

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007749.D
 Acq On : 22 Sep 2018 21:37
 Operator : SY/MD
 Sample : J5012-16
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q5

Quant Time: Sep 24 04:24:06 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	183263	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39719	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.59	69	39730	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.78%
11) 1,1-Dichloroethene-d2	2.14	63	77206	32.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.76%
21) 2-Butanone-d5	3.95	46	54678	83.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.12%
24) Chloroform-d	4.41	84	90989	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
26) 1,2-Dichloroethane-d4	5.09	65	61028	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
32) Benzene-d6	5.11	84	182732	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.13	67	55161	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.66%
41) Toluene-d8	7.36	98	187226	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%
43) trans-1,3-Dichloropropene-	7.67	79	22646	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.44%
47) 2-Hexanone-d5	8.14	63	43317	82.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.61%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79040	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	85412	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

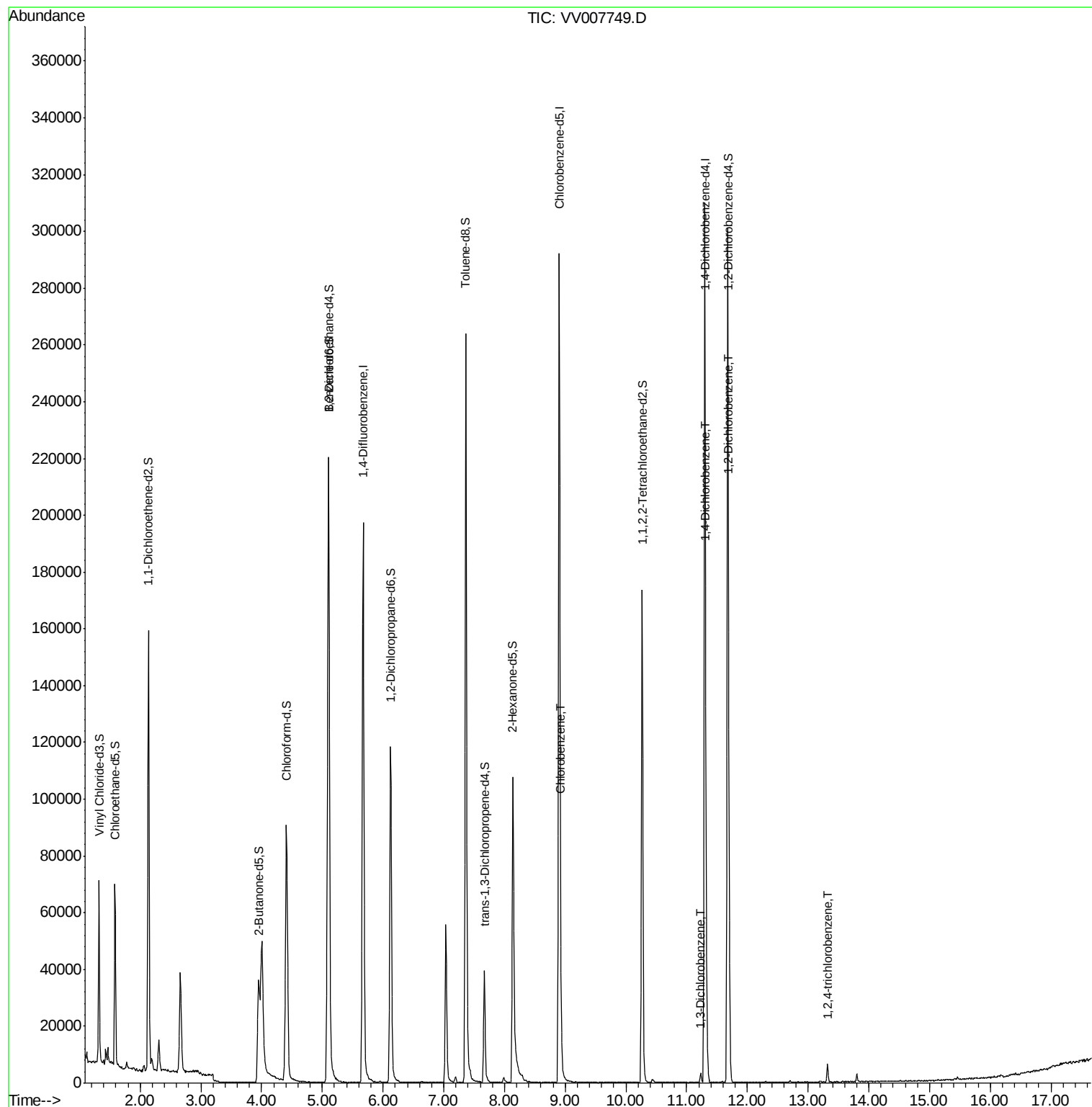
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	8.93	112	10203	2.844	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	1858	0.633	ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	8628	2.835	ug/L	94
65) 1,2-Dichlorobenzene	11.70	146	19122	6.445	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	2576	1.165	ug/L	99

