

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026958.D
 Acq On : 21 Sep 2018 01:11
 Operator : MD/SY
 Sample : J5012-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q4

Quant Time: Sep 21 06:56:54 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	33537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	31382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	10873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73228	295.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	590.34%#
7) Chloroethane-d5	1.67	69	68090	320.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	641.32%#
11) 1,1-Dichloroethene-d2	2.27	63	98555	209.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	419.90%#
21) 2-Butanone-d5	4.18	46	123551	750.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	750.46%#
24) Chloroform-d	4.65	84	138312	300.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	601.12%#
26) 1,2-Dichloroethane-d4	5.31	65	92461	319.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	638.16%#
32) Benzene-d6	5.34	84	267647	304.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	608.66%#
36) 1,2-Dichloropropane-d6	6.33	67	91955	324.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	649.00%#
41) Toluene-d8	7.57	98	207014	260.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	521.08%#
43) trans-1,3-Dichloropropene-	7.85	79	36439	288.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	576.02%#
47) 2-Hexanone-d5	8.31	63	85255	765.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	765.50%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130007	329.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	658.06%#
64) 1,2-Dichlorobenzene-d4	11.86	152	74936	331.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	662.60%#

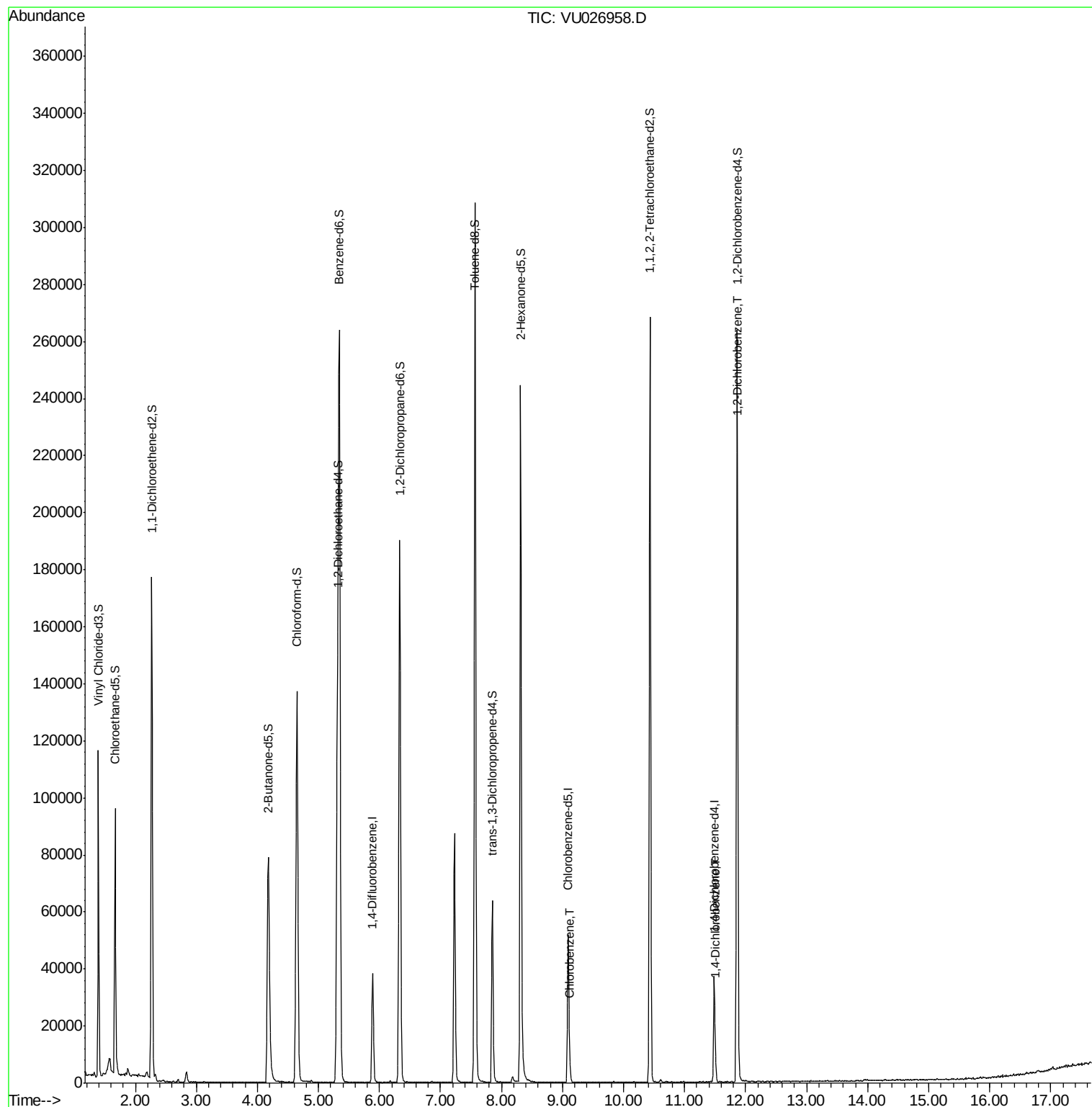
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	2739	4.100 ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	2105	5.767 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	2215	6.035 ug/L #	86

