

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014869.D
 Acq On : 12 Mar 2020 15:40
 Operator : SY/MD
 Sample : L1835-01 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK5

Quant Time: Mar 13 03:56:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 03:30:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	420722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	399177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195405	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113381	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.58	69	89935	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.12	63	144402	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	3.93	46	150253	70.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.76%
24) Chloroform-d	4.38	84	243113	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.06	65	158763	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
32) Benzene-d6	5.08	84	489488	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.10	67	147603	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.50%
41) Toluene-d8	7.34	98	473142	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloropropene-	7.64	79	71336	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
47) 2-Hexanone-d5	8.12	63	157645	101.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212673	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	191258	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

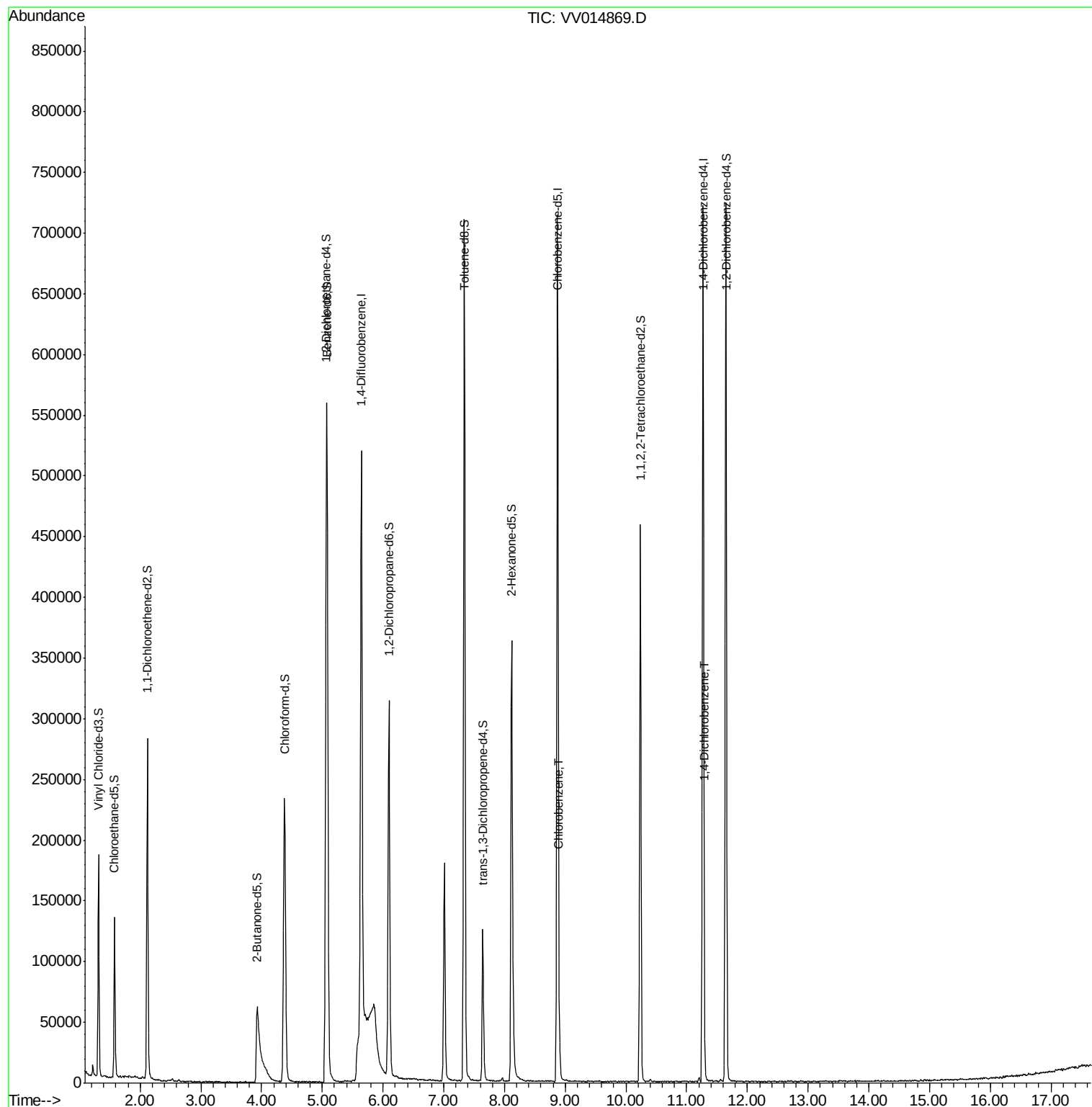
Target Compounds					Ovalue
51) Chlorobenzene	8.90	112	12093	1.473 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	6374	1.001 ug/L	96