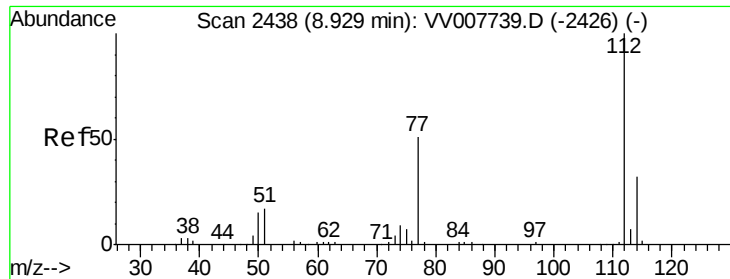
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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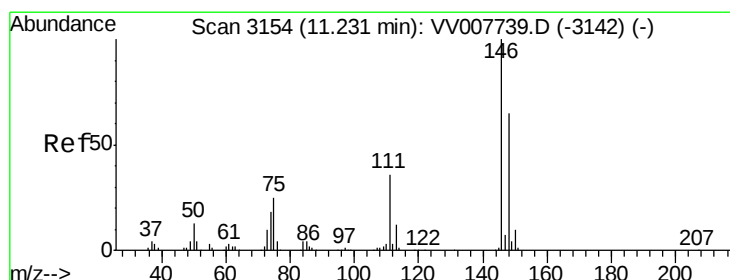
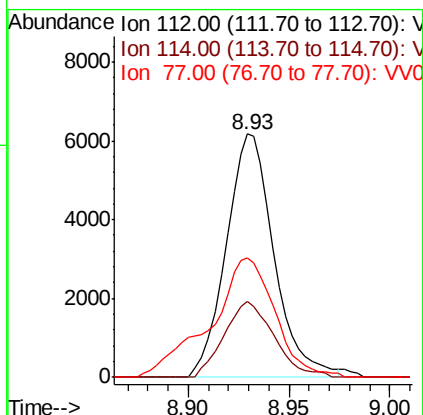
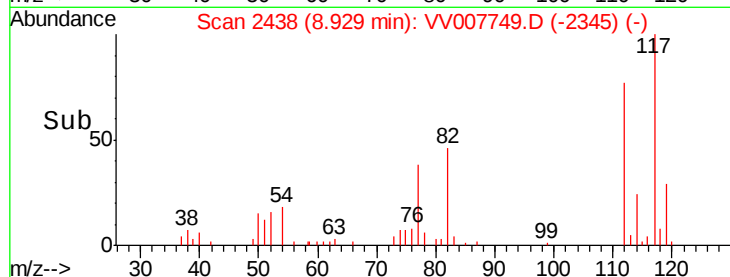
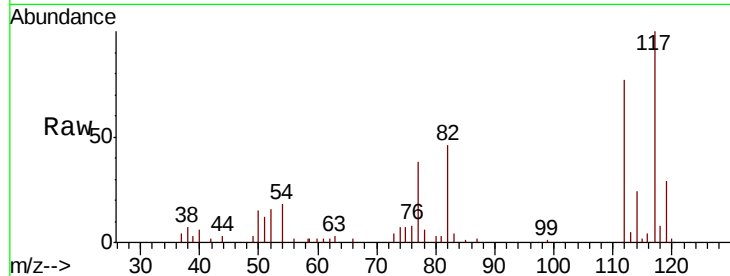




#51
Chlorobenzene
Concen: 2.844 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007749.D
Acq: 22 Sep 2018 21:37

