

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014889.D
 Acq On : 12 Mar 2020 23:54
 Operator : SY/MD
 Sample : L1890-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:14:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	396747	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100709	37.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.02%
7) Chloroethane-d5	1.58	69	83397	39.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.58%
11) 1,1-Dichloroethene-d2	2.12	63	128870	28.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.78%#
21) 2-Butanone-d5	3.93	46	147351	73.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.58%
24) Chloroform-d	4.38	84	233188	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.06	65	154955	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
32) Benzene-d6	5.08	84	463612	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.10	67	141886	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.34%
41) Toluene-d8	7.34	98	440780	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.64	79	56017	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
47) 2-Hexanone-d5	8.12	63	139963	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204859	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	180172	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

Target Compounds

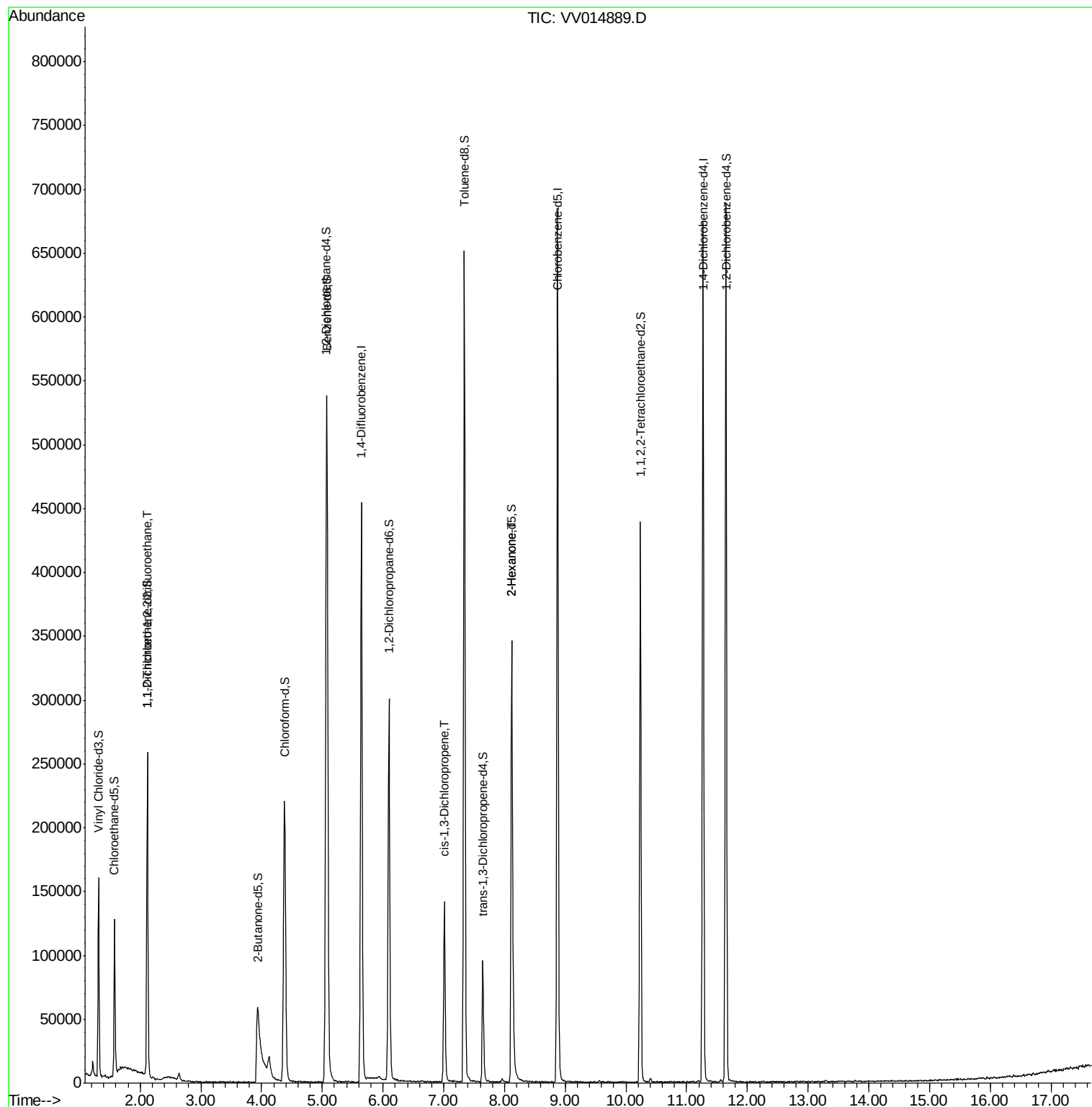
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1531	0.695 ug/L #	18
39) cis-1,3-Dichloropropene	7.00	75	3559	0.763 ug/L #	61
48) 2-Hexanone	8.12	43	17302	5.103 ug/L #	75

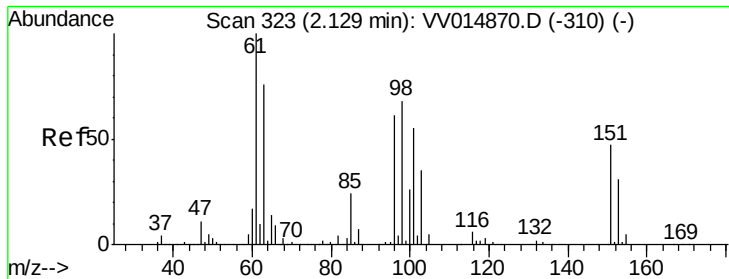
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.695 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014889.D

Acq: 12 Mar 2020 23:54

Instrument :

MSVOA_V

ClientSampleId :

