

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012746.D
 Acq On : 13 Sep 2019 23:59
 Operator : SY/MD
 Sample : K4868-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMK7

Quant Time: Sep 14 02:21:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:58:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	774229	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	718947	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	261249	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	202106	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.12%
7) Chloroethane-d5	1.58	69	192774	49.09	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.18%
11) 1,1-Dichloroethene-d2	2.13	63	303377	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	3.92	46	468722	103.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.01%
24) Chloroform-d	4.40	84	525606	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.08	65	338053	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.10	84	993248	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
36) 1,2-Dichloropropane-d6	6.12	67	353074	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.32%
41) Toluene-d8	7.36	98	849594	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%
43) trans-1,3-Dichloropropene-	7.66	79	136163	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.13	63	243971	93.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.93%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	413439	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	338913	56.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.68%

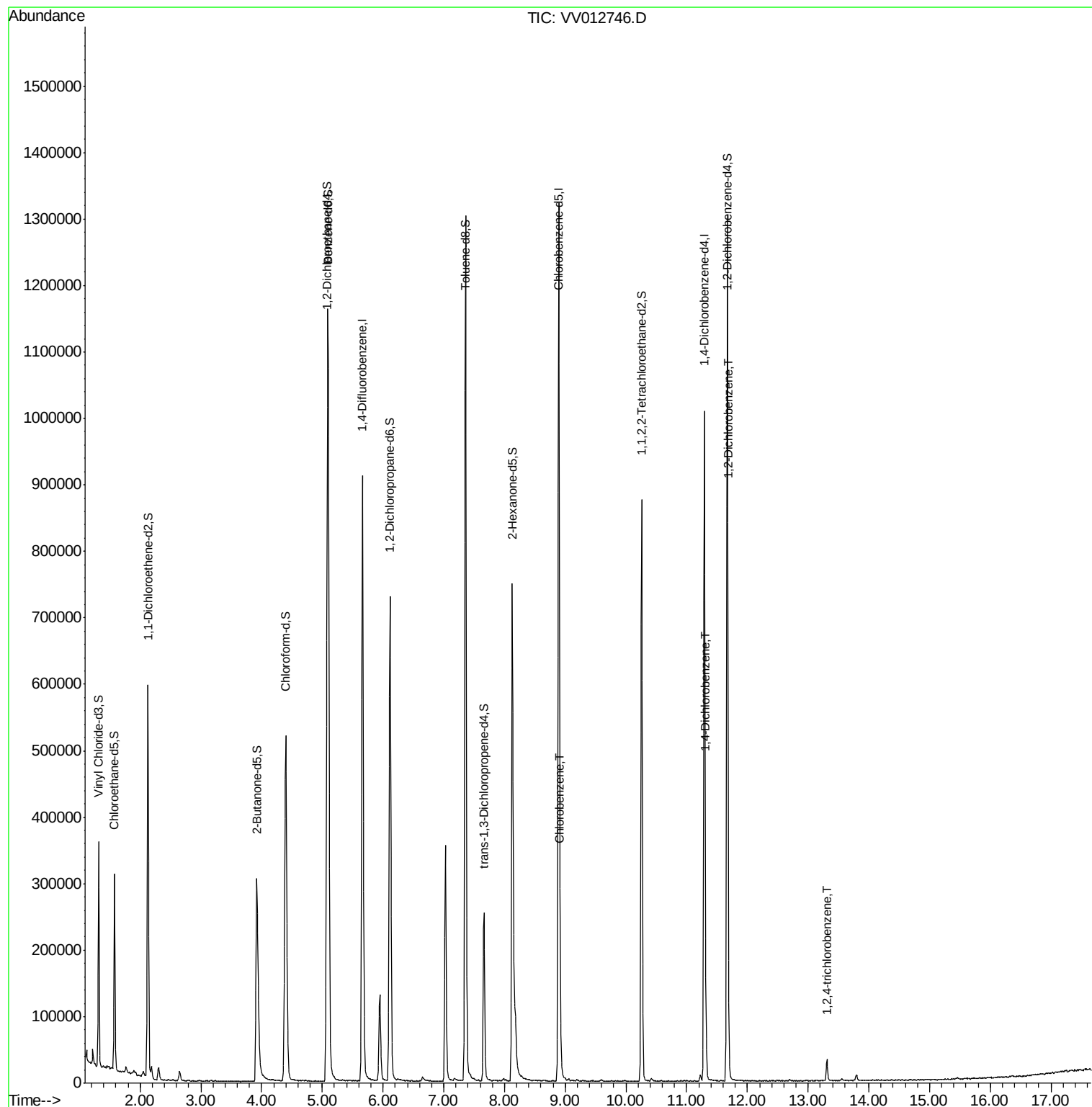
Target Compounds					Ovalue
51) Chlorobenzene	8.92	112	27870	2.003 ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	30008	3.625 ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	24418	2.878 ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	10406	2.066 ug/L	99