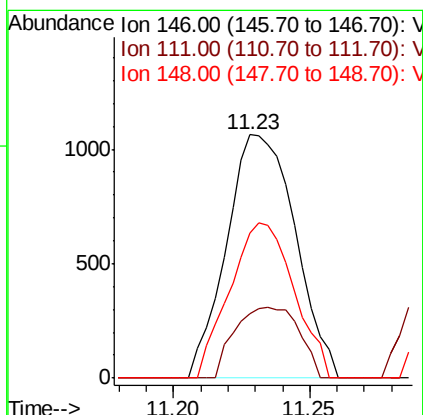
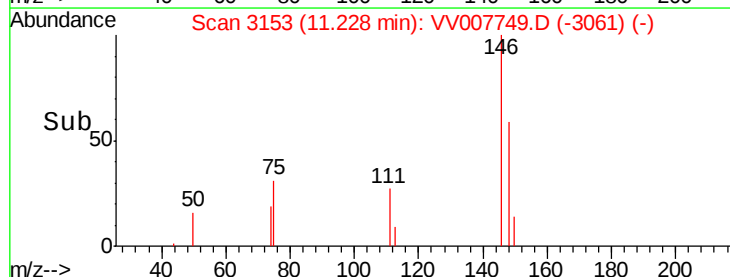
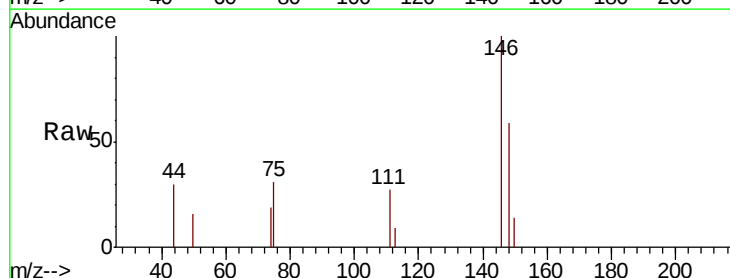
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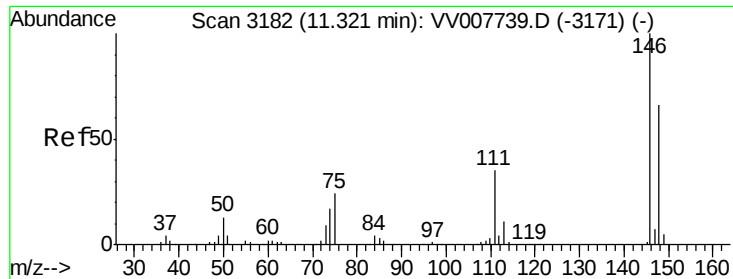
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.3
77	49.0	40.6	60.8



#62
1,3-Dichlorobenzene
Concen: 0.633 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV007749.D
Acq: 22 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	26.7	25.1	46.7
148	59.5	45.1	83.9

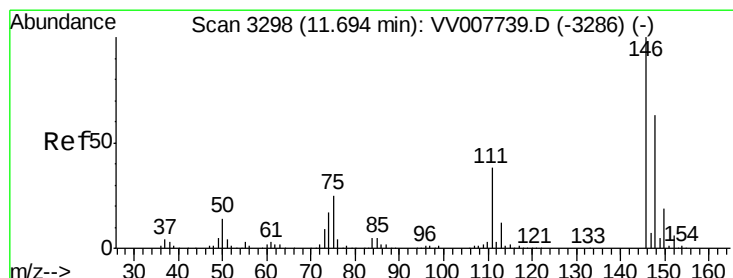
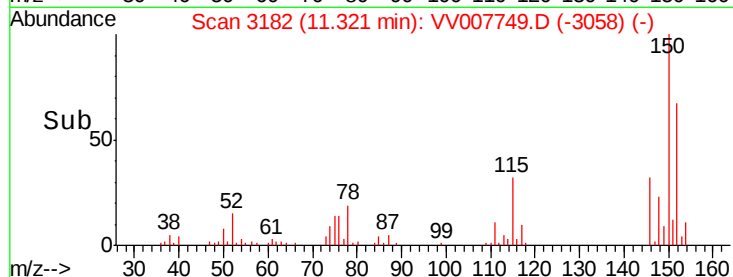
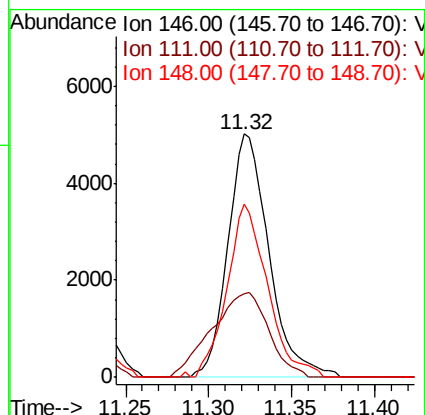
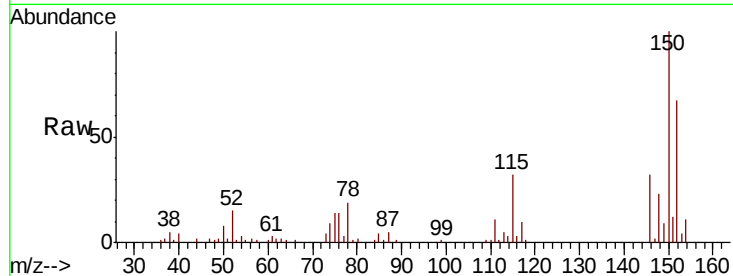




