

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007998.D
 Acq On : 01 Oct 2018 16:43
 Operator : SY/MD
 Sample : J5091-01DL 40X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S5DL

Quant Time: Oct 02 04:13:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17439	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.59	69	17626	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.13	63	29842	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.97	46	74164	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.41	84	49553	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	27326	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	91442	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.13	67	30180	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	83436	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.67	79	10534	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	53214	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23644	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38973	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

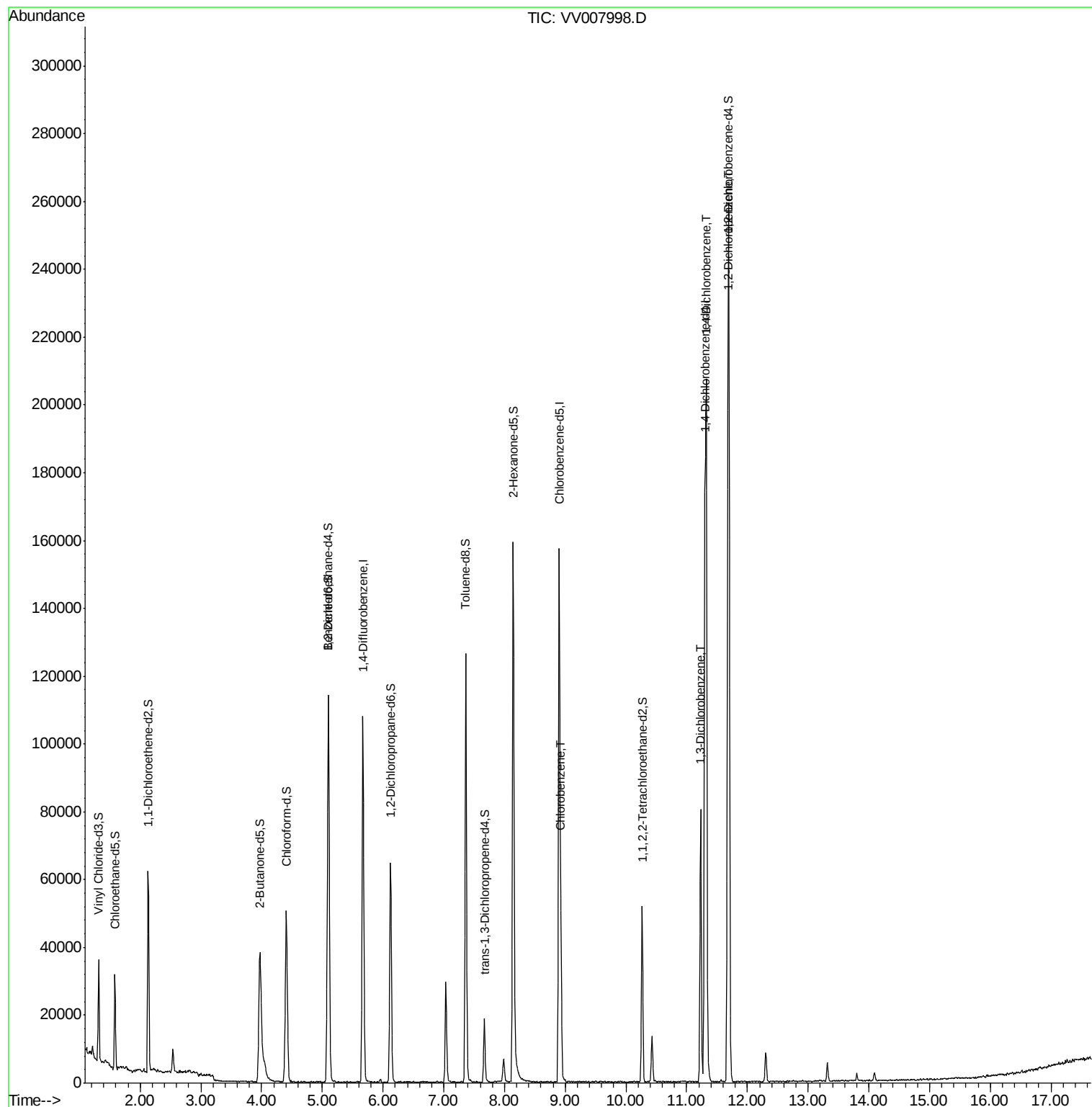
Target Compounds					Ovalue
51) Chlorobenzene	8.93	112	24508	1.323 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	35257	2.428 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	81121	5.373 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	95345	6.966 ug/L	99