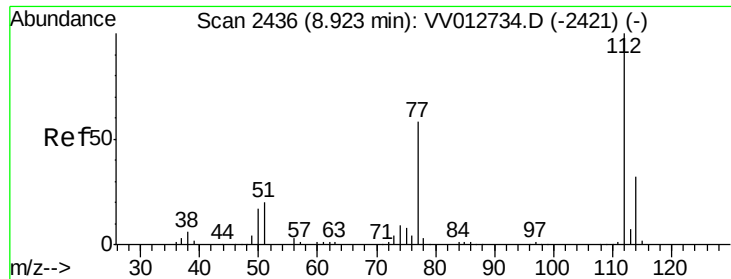
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 2.003 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

COMK7

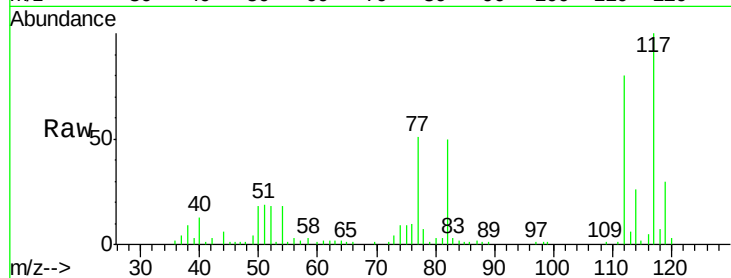
Tot Ion:112 Resp: 27870

Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

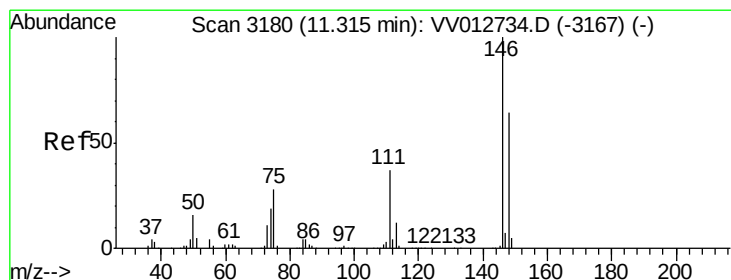
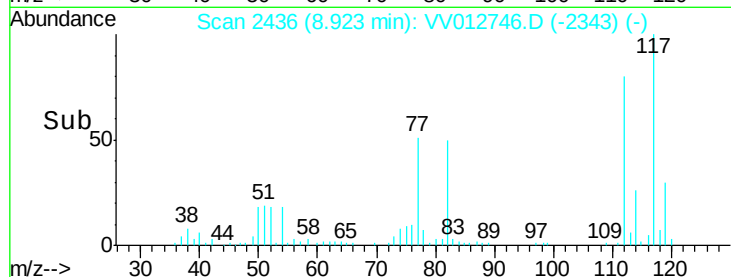
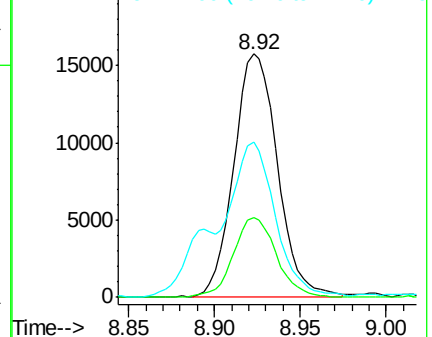
77 63.6 46.7 70.1



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: 3.625 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012746.D

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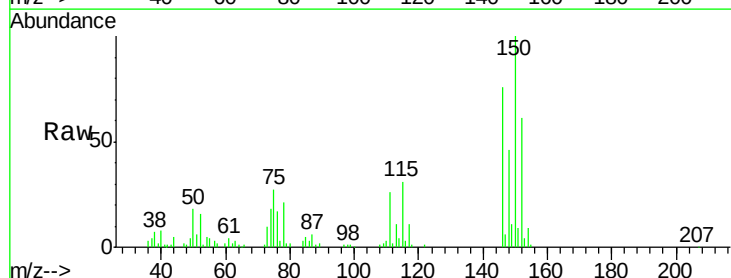
Tgt Ion:146 Resp: 30008

