

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007748.D
 Acq On : 22 Sep 2018 21:12
 Operator : SY/MD
 Sample : J5012-14
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q3

Quant Time: Sep 24 04:20:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184562	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39983	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.59	69	39223	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.06%
11) 1,1-Dichloroethene-d2	2.14	63	77721	32.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.72%
21) 2-Butanone-d5	3.95	46	56774	85.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.70%
24) Chloroform-d	4.41	84	89856	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.68%
26) 1,2-Dichloroethane-d4	5.09	65	61465	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
32) Benzene-d6	5.11	84	181134	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.13	67	54161	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.50%
41) Toluene-d8	7.36	98	185975	43.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.86%
43) trans-1,3-Dichloropropene-	7.67	79	21838	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
47) 2-Hexanone-d5	8.14	63	43041	80.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79795	42.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	86496	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

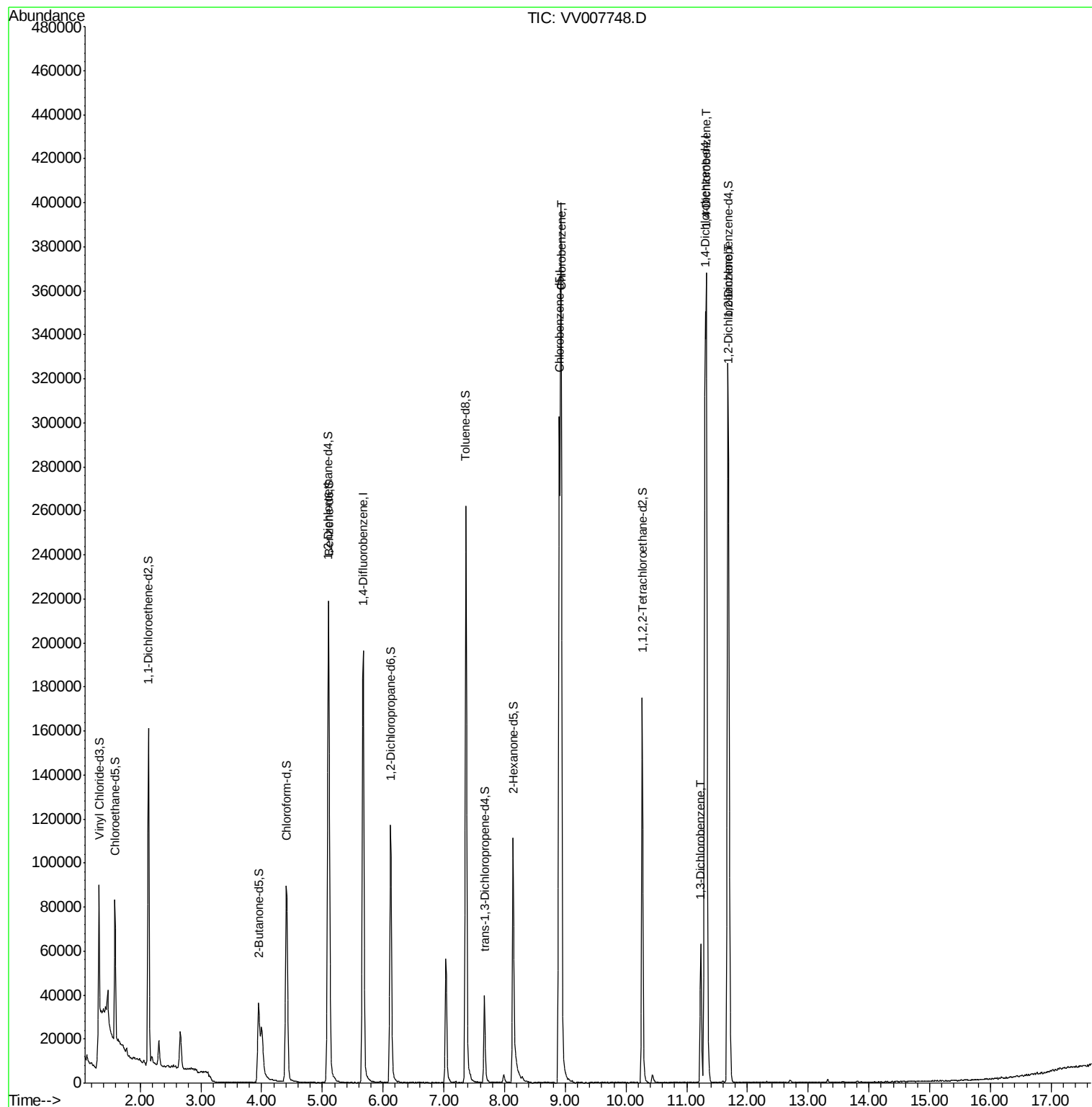
					Ovalue
51) Chlorobenzene	8.93	112	217383	59.616 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	29170	9.766 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	145651	47.013 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	62244	20.610 ug/L	98

