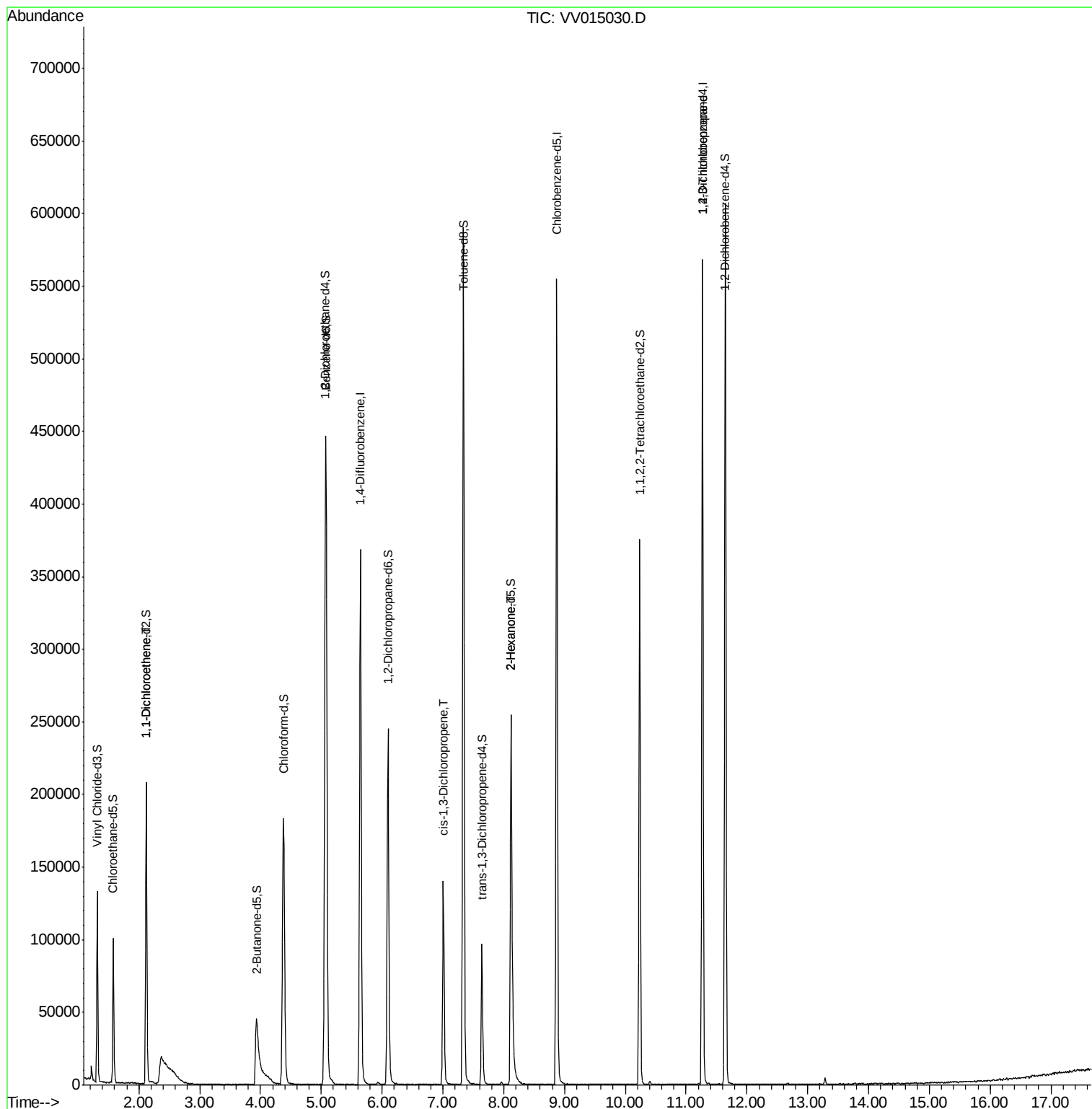
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.12	96	960	0.700 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	3133	0.971 ug/L #	52
48) 2-Hexanone	8.12	43	13192	6.619 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	14948	5.522 ug/L	92