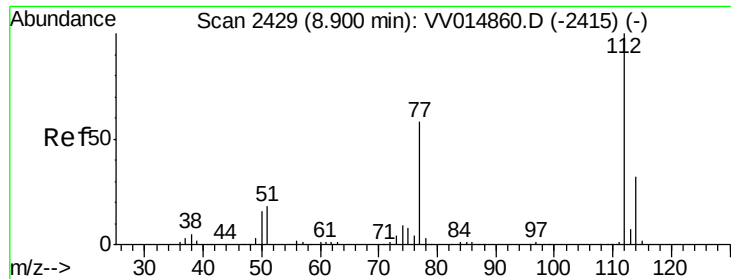
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 1.473 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

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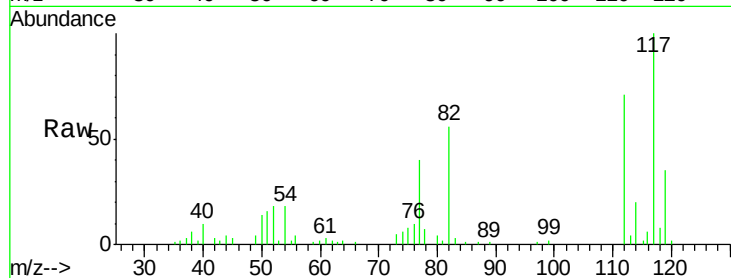
Tot Ion:112 Resp: 12093

Ion Ratio Lower Upper

112 100

114 28.4 22.1 41.1

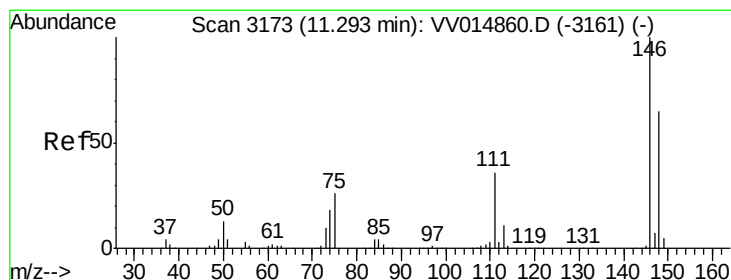
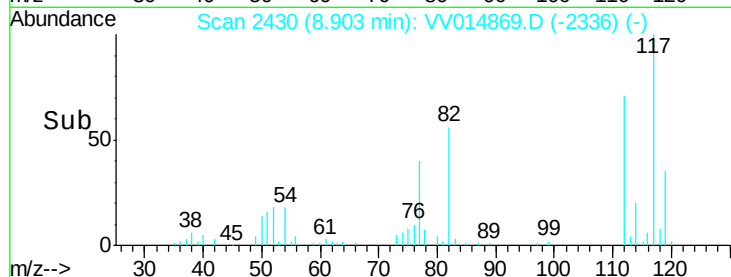
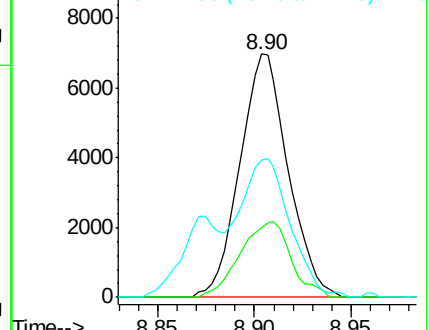
77 56.6 47.8 71.8



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: 1.001 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

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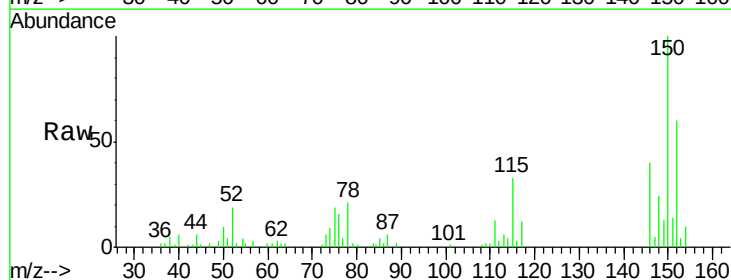
Tgt Ion:146 Resp: 6374

Ion Ratio Lower Upper

146 100

111 33.8 26.3 48.9

148 60.7 44.0 81.8



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

