

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026957.D
 Acq On : 21 Sep 2018 00:47
 Operator : MD/SY
 Sample : J5012-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q3

Quant Time: Sep 21 06:55:46 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	197793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79876	54.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.18%
7) Chloroethane-d5	1.66	69	72025	57.51	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.02%
11) 1,1-Dichloroethene-d2	2.27	63	109694	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	4.18	46	131177	135.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.10%#
24) Chloroform-d	4.65	84	151569	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
26) 1,2-Dichloroethane-d4	5.31	65	98955	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
32) Benzene-d6	5.34	84	299559	59.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.08%
36) 1,2-Dichloropropane-d6	6.33	67	100502	62.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.00%#
41) Toluene-d8	7.57	98	238373	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%
43) trans-1,3-Dichloropropene-	7.85	79	41194	56.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.84%
47) 2-Hexanone-d5	8.31	63	93878	147.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.35%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144138	63.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.54%#
64) 1,2-Dichlorobenzene-d4	11.86	152	95304	68.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.02%#

Target Compounds

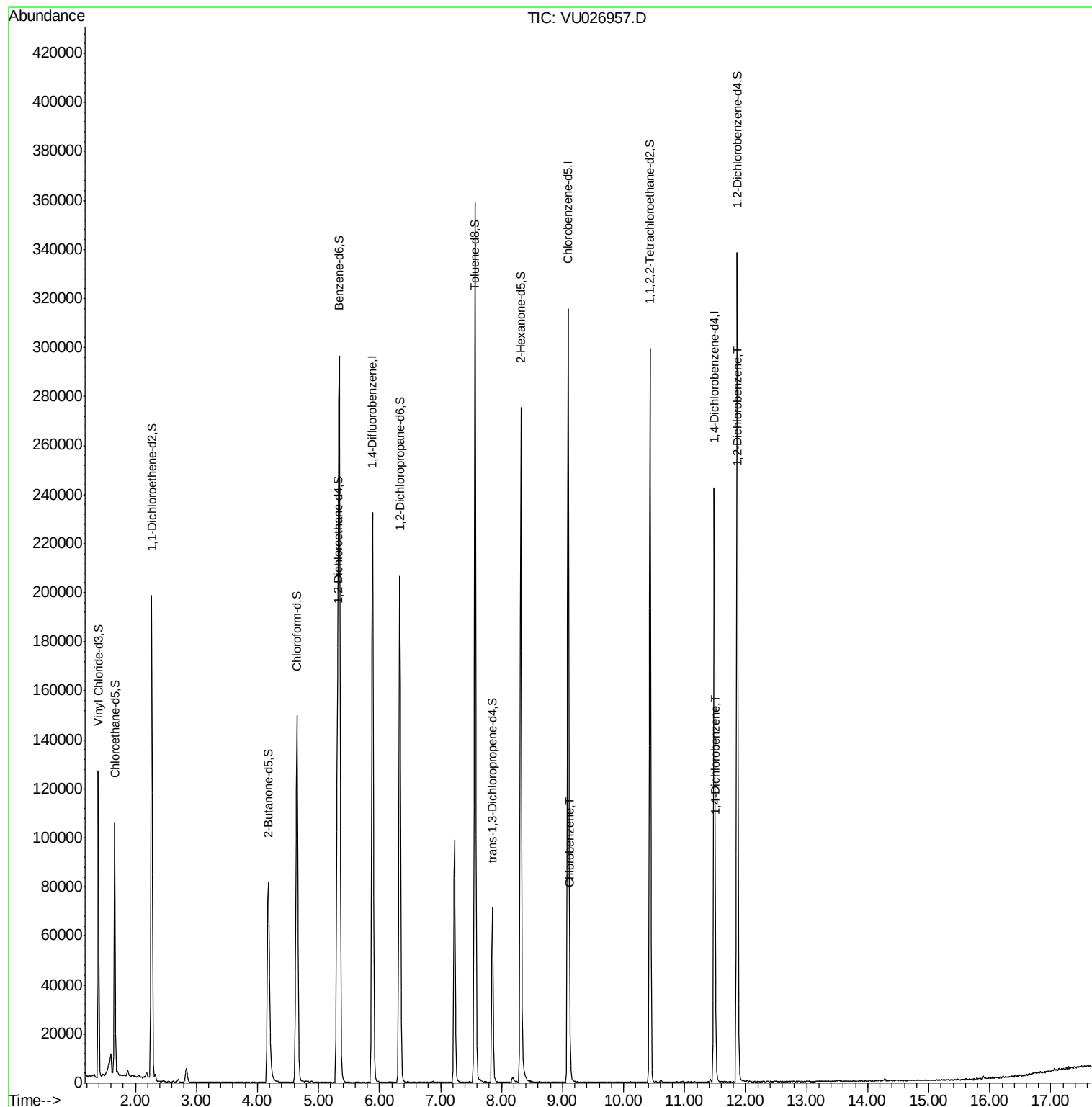
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	9095	2.380	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	6264	2.791	ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	4347	1.926	ug/L	93

