

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014998.D
 Acq On : 18 Mar 2020 01:34
 Operator : SY/MD
 Sample : L1940-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA7

Quant Time: Mar 18 08:23:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69690	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.06%
7) Chloroethane-d5	1.58	69	61269	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.12	63	95872	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	3.94	46	100268	77.94	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.94%
24) Chloroform-d	4.38	84	189075	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.06	65	130079	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.08	84	383289	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
36) 1,2-Dichloropropane-d6	6.10	67	115833	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.34	98	366865	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.64	79	55122	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.44%
47) 2-Hexanone-d5	8.12	63	107976	93.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174885	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	160651	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

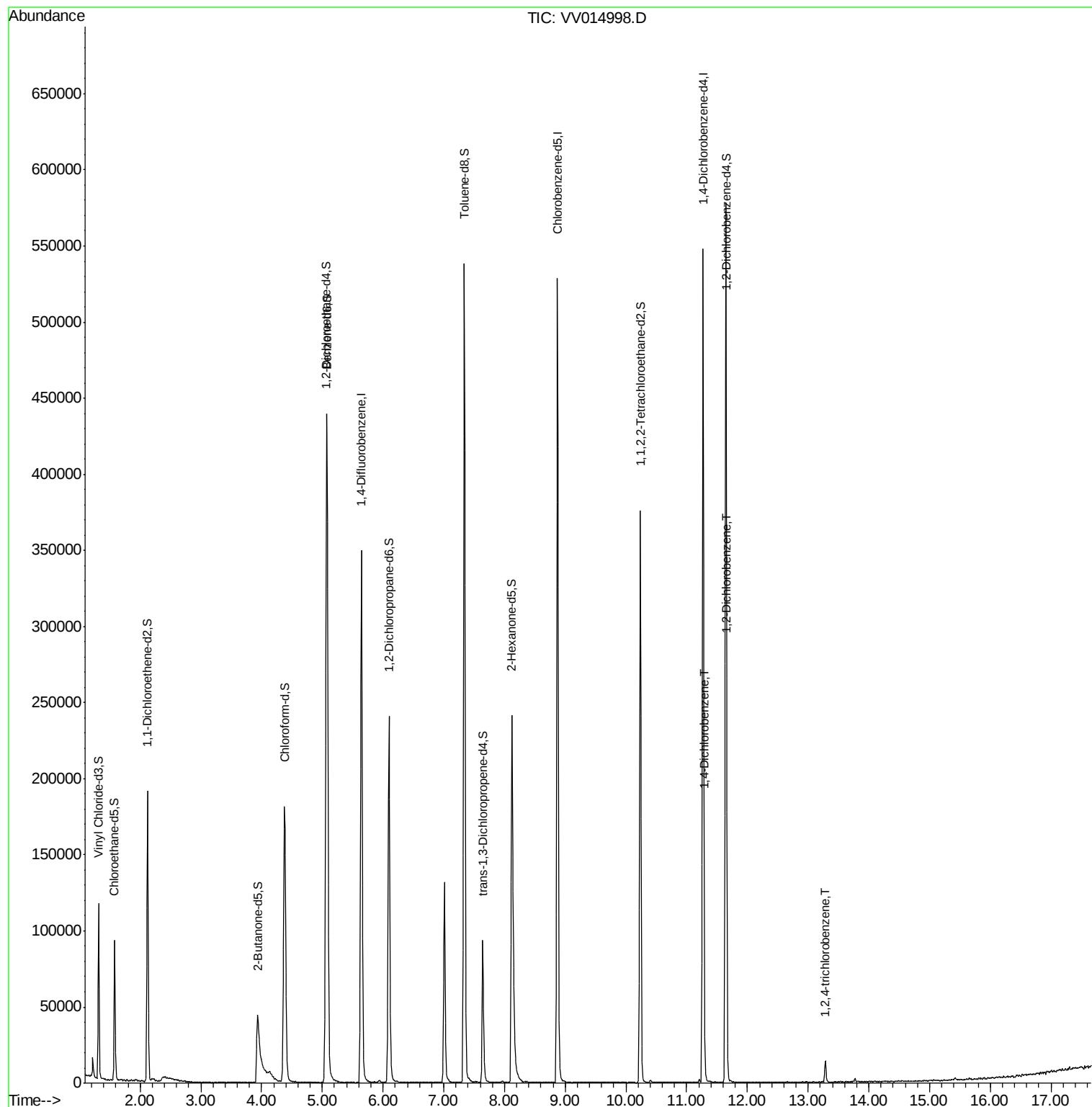
Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	5980	1.206 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	4103	0.834 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	5424	1.577 ug/L #	95

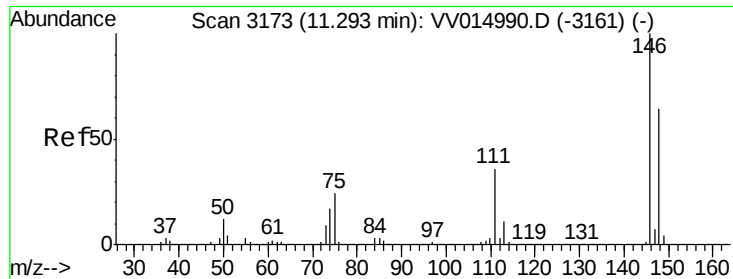
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 1.206 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014998.D

Acq: 18 Mar 2020 01:34

Instrument :

MSVOA_V

ClientSampled :