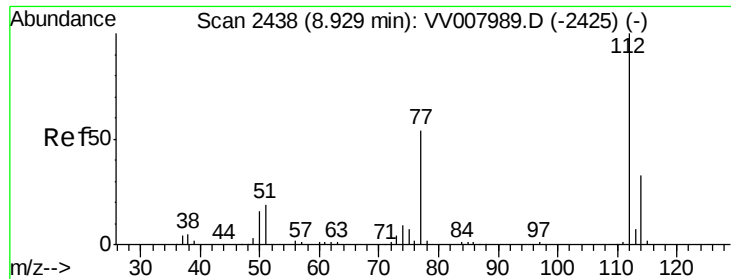
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 1.323 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

E62S5DL

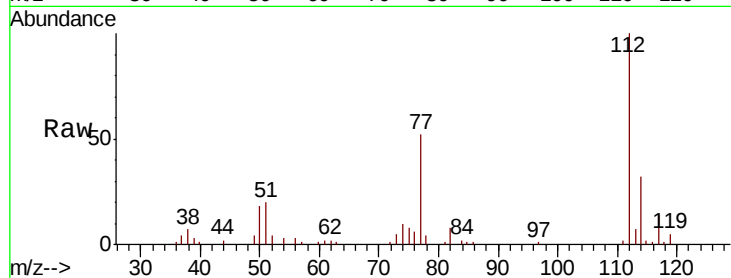
Tot Ion:112 Resp: 24508

Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

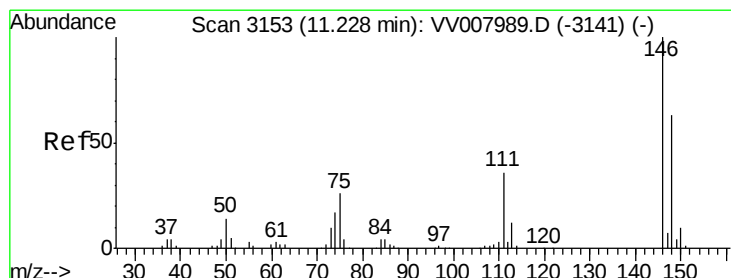
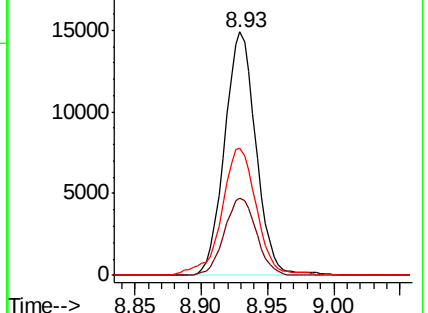
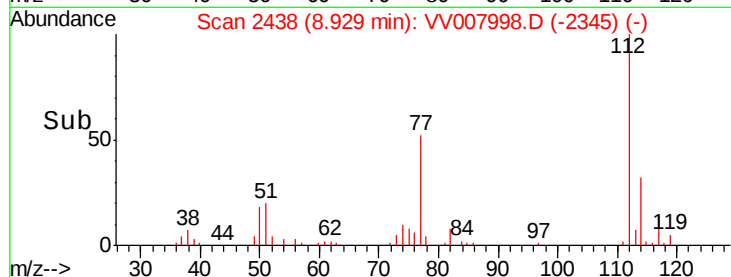
77 52.3 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