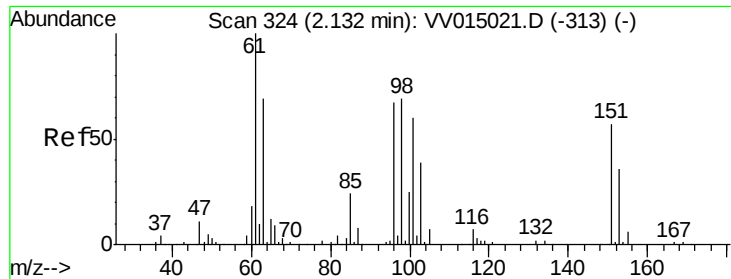
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.700 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0DK2

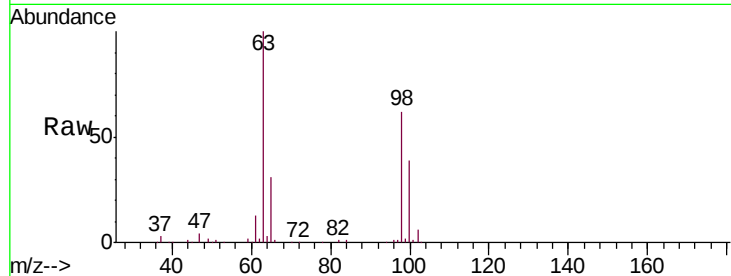
Tgt Ion: 96 Resp: 960

Ion Ratio Lower Upper

96 100

61 1500.0 105.6 196.2#

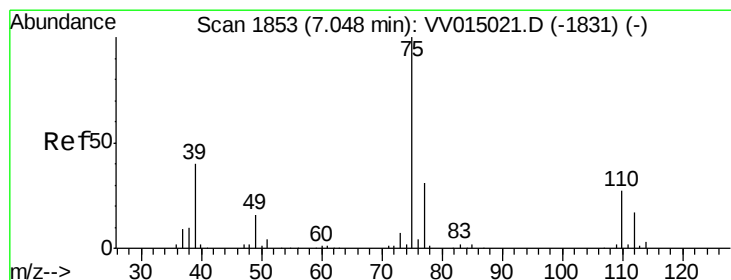
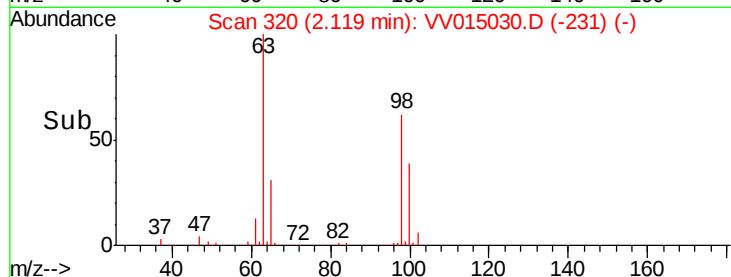
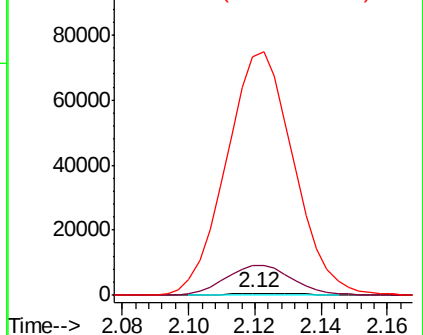
63 11958.3 75.9 140.9#



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



#39

cis-1,3-Dichloropropene

Concen: 0.971 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

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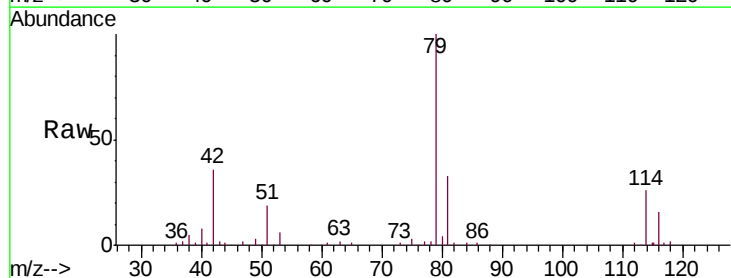
Acq: 18 Mar 2020 22:01