C0DA7

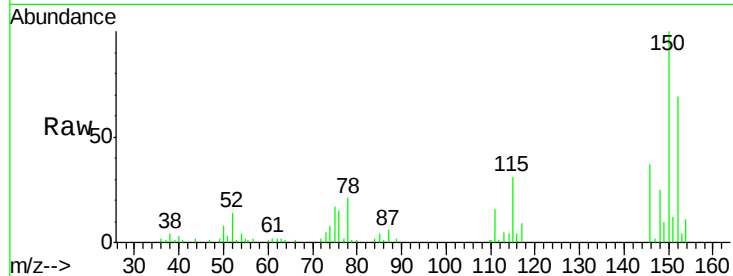
Tot Ion:146 Resp: 5980

Ion Ratio Lower Upper

146 100

111 43.5 26.0 48.2

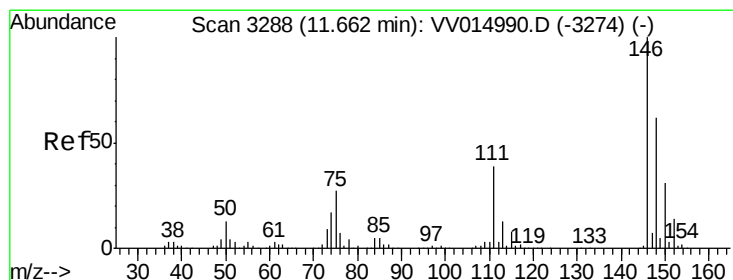
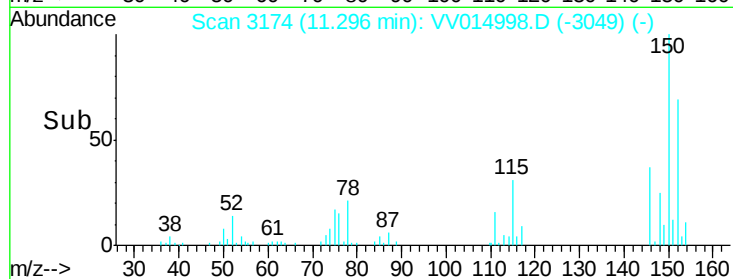
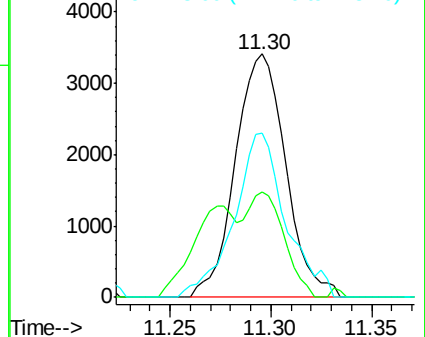
148 67.4 46.1 85.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.834 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.01 min

Lab File: VV014998.D

Acq: 18 Mar 2020 01:34

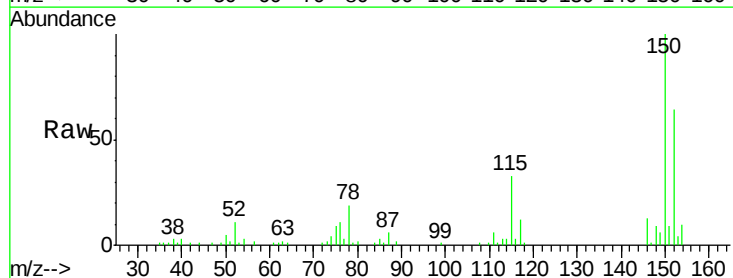
Tgt Ion:146 Resp: 4103

Ion Ratio Lower Upper

146 100

111 41.9 31.6 47.4

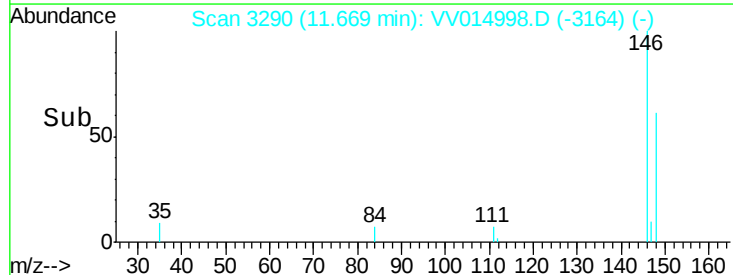
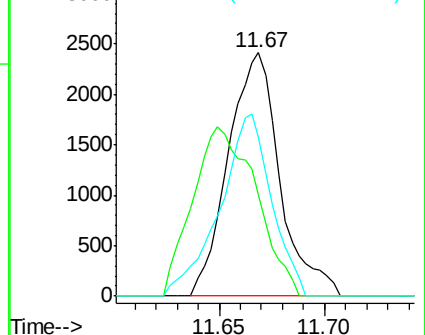
148 65.3 52.2 78.4

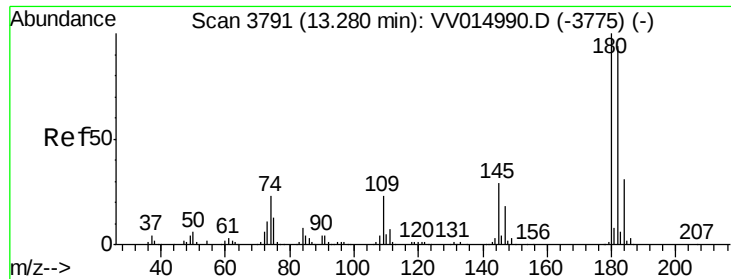


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.577 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014998.D
 Acq: 18 Mar 2020 01:34

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Tot Ion:180 Resp: 5424
 Ion Ratio Lower Upper
 180 100
 182 91.9 76.3 114.5
 145 22.7 23.1 34.7#

