

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014873.D
 Acq On : 12 Mar 2020 17:25
 Operator : SY/MD
 Sample : L1884-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:25 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	397323	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	384648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184352	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105443	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.44%
7) Chloroethane-d5	1.58	69	84120	39.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.14%
11) 1,1-Dichloroethene-d2	2.12	63	136025	30.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.90%
21) 2-Butanone-d5	3.93	46	147851	73.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.73%
24) Chloroform-d	4.38	84	231800	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.06	65	155764	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.08	84	464597	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
36) 1,2-Dichloropropane-d6	6.10	67	143548	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.28%
41) Toluene-d8	7.34	98	443157	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	7.64	79	64874	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
47) 2-Hexanone-d5	8.12	63	139316	93.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	203506	43.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	176683	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

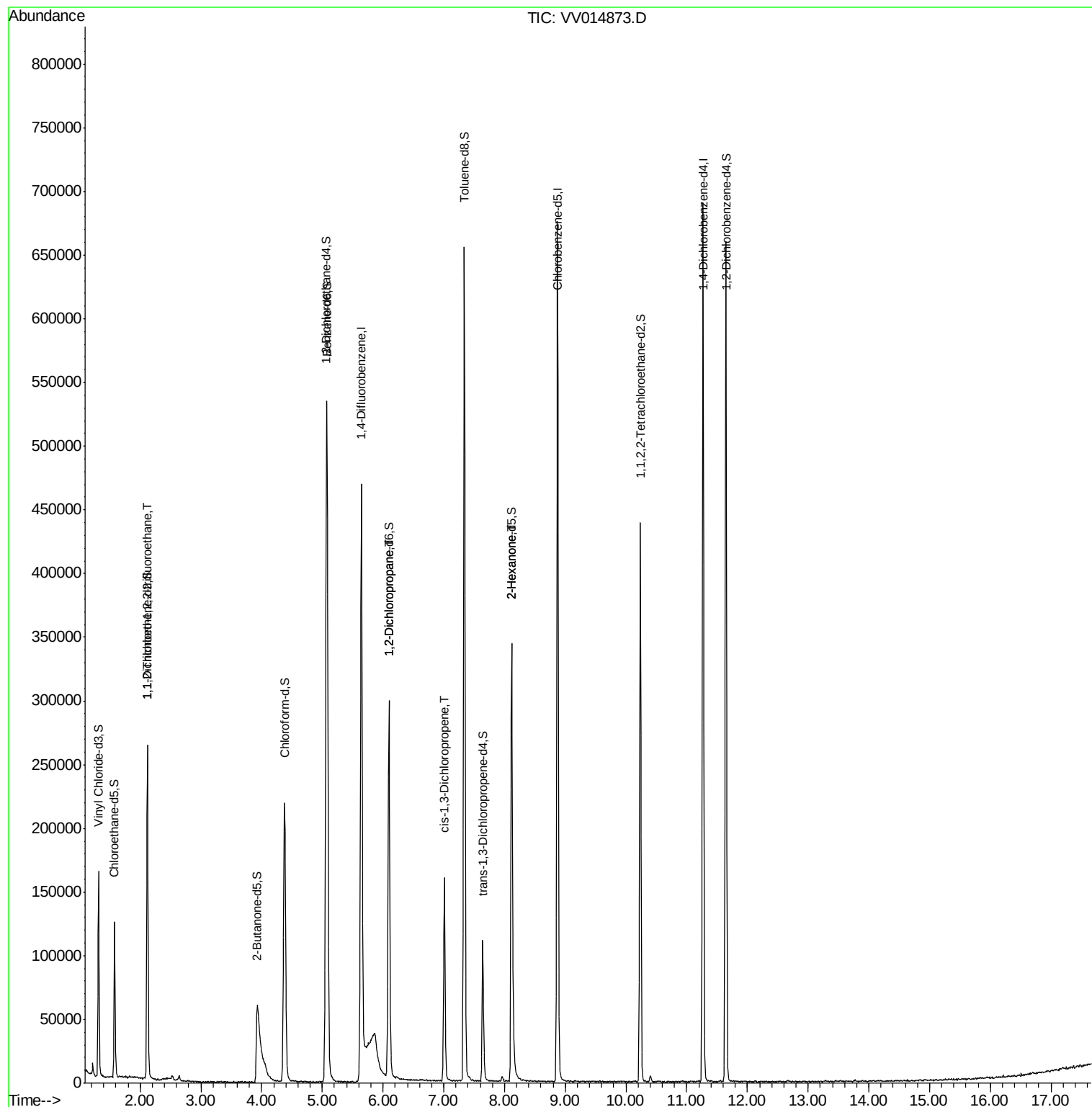
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1636	0.742 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	16330	5.423 ug/L #	89
39) cis-1,3-Dichloropropene	7.01	75	4182	0.886 ug/L #	82
48) 2-Hexanone	8.12	43	15326	4.466 ug/L #	77