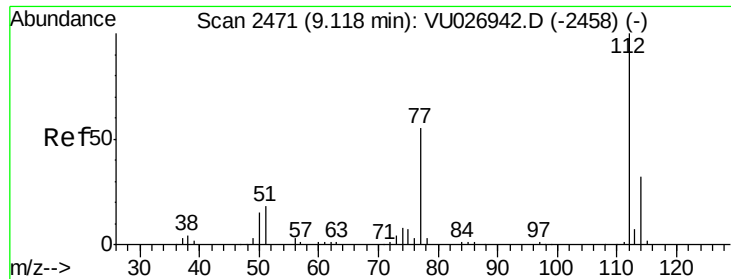
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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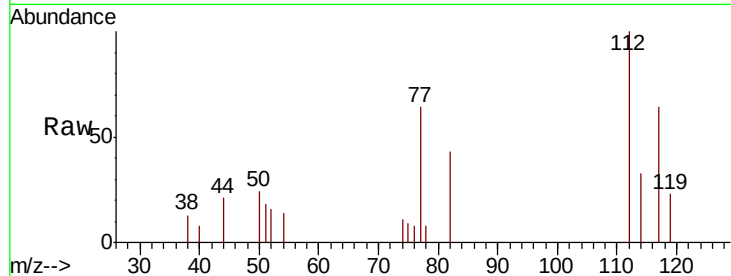




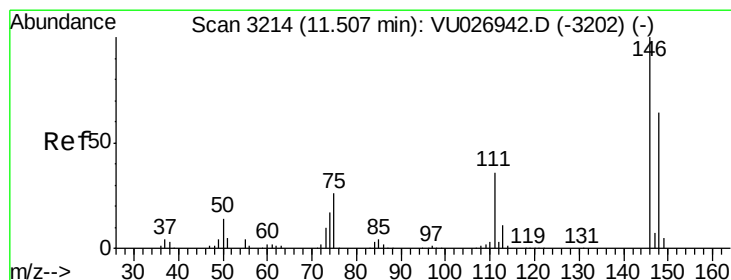
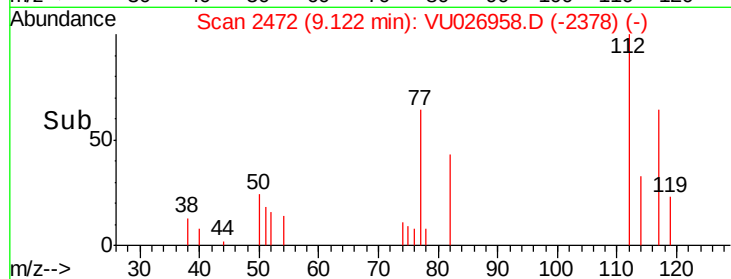
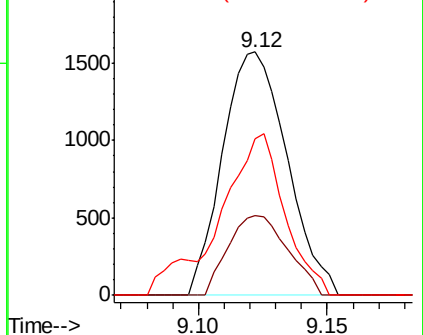
#51
Chlorobenzene
Concen: 4.100 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026958.D
Acq: 21 Sep 2018 01:11

