

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014999.D
 Acq On : 18 Mar 2020 01:58
 Operator : SY/MD
 Sample : L1940-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB0

Quant Time: Mar 18 08:25:30 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	313167	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70035	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.14%
7) Chloroethane-d5	1.58	69	59899	38.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.30%
11) 1,1-Dichloroethene-d2	2.12	63	94154	29.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.82%#
21) 2-Butanone-d5	3.93	46	103710	81.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.53%
24) Chloroform-d	4.38	84	195034	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.06	65	127978	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.08	84	381146	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.10	67	115712	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.34	98	368475	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%
43) trans-1,3-Dichloropropene-	7.64	79	52541	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
47) 2-Hexanone-d5	8.12	63	105774	93.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169787	46.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	165324	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

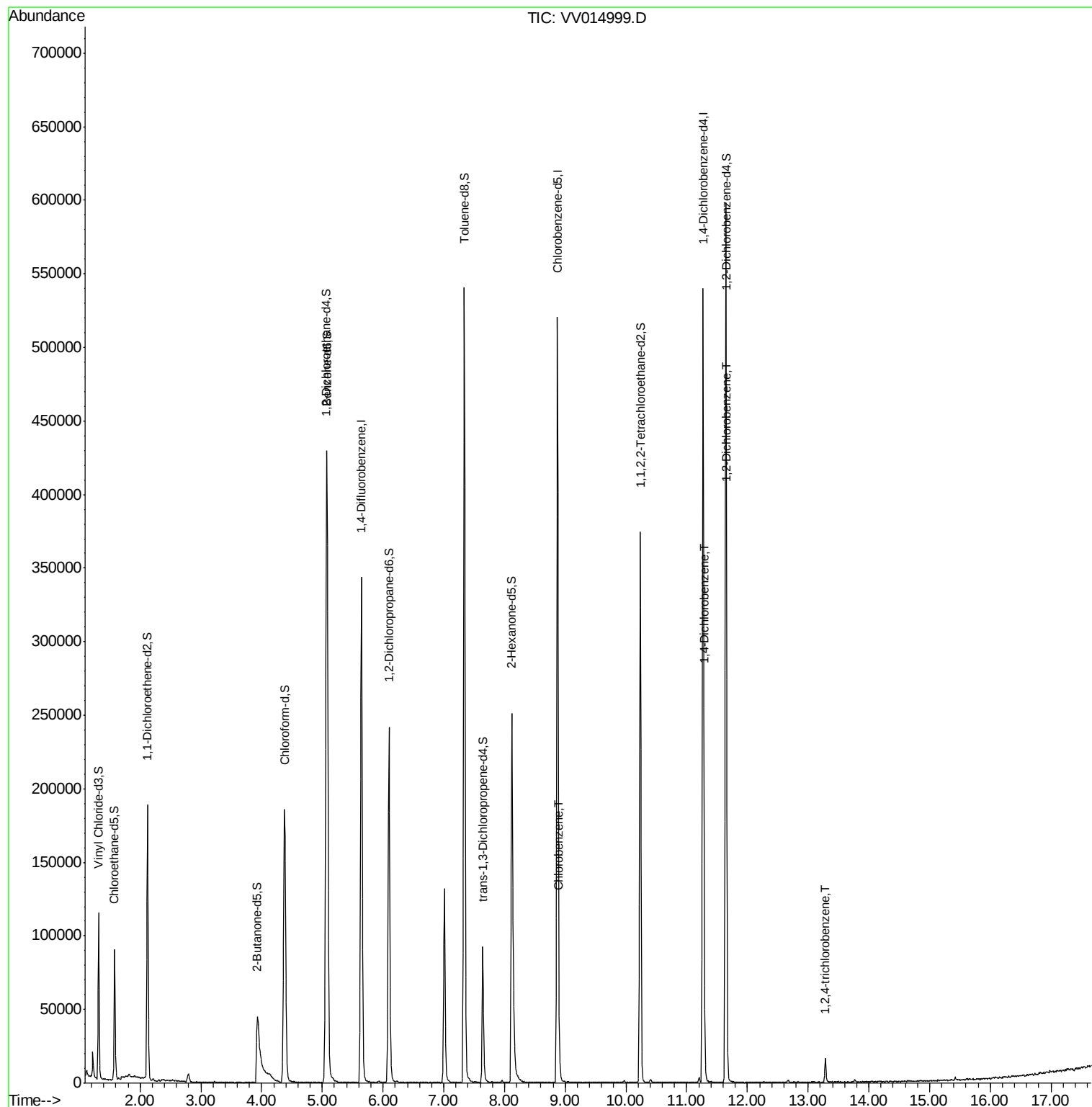
Target Compounds					Ovalue
51) Chlorobenzene	8.90	112	6148	0.958 ug/L	91
63) 1,4-Dichlorobenzene	11.29	146	17072	3.445 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	9320	1.896 ug/L	93
68) 1,2,4-trichlorobenzene	13.29	180	5356	1.558 ug/L	98