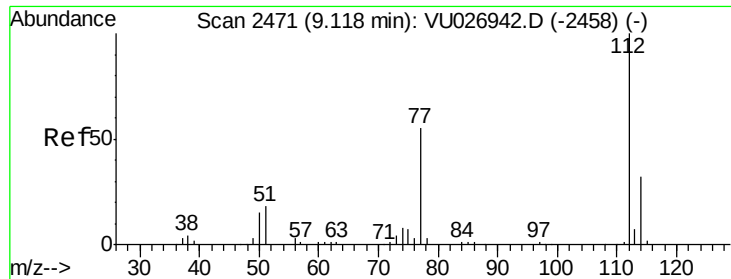
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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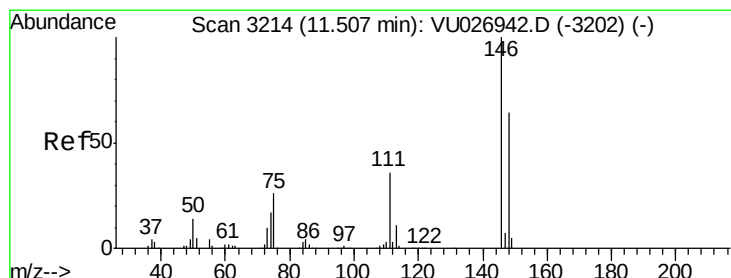
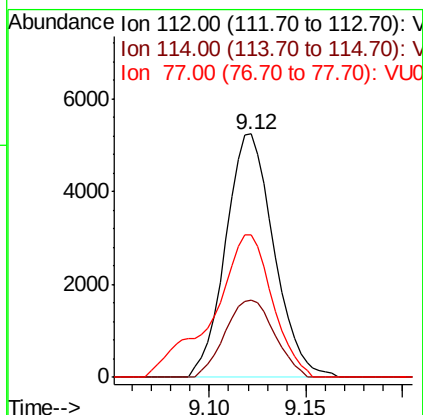
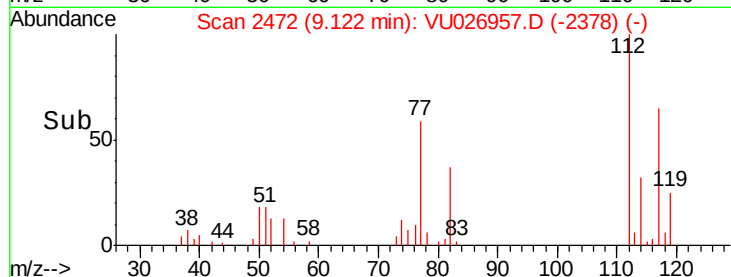
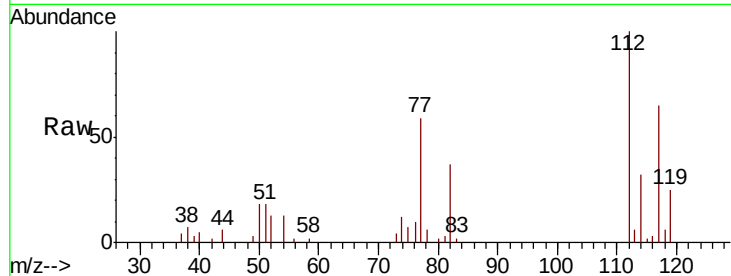




