

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026950.D
 Acq On : 20 Sep 2018 21:58
 Operator : MD/SY
 Sample : J5012-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M0

Quant Time: Sep 21 06:46:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	192783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85381	59.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.74%
7) Chloroethane-d5	1.66	69	74608	61.12	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.24%
11) 1,1-Dichloroethene-d2	2.27	63	116810	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.58%
21) 2-Butanone-d5	4.18	46	140629	148.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.60%#
24) Chloroform-d	4.65	84	156653	59.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.44%
26) 1,2-Dichloroethane-d4	5.31	65	102839	61.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.48%
32) Benzene-d6	5.34	84	314594	64.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.10%#
36) 1,2-Dichloropropane-d6	6.33	67	103969	66.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.42%#
41) Toluene-d8	7.57	98	259310	58.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.78%
43) trans-1,3-Dichloropropene-	7.85	79	42710	60.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.84%
47) 2-Hexanone-d5	8.31	63	101373	164.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	164.26%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146703	67.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	101138	77.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	154.74%#

Target Compounds

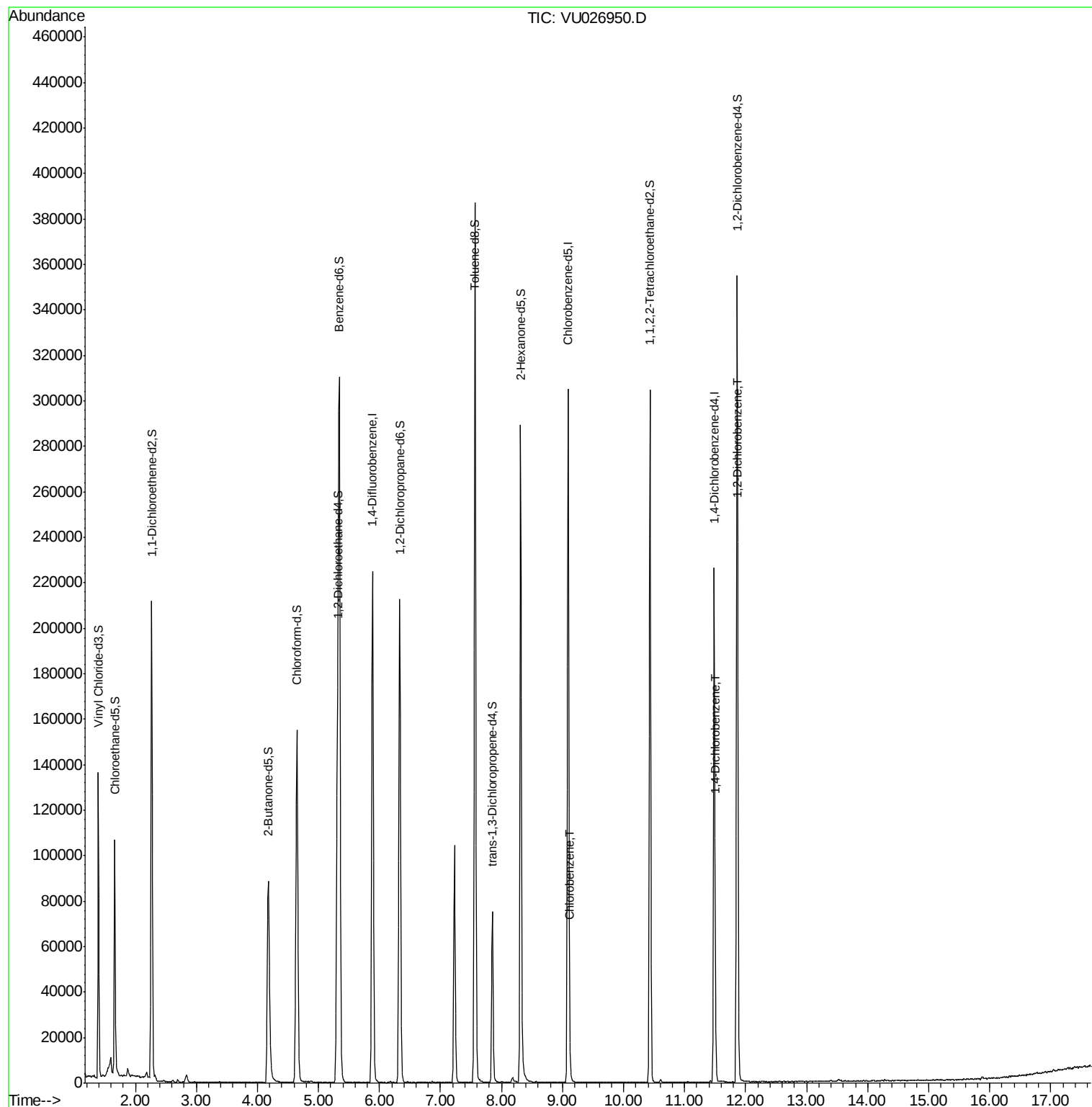
					Ovalue
51) Chlorobenzene	9.12	112	5414	1.462 ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	4458	2.114 ug/L	91
65) 1,2-Dichlorobenzene	11.88	146	4443	2.095 ug/L #	87