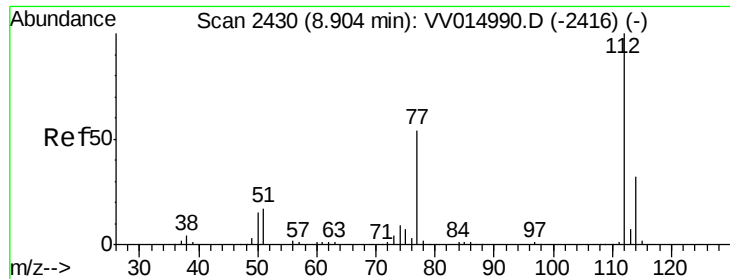
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 0.958 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

C0DB0

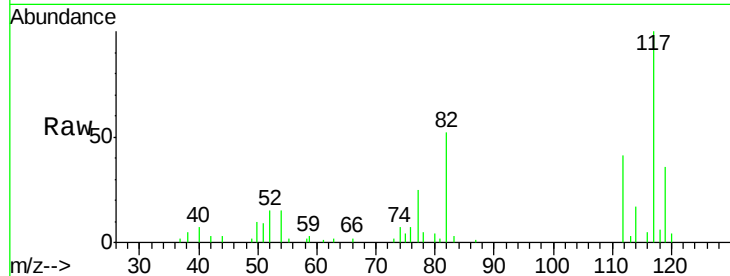
Tot Ion:112 Resp: 6148

Ion Ratio Lower Upper

112 100

114 40.9 22.8 42.4

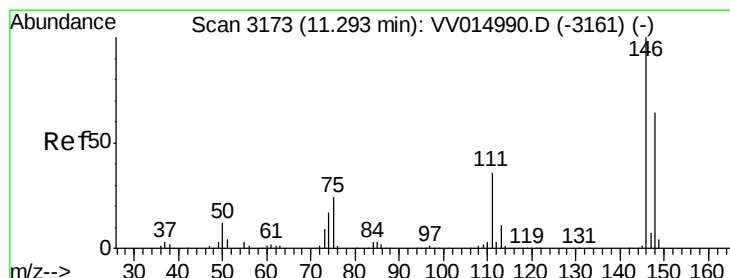
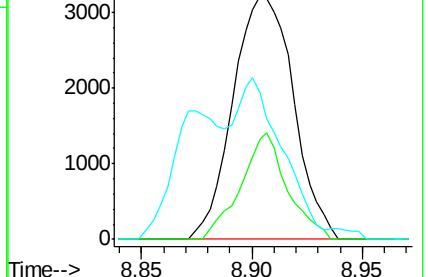
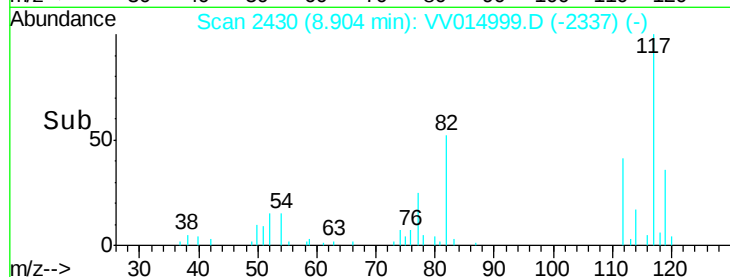
77 60.2 44.5 66.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,4-Dichlorobenzene

Concen: 3.445 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014999.D

Acq: 18 Mar 2020 01:58

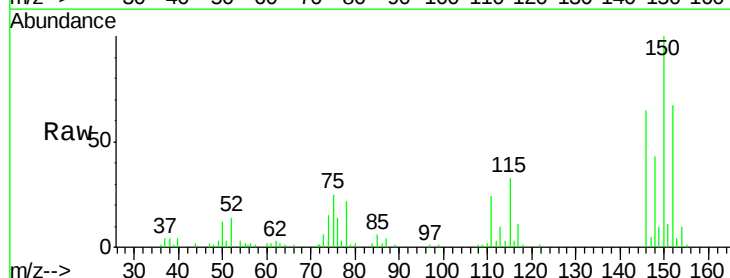
Tgt Ion:146 Resp: 17072

Ion Ratio Lower Upper

146 100

111 37.4 26.0 48.2

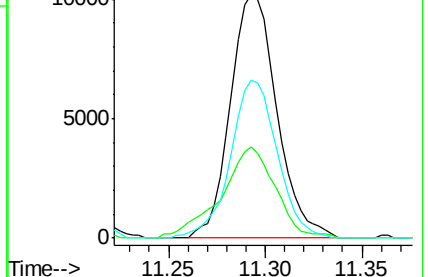
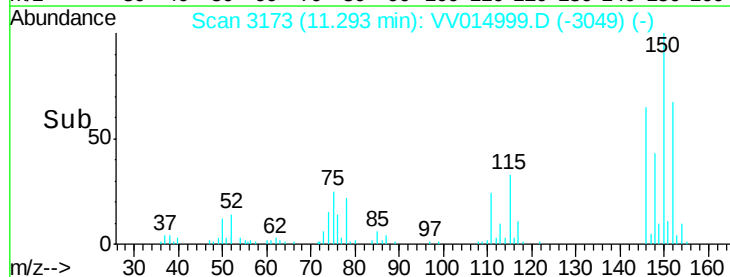
148 64.9 46.1 85.5