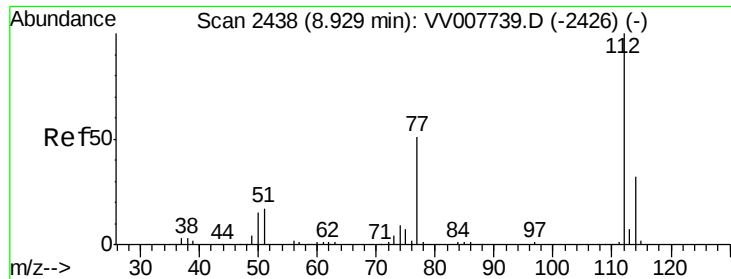
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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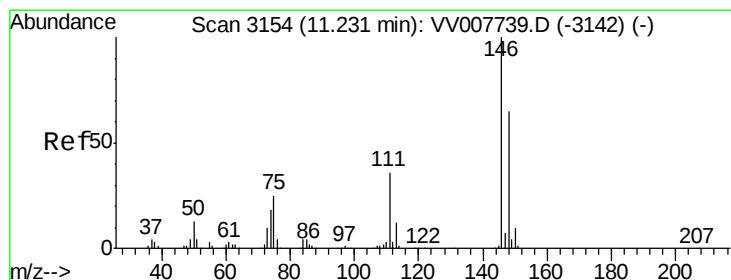
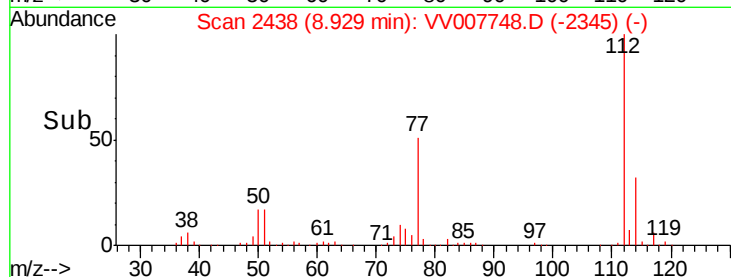
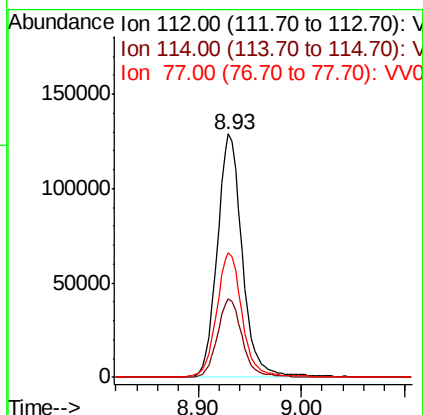
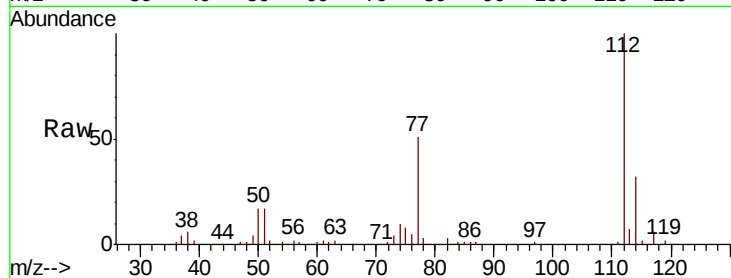




#51
Chlorobenzene
Concen: 59.616 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007748.D
Acq: 22 Sep 2018 21:12

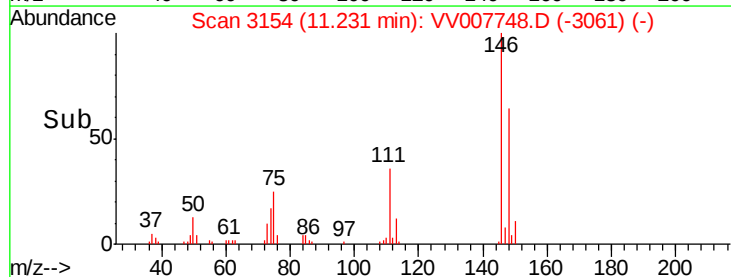
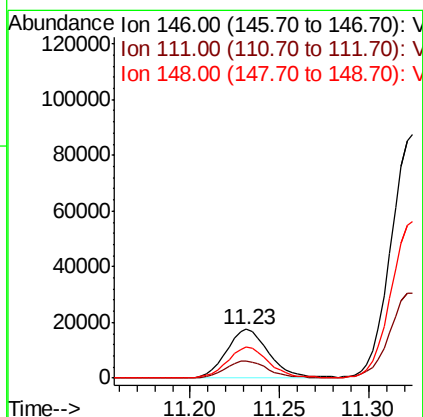
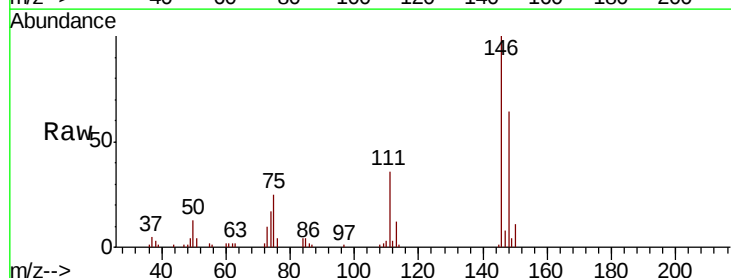
Instrument :
MSVOA_V
ClientSampleId :
C08Q3