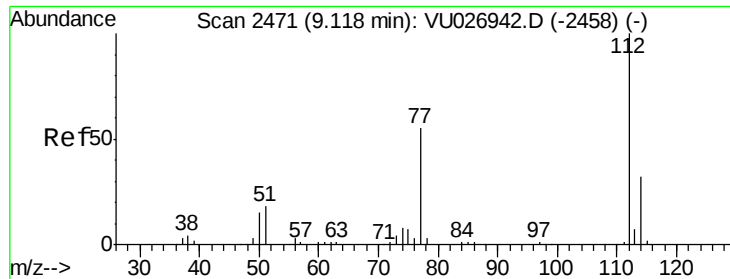
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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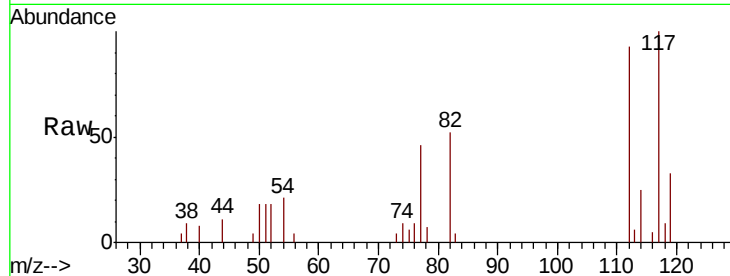




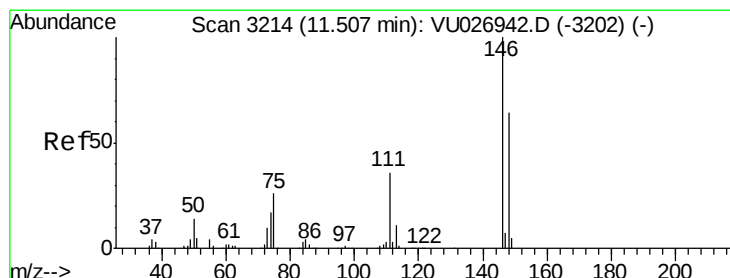
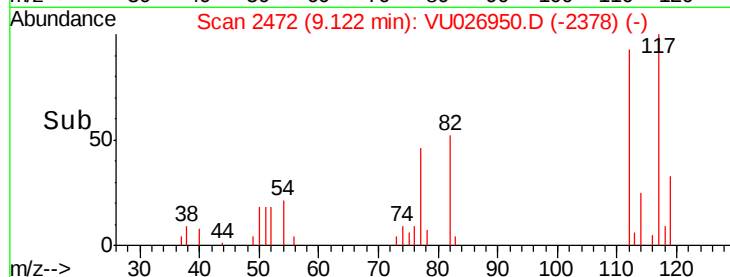
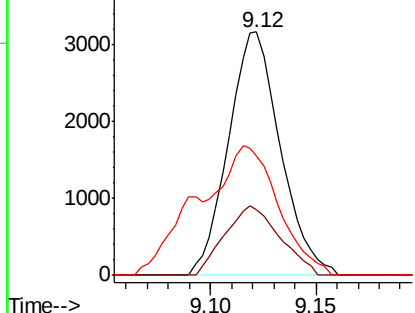
#51
Chlorobenzene
Concen: 1.462 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026950.D
Acq: 20 Sep 2018 21:58