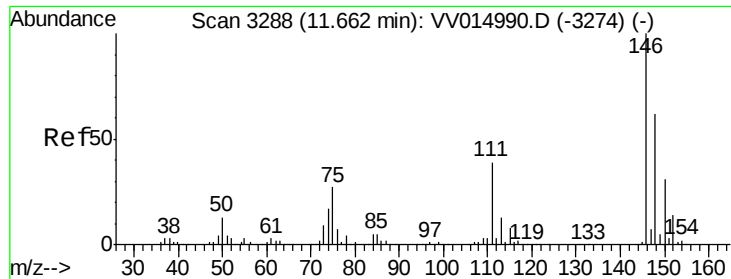


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 1.896 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014999.D

Acq: 18 Mar 2020 01:58

Instrument :

MSVOA_V

ClientSampled :

C0DB0

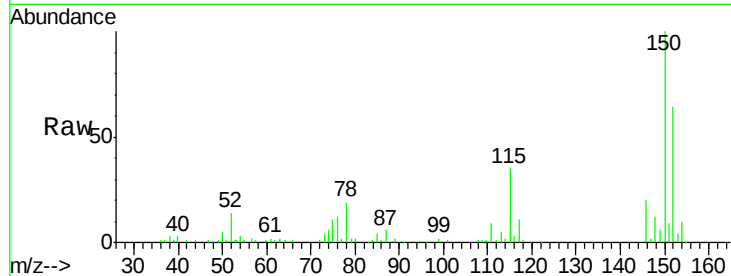
Tot Ion:146 Resp: 9320

Ion Ratio Lower Upper

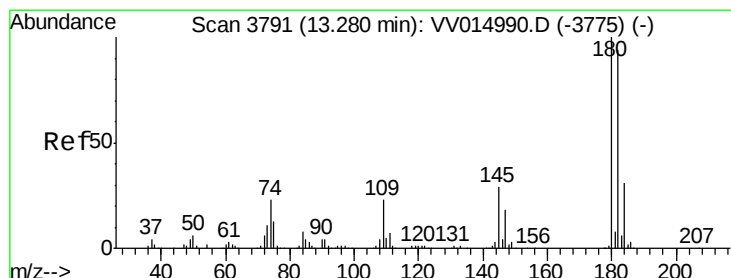
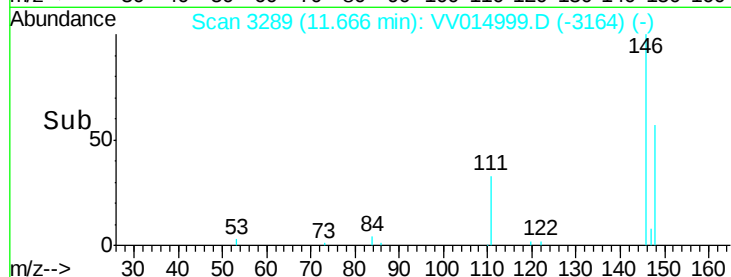
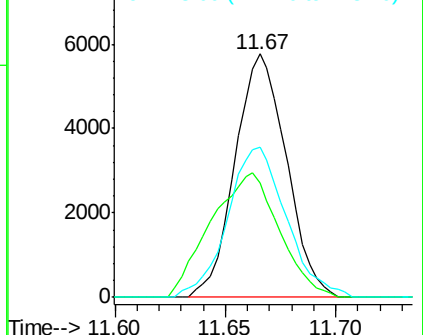
146 100

111 47.1 31.6 47.4

148 61.7 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: 1.558 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.01 min

Lab File: VV014999.D

Acq: 18 Mar 2020 01:58

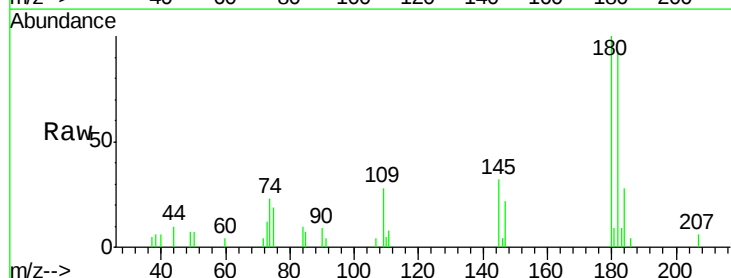
Tgt Ion:180 Resp: 5356

Ion Ratio Lower Upper

180 100

182 93.1 76.3 114.5

145 28.0 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