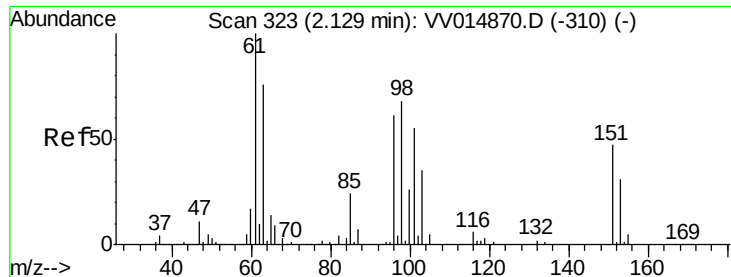
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.742 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014873.D

Acq: 12 Mar 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

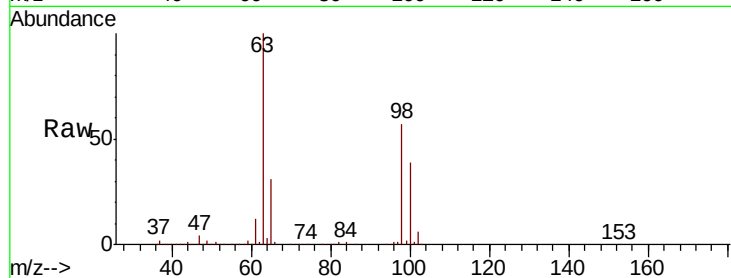
Tot Ion:101 Resp: 1636

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

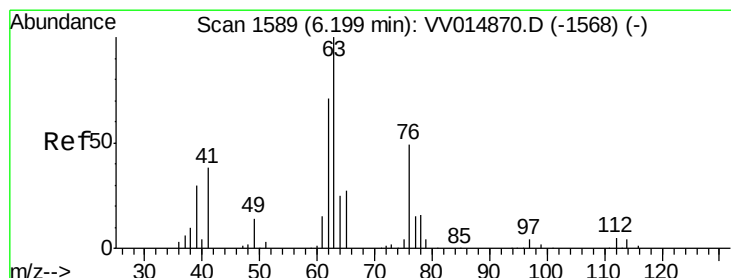
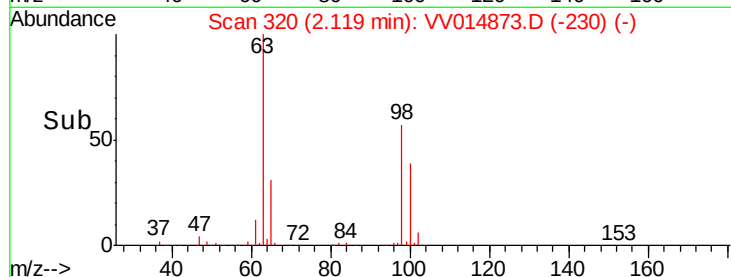
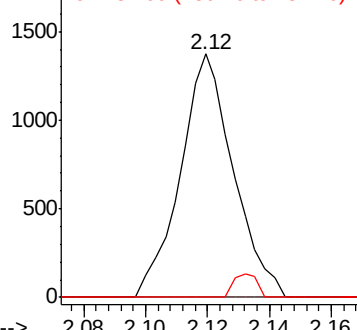
151 4.2 66.4 99.6#



