

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014885.D
 Acq On : 12 Mar 2020 22:17
 Operator : SY/MD
 Sample : L1890-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:13:43 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	377772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170773	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103110	40.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.66%
7) Chloroethane-d5	1.58	69	82193	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.34%
11) 1,1-Dichloroethene-d2	2.12	63	132840	31.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.54%
21) 2-Butanone-d5	3.93	46	141197	74.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.05%
24) Chloroform-d	4.48	84	642	0.13	ug/L	0.10
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.26%#
26) 1,2-Dichloroethane-d4	5.06	65	155801	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
32) Benzene-d6	5.08	84	475653	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
36) 1,2-Dichloropropane-d6	6.10	67	145471	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.36%
41) Toluene-d8	7.34	98	445776	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%
43) trans-1,3-Dichloropropene-	7.64	79	60689	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.12	63	145039	101.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207684	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	179495	53.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.06%

Target Compounds

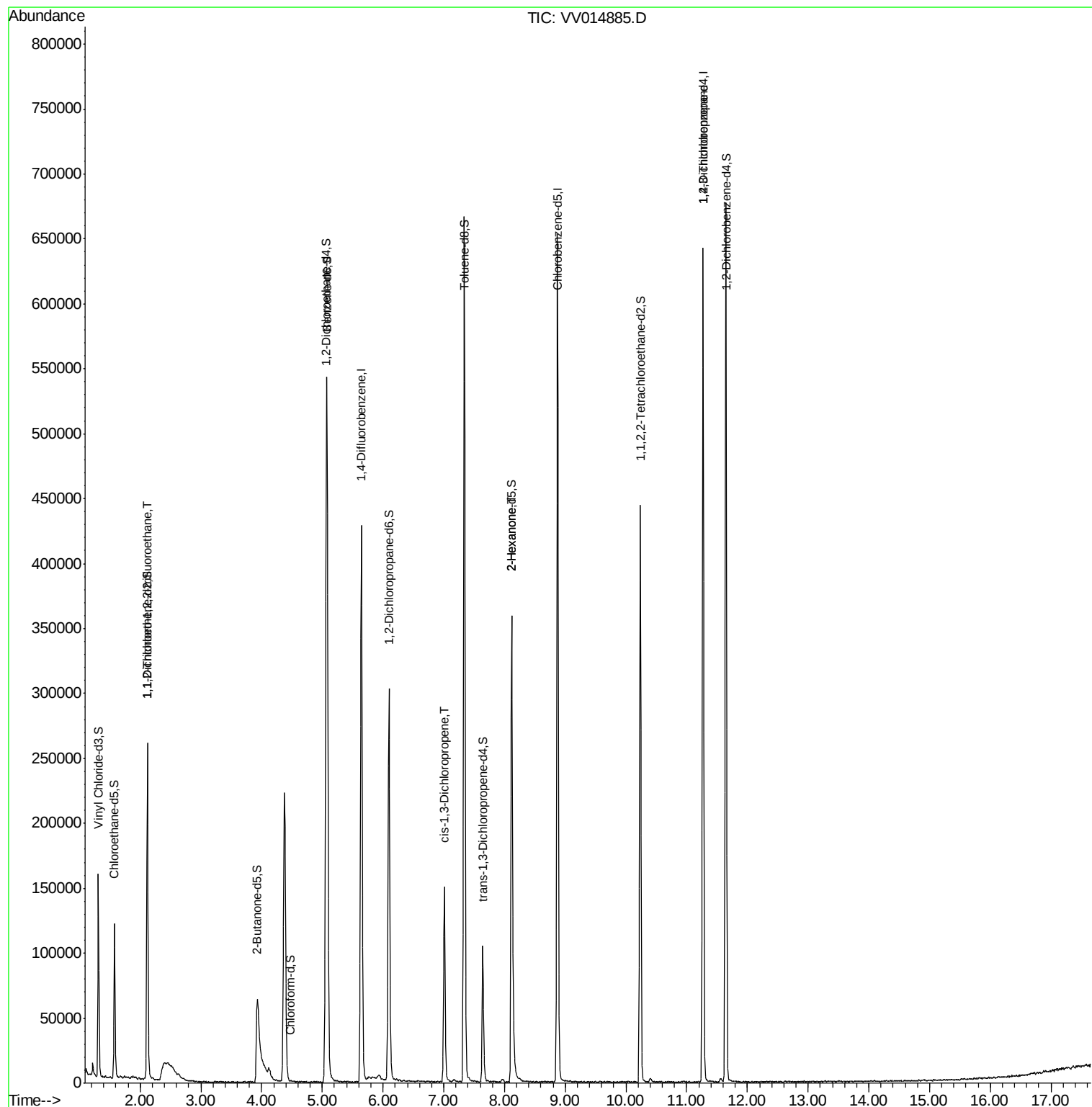
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1622	0.773 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3759	0.833 ug/L #	69
48) 2-Hexanone	8.12	43	16495	5.024 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	17942	4.877 ug/L	93

