

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV015004.D
 Acq On : 18 Mar 2020 03:59
 Operator : SY/MD
 Sample : L1890-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DG8

Quant Time: Mar 18 08:40:34 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	306987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66899	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.42%
7) Chloroethane-d5	1.58	69	58281	38.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.74%
11) 1,1-Dichloroethene-d2	2.12	63	91332	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	3.94	46	108953	87.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.37%
24) Chloroform-d	4.38	84	185812	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
26) 1,2-Dichloroethane-d4	5.06	65	123124	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
32) Benzene-d6	5.08	84	376288	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.10	67	111335	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	359814	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.64	79	53272	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.24%
47) 2-Hexanone-d5	8.12	63	105247	95.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170651	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	160165	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

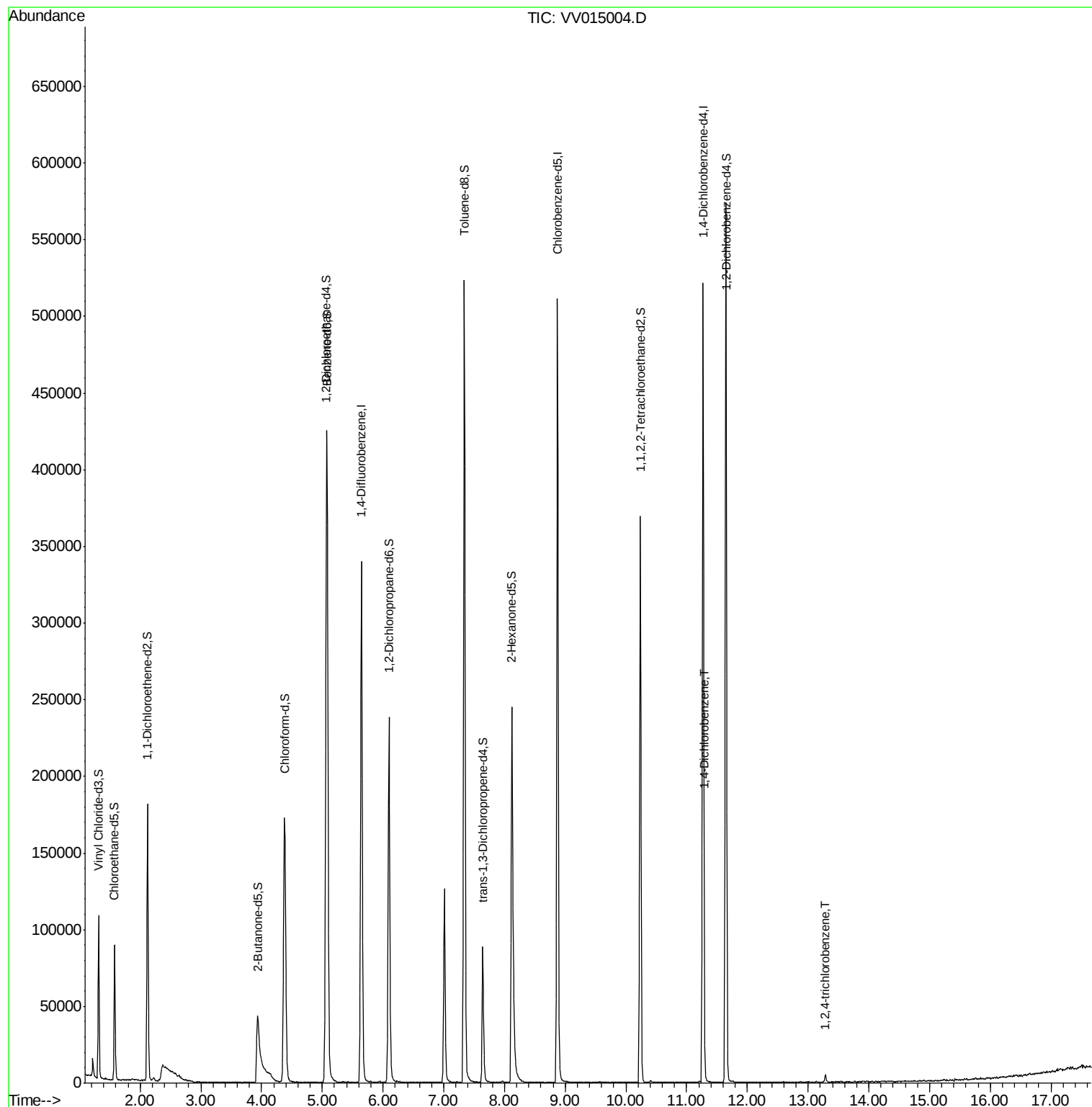
Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	2955	0.610 ug/L	91
68) 1,2,4-trichlorobenzene	13.29	180	2059	0.613 ug/L #	87