Instrument :
MSVOA_U
ClientSampleId :
C08M0

Tot Ion:112 Resp: 5414
Ion Ratio Lower Upper
112 100
114 26.9 22.3 41.5
77 49.3 45.1 67.7

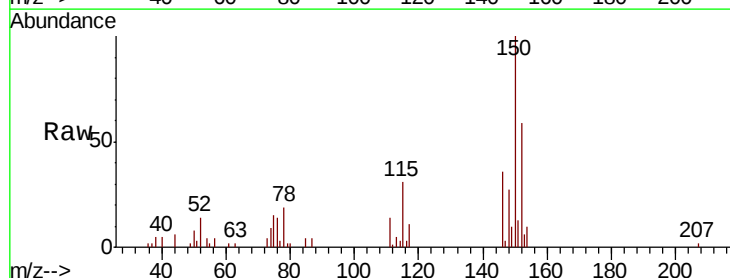


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

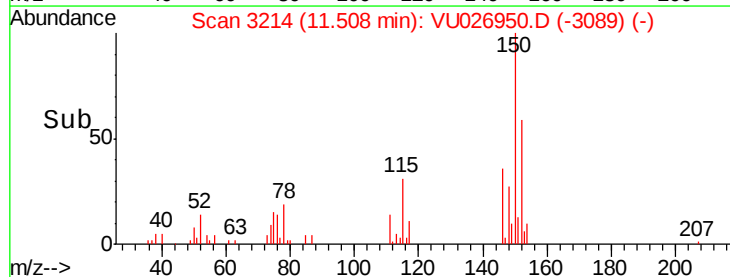
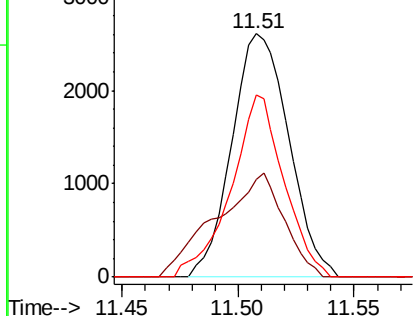


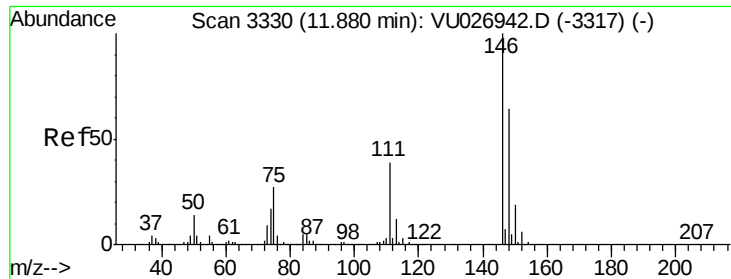
#63
1,4-Dichlorobenzene
Concen: 2.114 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026950.D
Acq: 20 Sep 2018 21:58

Tgt Ion:146 Resp: 4458
Ion Ratio Lower Upper
146 100
111 40.0 26.0 48.2
148 75.1 45.8 85.2



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: 2.095 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026950.D
 Acq: 20 Sep 2018 21:58

Instrument :
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Tot Ion:146 Resp: 4443
 Ion Ratio Lower Upper
 146 100
 111 53.8 31.4 47.0#
 148 69.8 51.4 77.2

