

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV015001.D
 Acq On : 18 Mar 2020 02:47
 Operator : SY/MD
 Sample : L1890-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DG0

Manual Integrations
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Quant Time: Mar 18 08:30:09 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	309839	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67463	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.36%
7) Chloroethane-d5	1.58	69	60414	39.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.82%
11) 1,1-Dichloroethene-d2	2.12	63	92079	29.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.14%#
21) 2-Butanone-d5	3.94	46	101140m	80.36	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.36%
24) Chloroform-d	4.38	84	191902	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.06	65	127496	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
32) Benzene-d6	5.08	84	377103	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.09	67	114728	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	362707	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.64	79	51828	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
47) 2-Hexanone-d5	8.12	63	105936	94.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170165	46.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	158091	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	4787	0.993 ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	3610	0.755 ug/L #	88
68) 1,2,4-trichlorobenzene	13.29	180	3885	1.162 ug/L	96

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

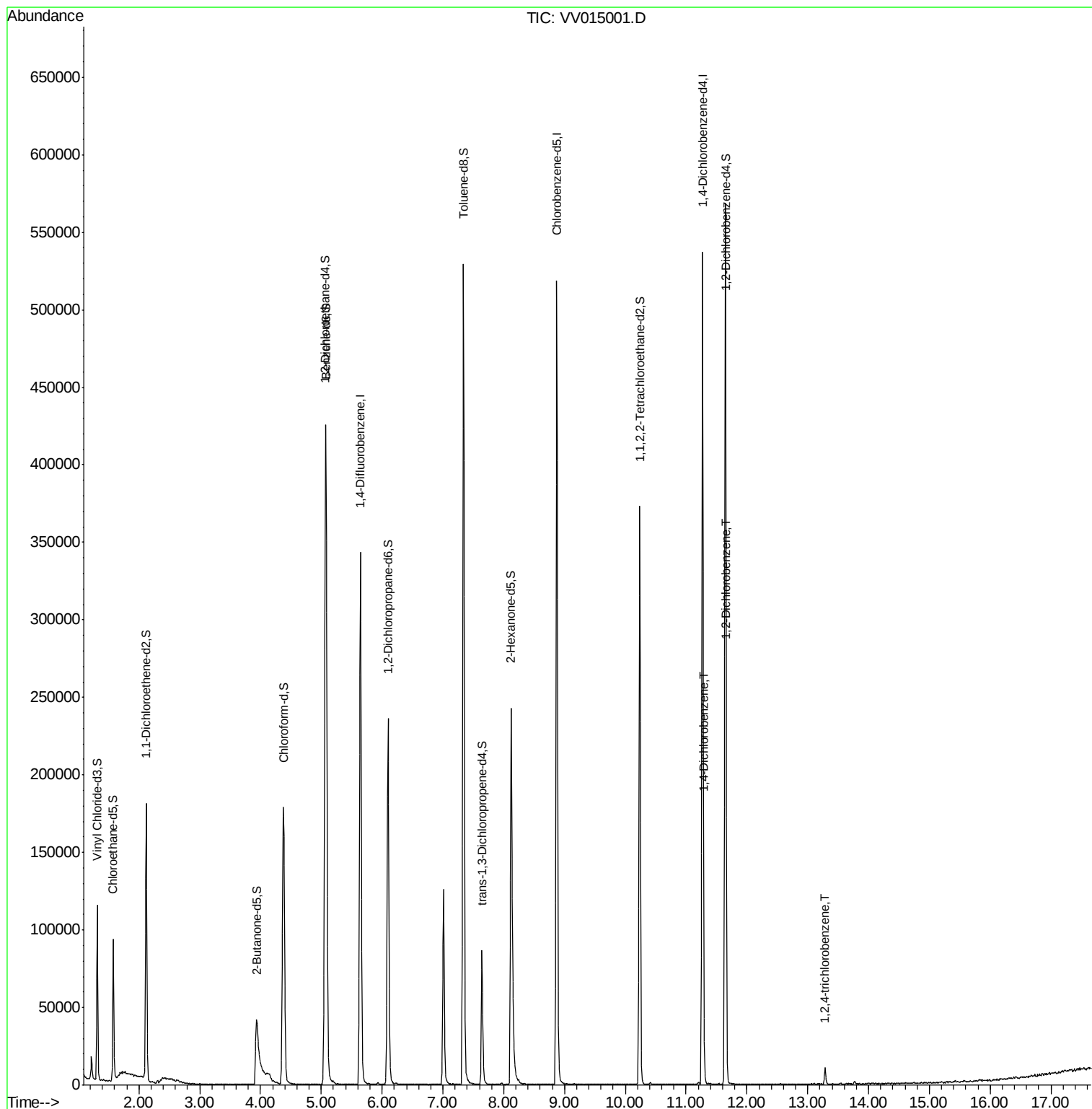
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031720\
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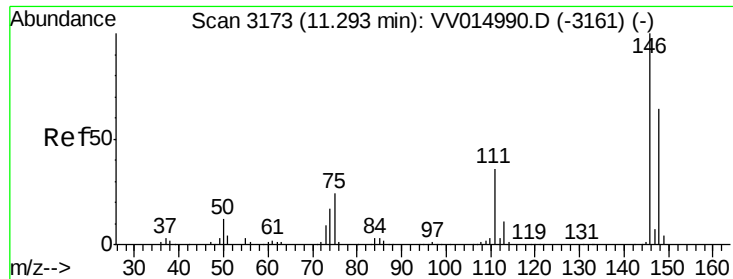
Instrument :
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QLast Update : Wed Mar 18 07:43:00 2020
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#63