Ion Ratio Lower Upper

146 100

111 34.2 26.2 48.8

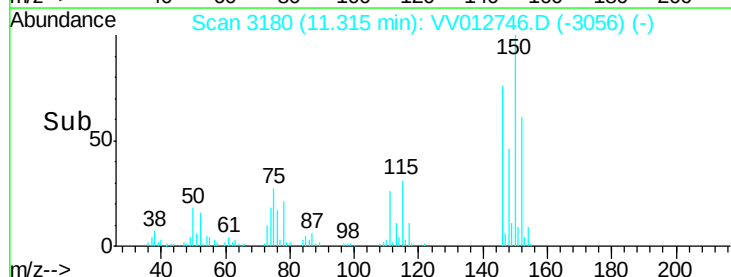
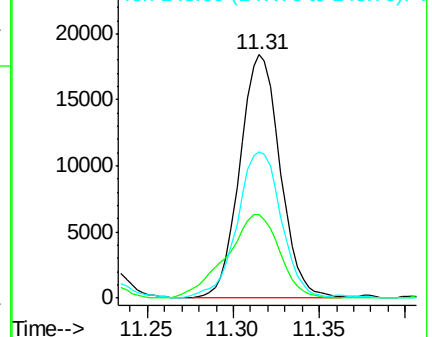
148 60.2 45.0 83.6

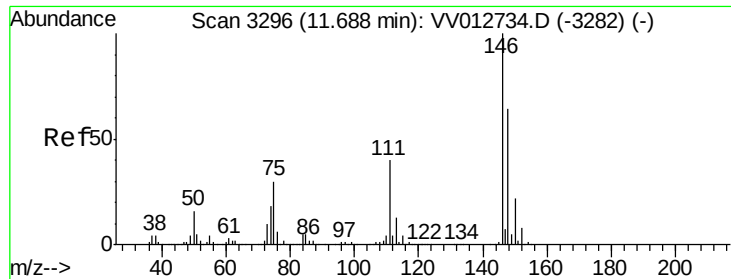


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

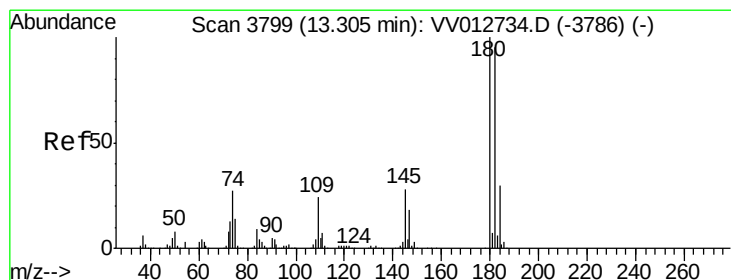
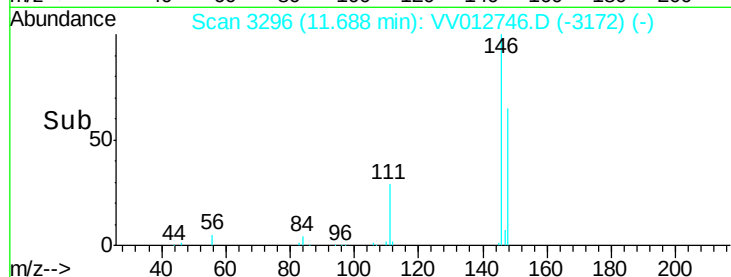
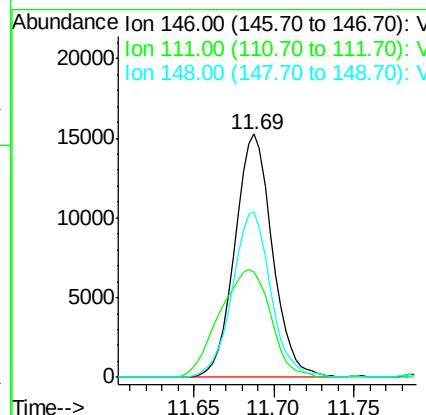
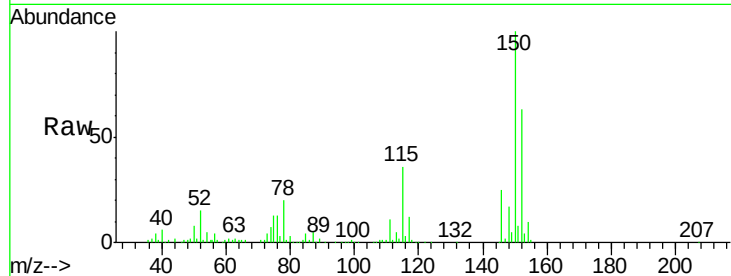




#65
 1,2-Dichlorobenzene
 Concen: 2.878 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012746.D
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Tot Ion:146 Resp: 24418
 Ion Ratio Lower Upper
 146 100
 111 43.1 32.2 48.2
 148 68.2 51.5 77.3



#68
 1,2,4-trichlorobenzene
 Concen: 2.066 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012746.D
 Acq: 13 Sep 2019 23:59

Tgt Ion:180 Resp: 10406
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.8 115.2
 145 28.1 23.0 34.4