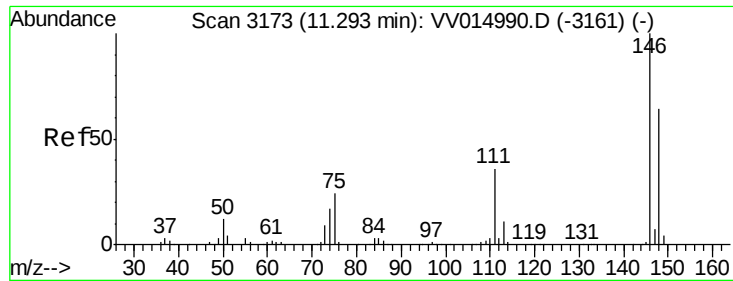
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 0.610 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015004.D

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ClientSampleId :

C0DG8

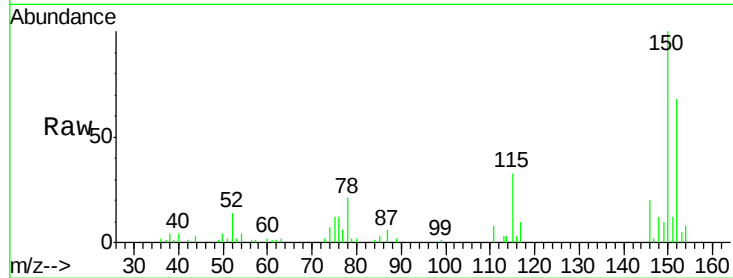
Tot Ion:146 Resp: 2955

Ion Ratio Lower Upper

146 100

111 40.8 26.0 48.2

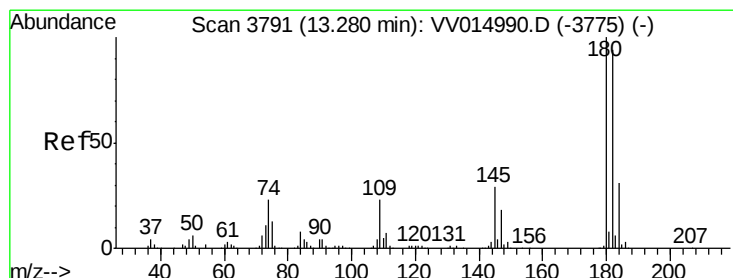
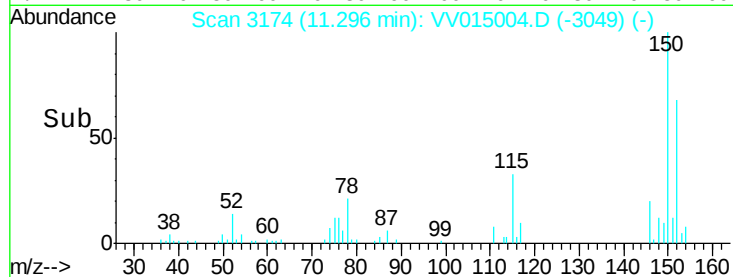
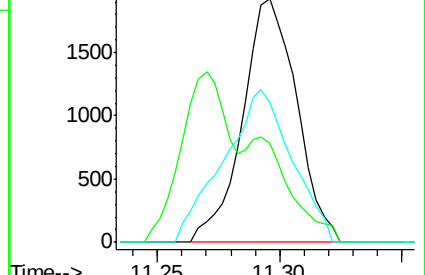
148 57.4 46.1 85.5



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



#68

1,2,4-trichlorobenzene

Concen: 0.613 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.01 min

Lab File: VV015004.D

Acq: 18 Mar 2020 03:59

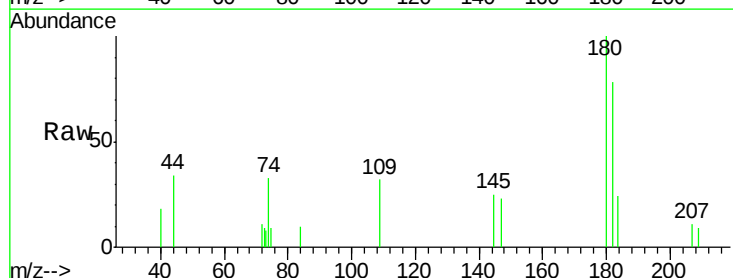
Tgt Ion:180 Resp: 2059

Ion Ratio Lower Upper

180 100

182 86.1 76.3 114.5

145 15.6 23.1 34.7#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