1,4-Dichlorobenzene

Concen: 0.993 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015001.D

Acq: 18 Mar 2020 02:47

Instrument :

MSVOA_V

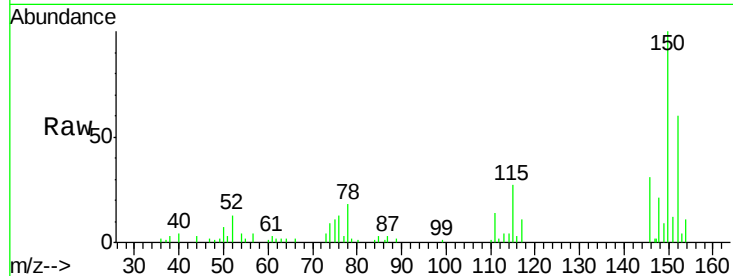
ClientSampled :

C0DG0

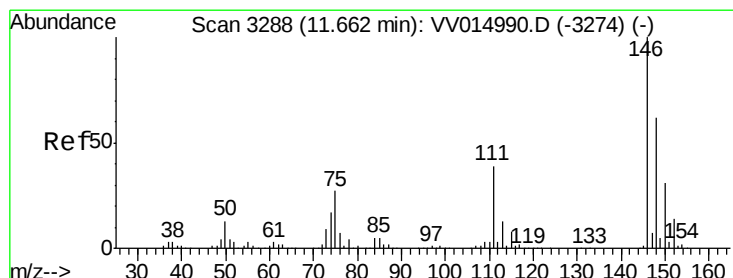
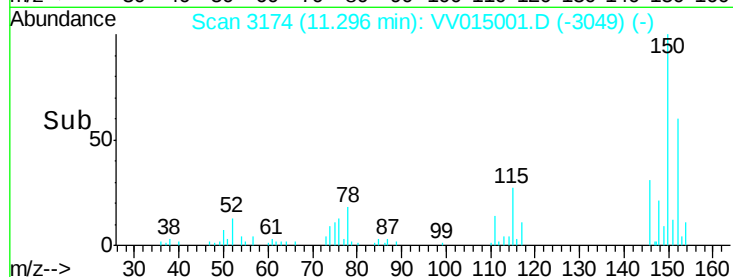
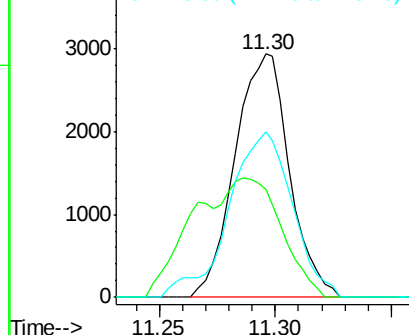
Tot Ion:	146	Resp:	4787
Ion Ratio	Lower	Upper	
146	100		
111	44.2	26.0	48.2
148	68.1	46.1	85.5