#51
Chlorobenzene
Concen: 2.380 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

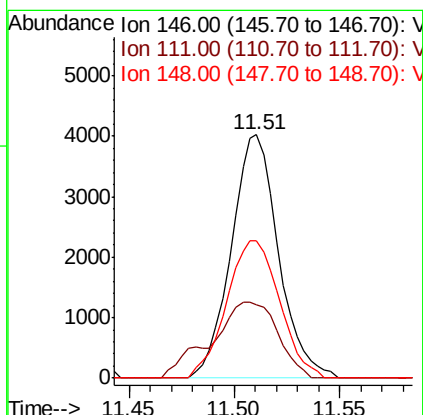
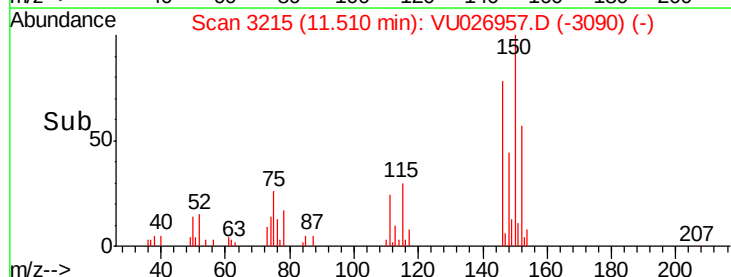
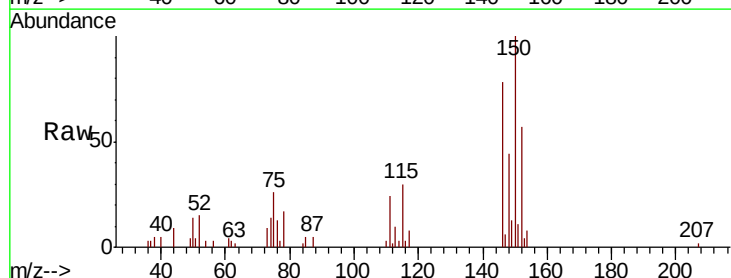
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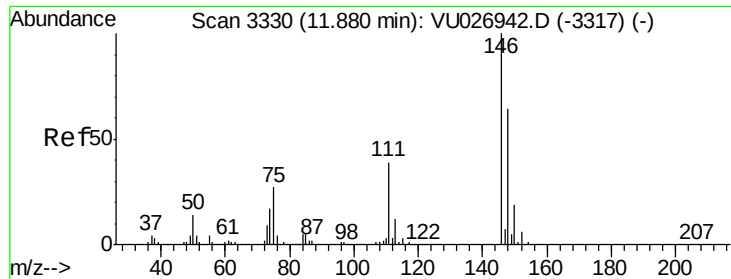
Tot Ion:112 Resp: 9095
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 58.7 45.1 67.7



#63
1,4-Dichlorobenzene
Concen: 2.791 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion:146 Resp: 6264
Ion Ratio Lower Upper
146 100
111 30.4 26.0 48.2
148 56.5 45.8 85.2





#65
 1,2-Dichlorobenzene
 Concen: 1.926 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026957.D
 Acq: 21 Sep 2018 00:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q3

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	31.4	47.0
148	68.1	51.4	77.2