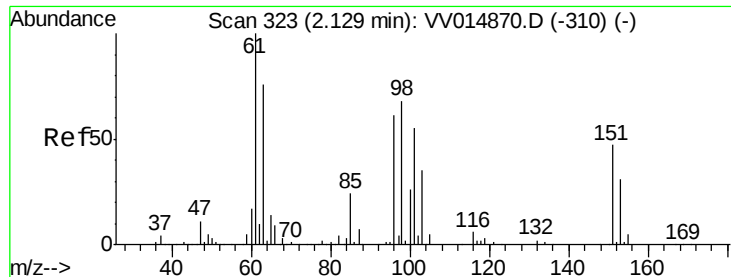
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.773 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014885.D

Acq: 12 Mar 2020 22:17

Instrument :

MSVOA_V

ClientSampled :

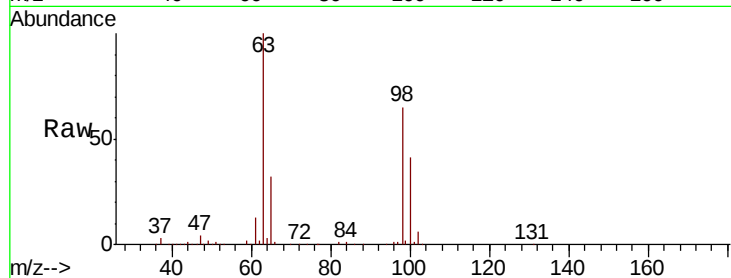
Tot Ion:101 Resp: 1622

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

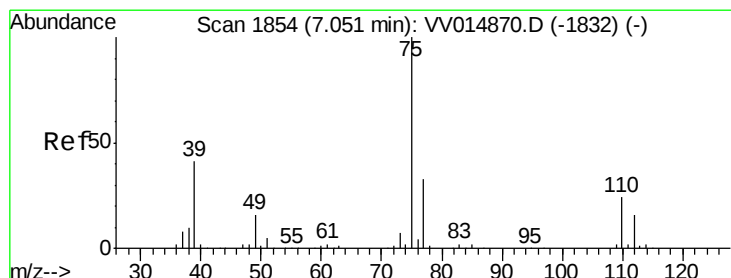
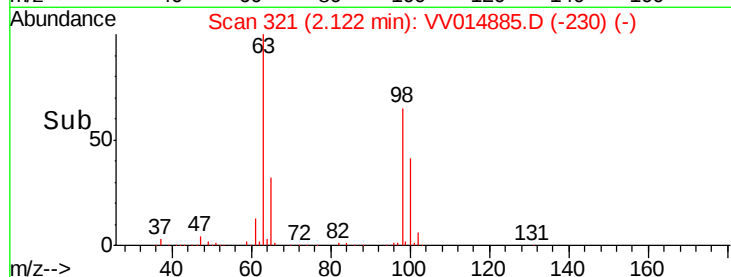
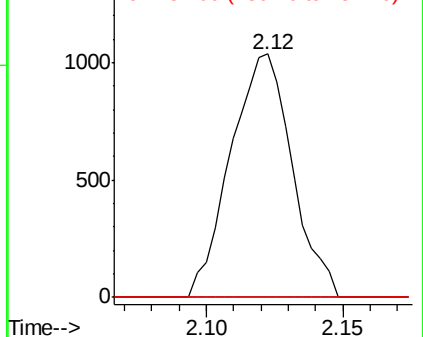
151 0.0 66.4 99.6#



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: 0.833 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV014885.D