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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: 0.755 ug/L

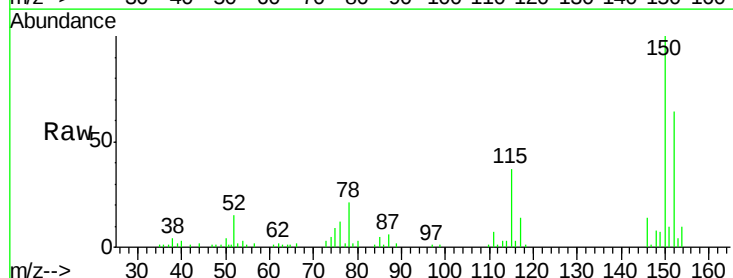
RT: 11.67 min Scan# 3290

Delta R.T. 0.01 min

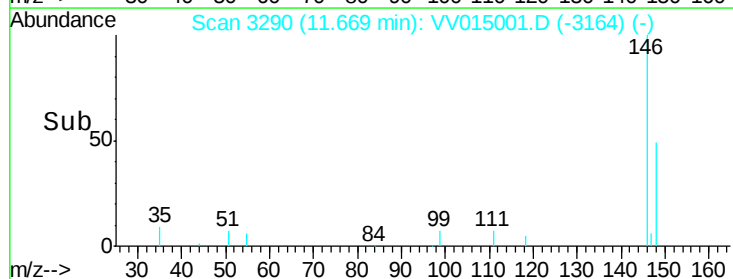
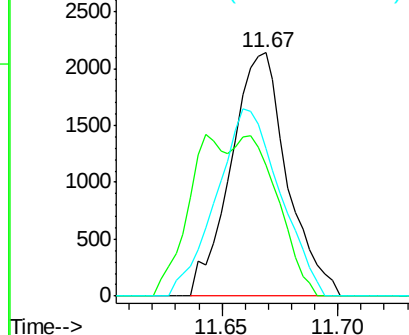
Lab File: VV015001.D

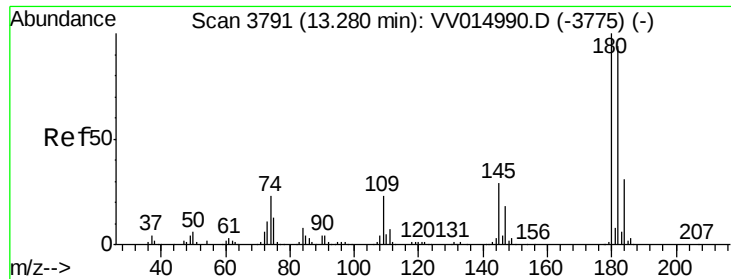
Acq: 18 Mar 2020 02:47

Tgt Ion:	146	Resp:	3610
Ion Ratio	Lower	Upper	
146	100		
111	53.9	31.6	47.4#
148	60.7	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: 1.162 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV015001.D
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Tot Ion:	180	Resp:	3885
Ion Ratio	Lower	Upper	
180	100		
182	90.8	76.3	114.5
145	29.5	23.1	34.7

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