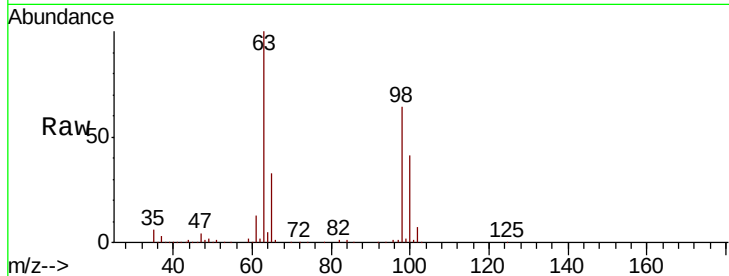
Tot Ion:101 Resp: 1531

Ion Ratio Lower Upper

101 100

85 2.7 35.0 52.6#

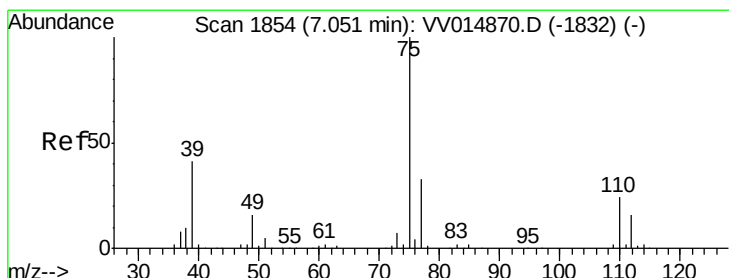
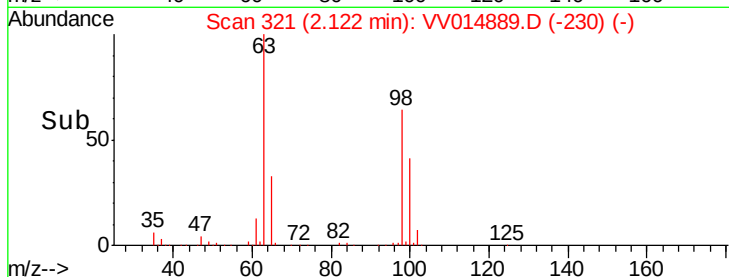
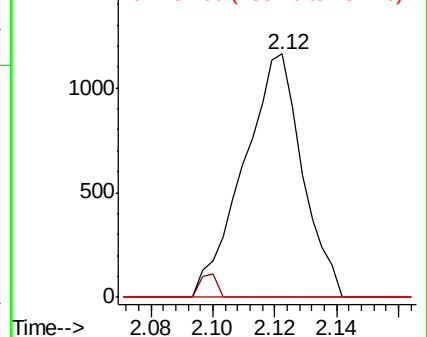
151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.05 min

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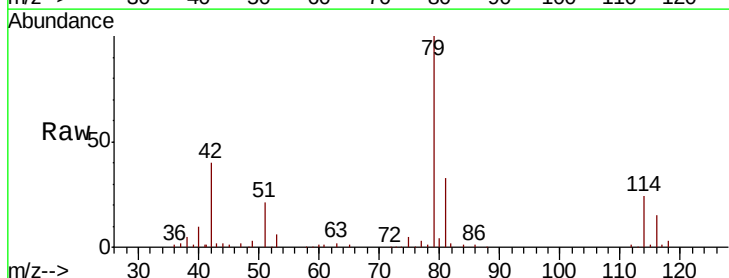
Acq: 12 Mar 2020 23:54

Tgt Ion: 75 Resp: 3559

Ion Ratio Lower Upper

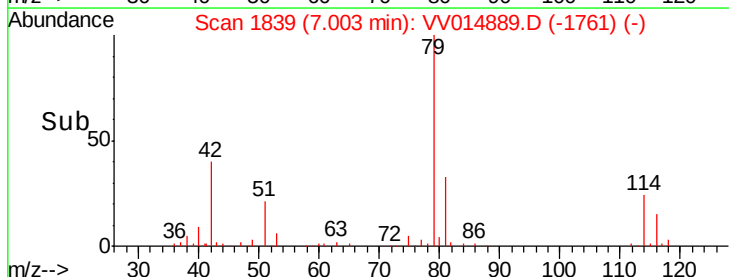
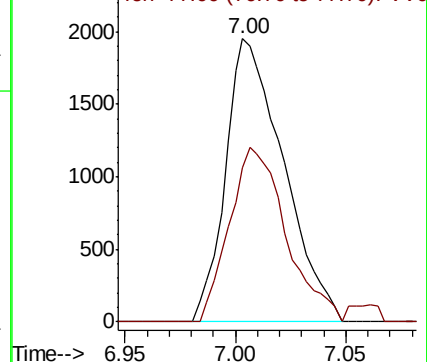
75 100

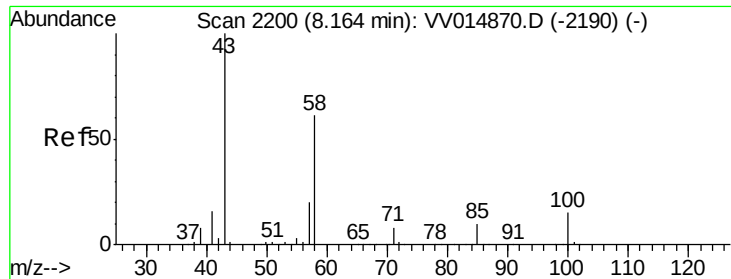
77 54.4 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.103 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

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Tot Ion: 43 Resp: 17302

Ion	Ratio	Lower	Upper
43	100		
58	31.7	43.3	64.9#
57	22.9	15.6	23.4
100	0.4	8.7	13.1#