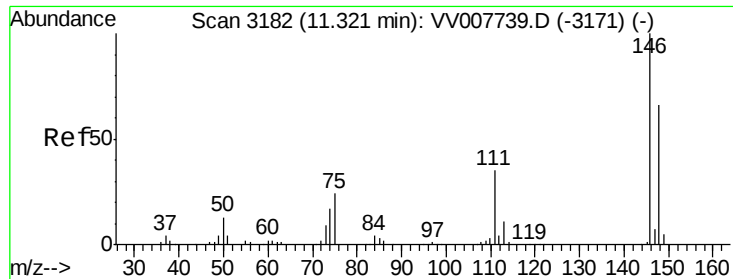
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	51.4	40.6	60.8



#62
1,3-Dichlorobenzene
Concen: 9.766 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. -0.00 min
Lab File: VV007748.D
Acq: 22 Sep 2018 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	25.1	46.7
148	63.6	45.1	83.9

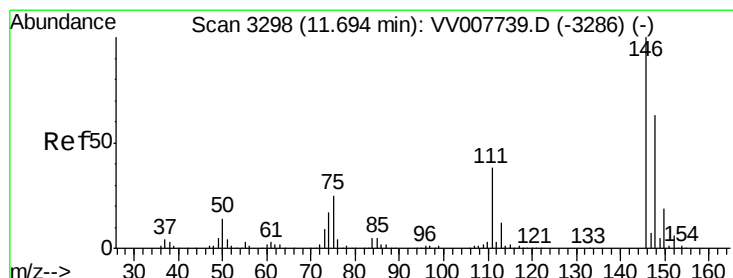
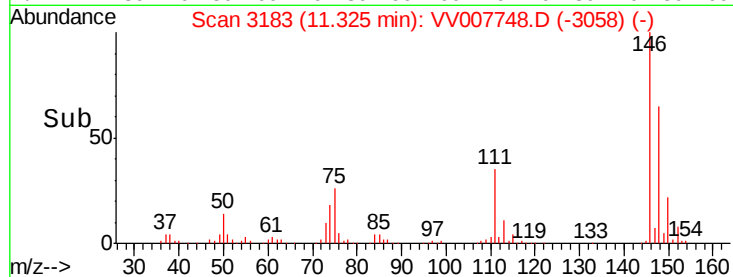
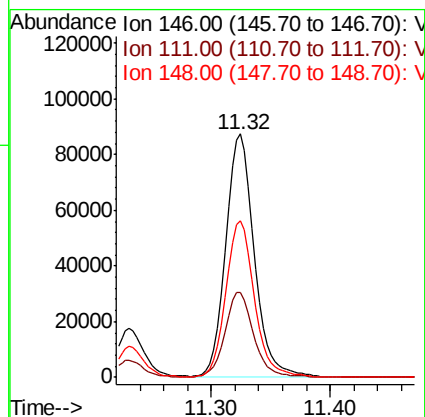
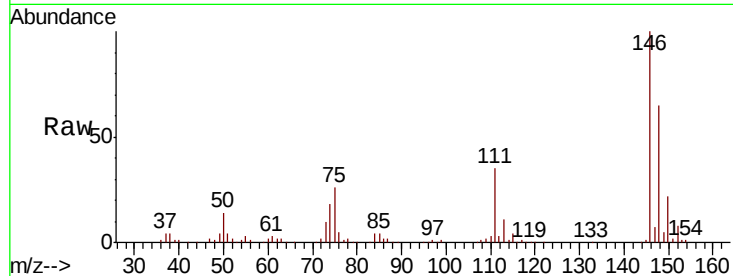




#63
 1,4-Dichlorobenzene
 Concen: 47.013 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007748.D
 Acq: 22 Sep 2018 21:12

Instrument :
 MSVOA_V
 ClientSampled :
 C08Q3

Tot Ion:146 Resp: 145651
 Ion Ratio Lower Upper
 146 100
 111 34.9 24.4 45.4
 148 64.6 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 20.610 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007748.D
 Acq: 22 Sep 2018 21:12

Tgt Ion:146 Resp: 62244
 Ion Ratio Lower Upper
 146 100
 111 36.3 29.8 44.8
 148 65.3 50.8 76.2