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



#37

1,2-Dichloropropane

Concen: 5.423 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV014873.D

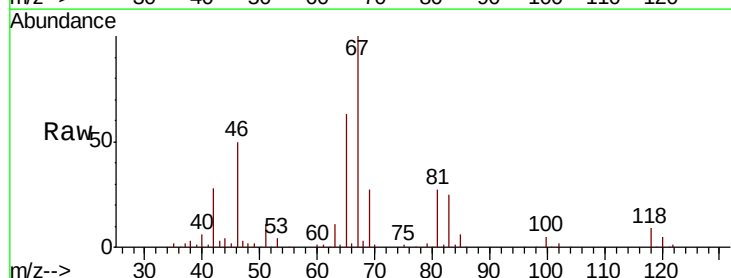
Acq: 12 Mar 2020 17:25

Tgt Ion: 63 Resp: 16330

Ion Ratio Lower Upper

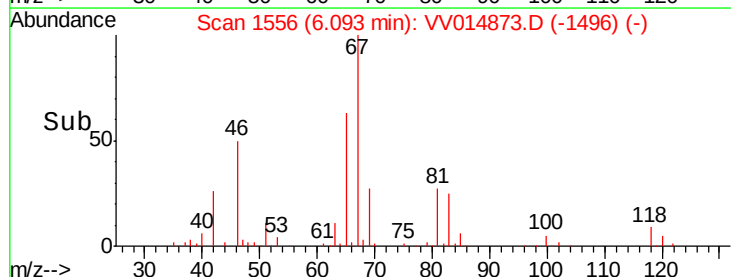
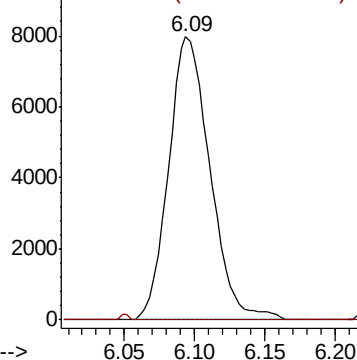
63 100

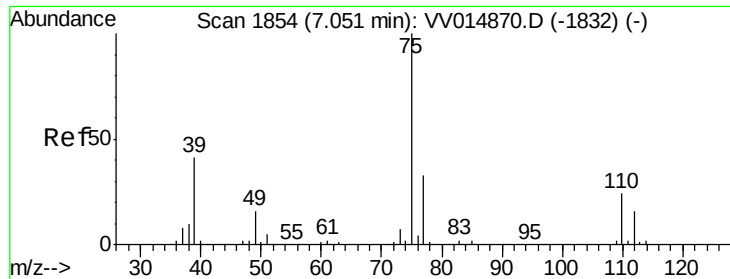
112 0.3 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

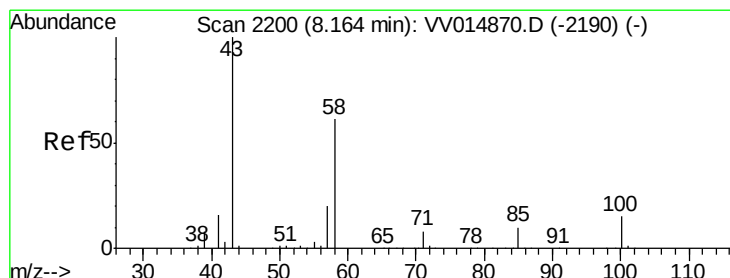
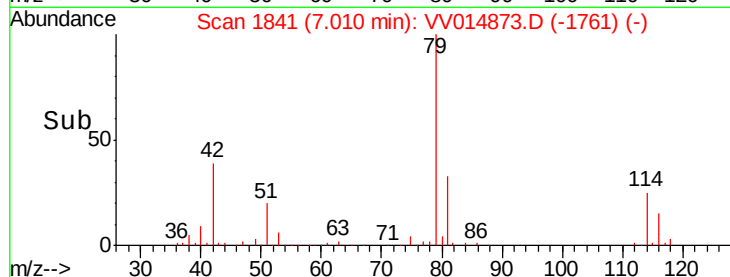
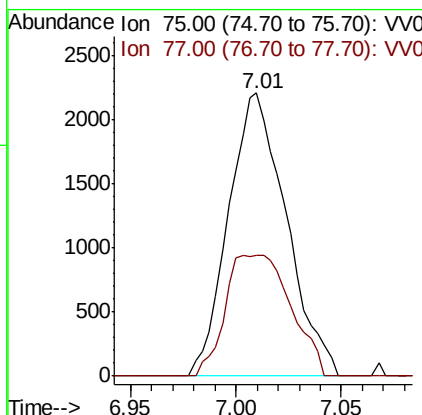
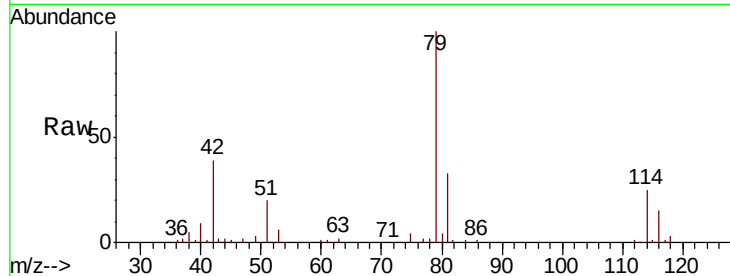




#39
 cis-1,3-Dichloropropene
 Concen: 0.886 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV014873.D
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Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 4182
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.8 42.4#



#48
 2-Hexanone
 Concen: 4.466 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014873.D
 Acq: 12 Mar 2020 17:25

Tgt Ion: 43 Resp: 15326
 Ion Ratio Lower Upper
 43 100
 58 35.8 43.3 64.9#
 57 25.3 15.6 23.4#
 100 0.0 8.7 13.1#