Tgt Ion: 75 Resp: 3133

Ion Ratio Lower Upper

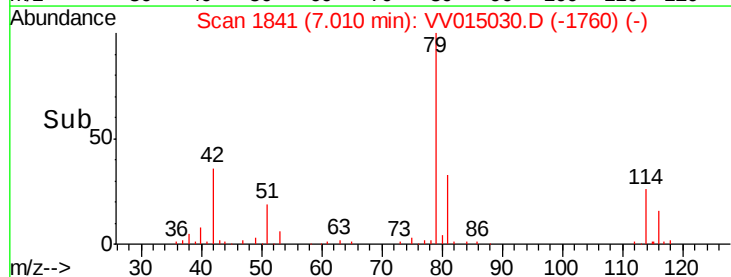
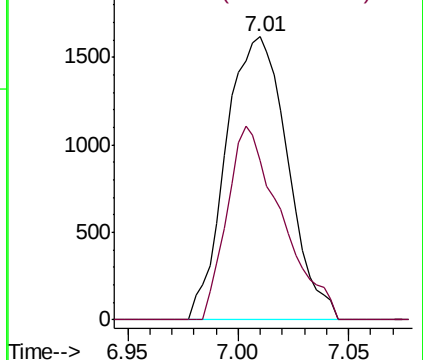
75 100

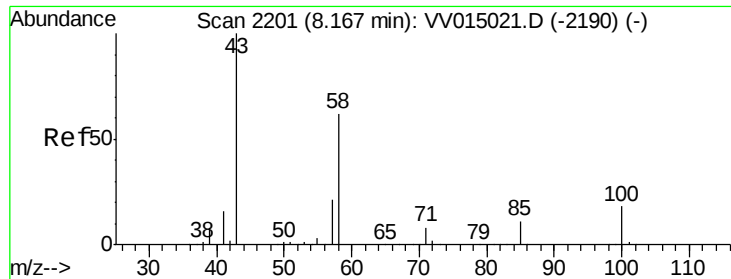
77 56.4 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 6.619 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 13192

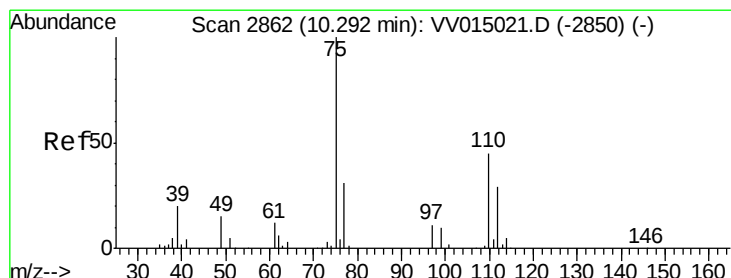
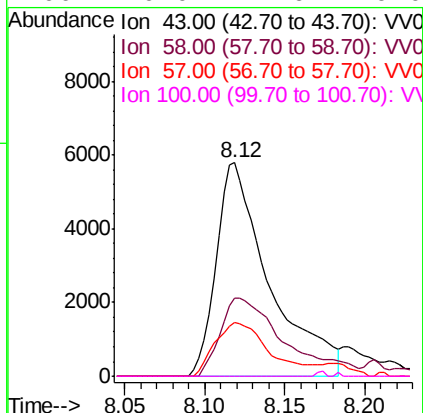
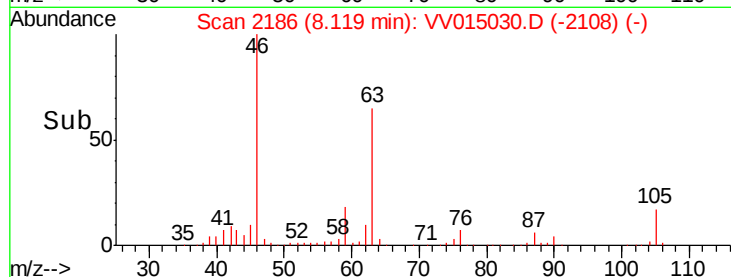
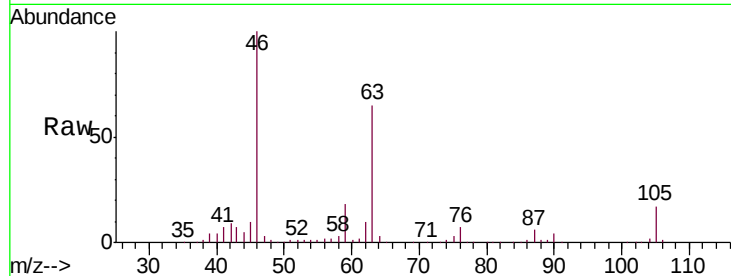
Ion Ratio Lower Upper

43 100

58 40.5 48.2 72.2#

57 26.2 15.8 23.6#

100 0.0 12.6 19.0#



#59

1,2,3-Trichloropropane

Concen: 5.522 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

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Acq: 18 Mar 2020 22:01

Tgt Ion: 75 Resp: 14948

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