#63
 1,4-Dichlorobenzene
 Concen: 2.835 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007749.D
 Acq: 22 Sep 2018 21:37

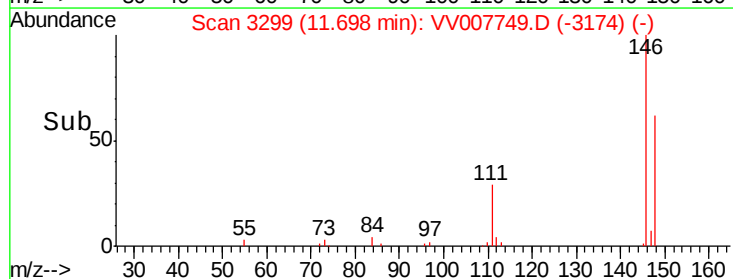
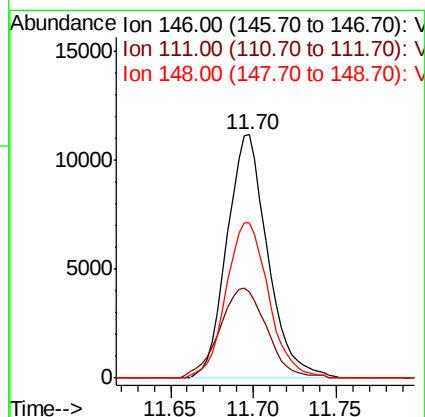
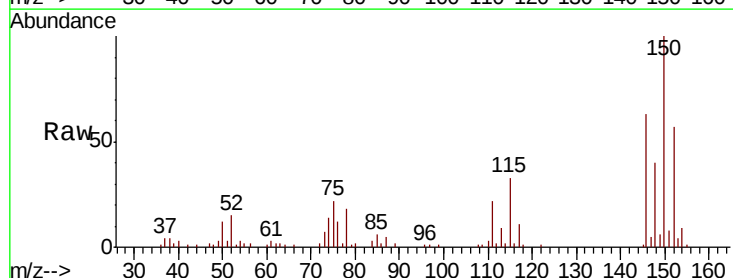
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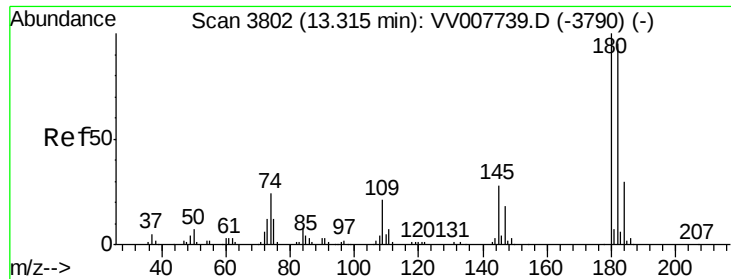
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.2	24.4	45.4
148	71.2	45.1	83.7



#65
 1,2-Dichlorobenzene
 Concen: 6.445 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007749.D
 Acq: 22 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	29.8	44.8
148	64.0	50.8	76.2





#68
 1,2,4-trichlorobenzene
 Concen: 1.165 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007749.D
 Acq: 22 Sep 2018 21:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q5

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.6
145	28.2	22.2	33.2