#62

1,3-Dichlorobenzene

Concen: 2.428 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007998.D

Acq: 01 Oct 2018 16:43

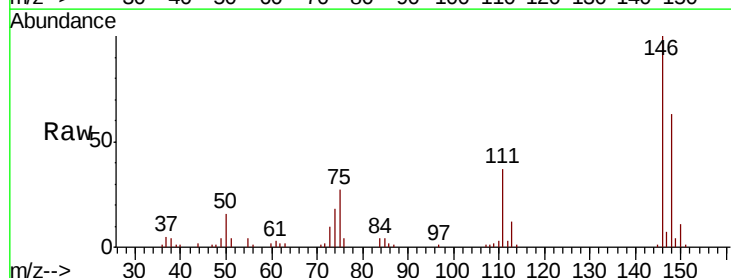
Tgt Ion:146 Resp: 35257

Ion Ratio Lower Upper

146 100

111 37.1 25.8 48.0

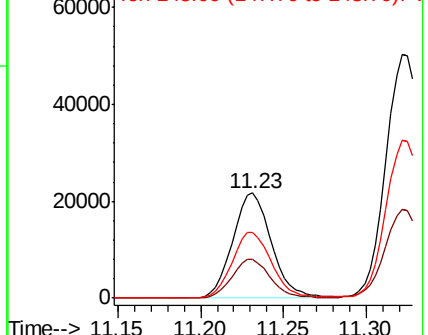
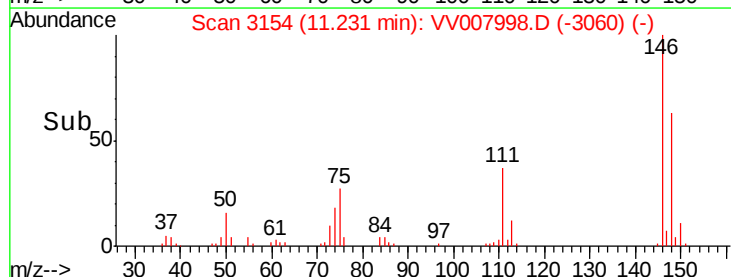
148 62.6 44.7 82.9

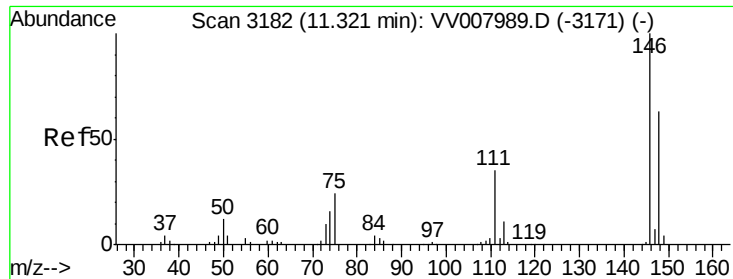


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

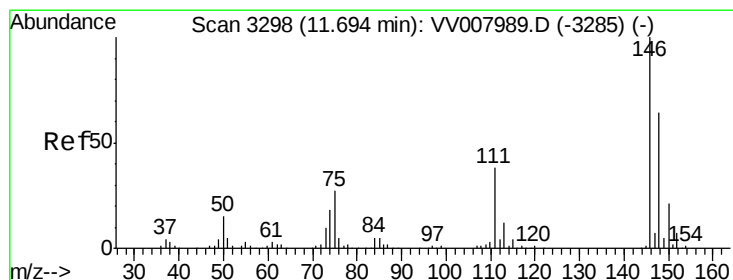
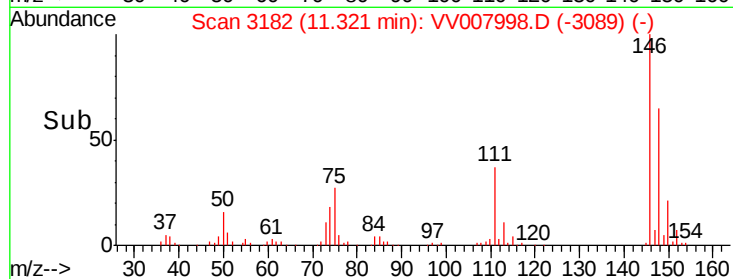
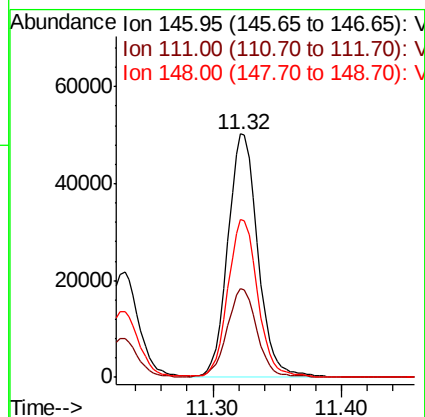
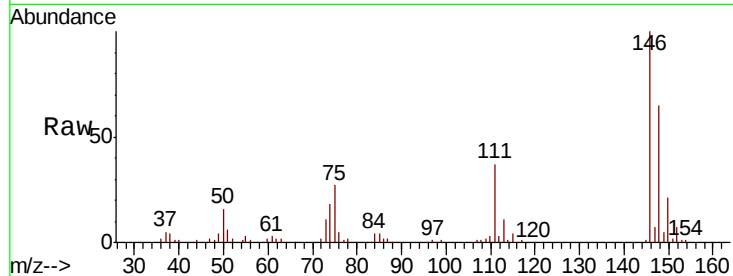




#63
 1,4-Dichlorobenzene
 Concen: 5.373 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007998.D
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Tot Ion:146 Resp: 81121
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.3 47.1
 148 64.7 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 6.966 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007998.D
 Acq: 01 Oct 2018 16:43

Tgt Ion:146 Resp: 95345
 Ion Ratio Lower Upper
 146 100
 111 38.3 31.2 46.8
 148 63.9 50.3 75.5