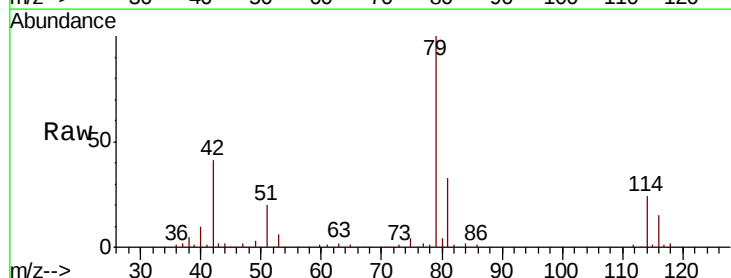
Acq: 12 Mar 2020 22:17

Tgt Ion: 75 Resp: 3759

Ion Ratio Lower Upper

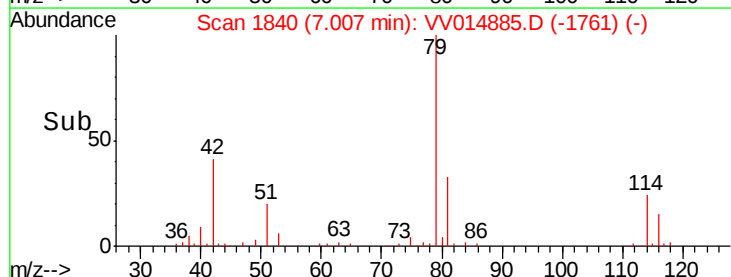
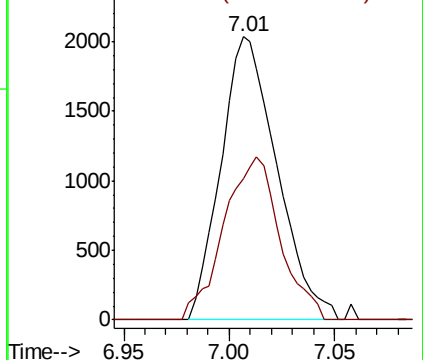
75 100

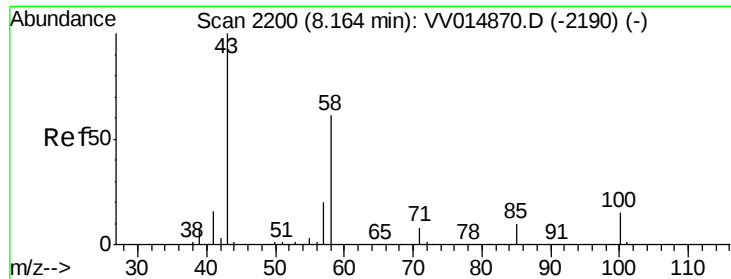
77 49.8 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

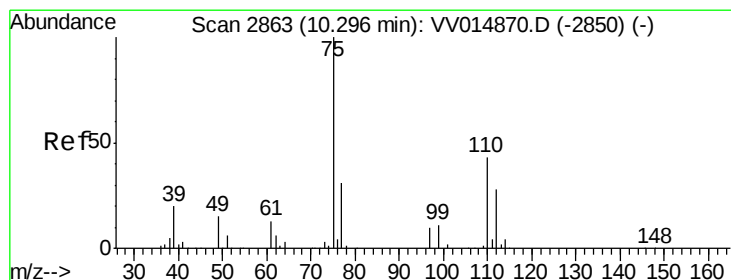
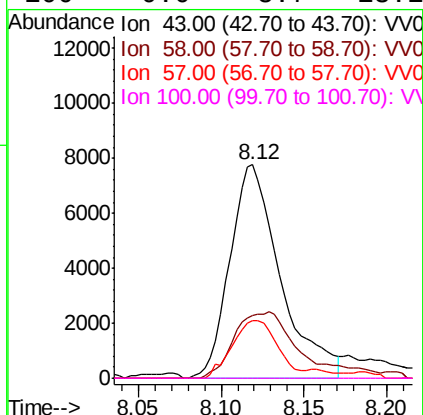
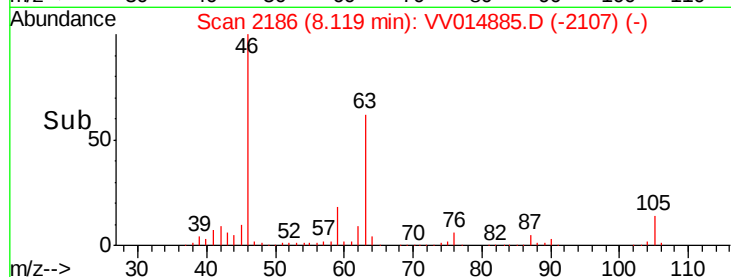
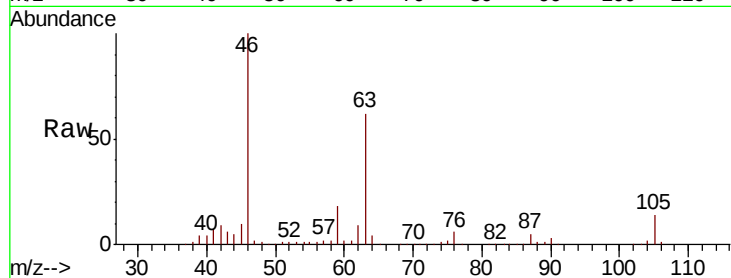




#48
 2-Hexanone
 Concen: 5.024 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.04 min
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Tot Ion: 43 Resp: 16495
 Ion Ratio Lower Upper
 43 100
 58 40.7 43.3 64.9#
 57 24.2 15.6 23.4#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.877 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV014885.D
 Acq: 12 Mar 2020 22:17

Tgt Ion: 75 Resp: 17942
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4