Instrument :
MSVOA_U
ClientSampleId :
C08Q4

Tot Ion:112 Resp: 2739
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 64.4 45.1 67.7

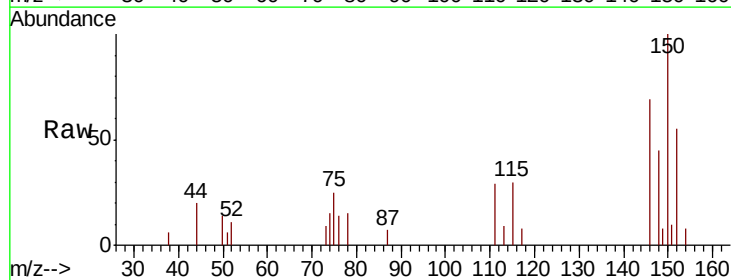


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

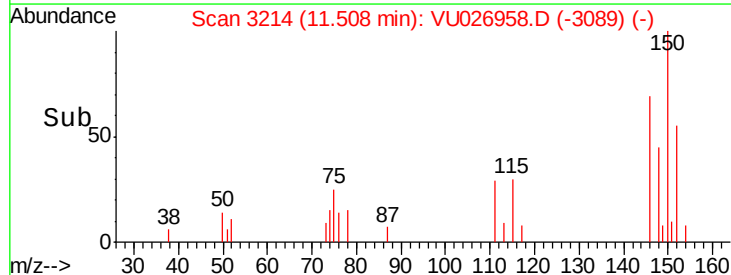
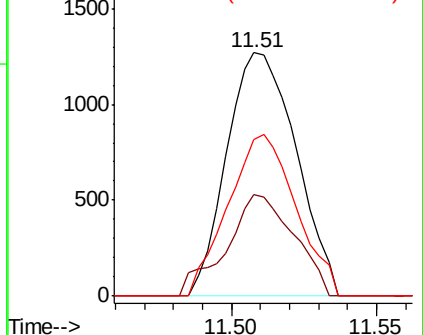


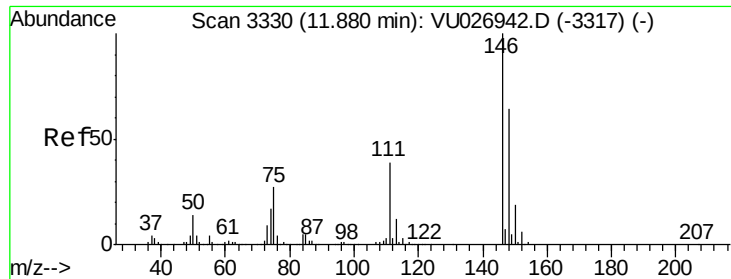
#63
1,4-Dichlorobenzene
Concen: 5.767 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026958.D
Acq: 21 Sep 2018 01:11

Tgt Ion:146 Resp: 2105
Ion Ratio Lower Upper
146 100
111 41.6 26.0 48.2
148 64.1 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: 6.035 ug/L

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

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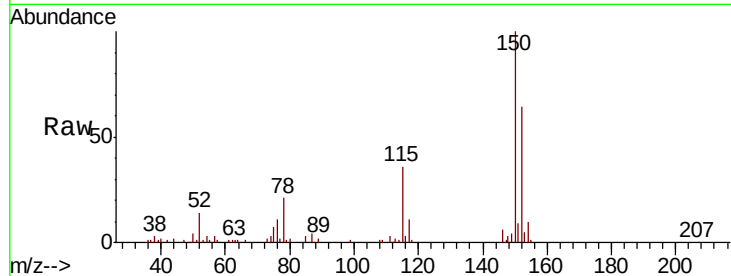
Tot Ion:146 Resp: 2215

Ion Ratio Lower Upper

146 100

111 53.2 31.4 47.0#

148 57.7 51.4 77.2



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

