

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026124.D
 Acq On : 15 Aug 2018 01:11
 Operator : MD/SY
 Sample : J4402-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ1

Quant Time: Aug 16 02:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	245817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59486	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.22%
7) Chloroethane-d5	1.68	69	54595	38.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.64%
11) 1,1-Dichloroethene-d2	2.27	63	92623	27.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.26%#
21) 2-Butanone-d5	4.18	46	130032	86.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.83%
24) Chloroform-d	4.65	84	163230	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	5.31	65	113779	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.35	84	295280	41.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.33	67	100656	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.57	98	258656	37.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.64%#
43) trans-1,3-Dichloropropene-	7.85	79	46098	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.31	63	87703	83.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	150572	44.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	107496	45.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.80%

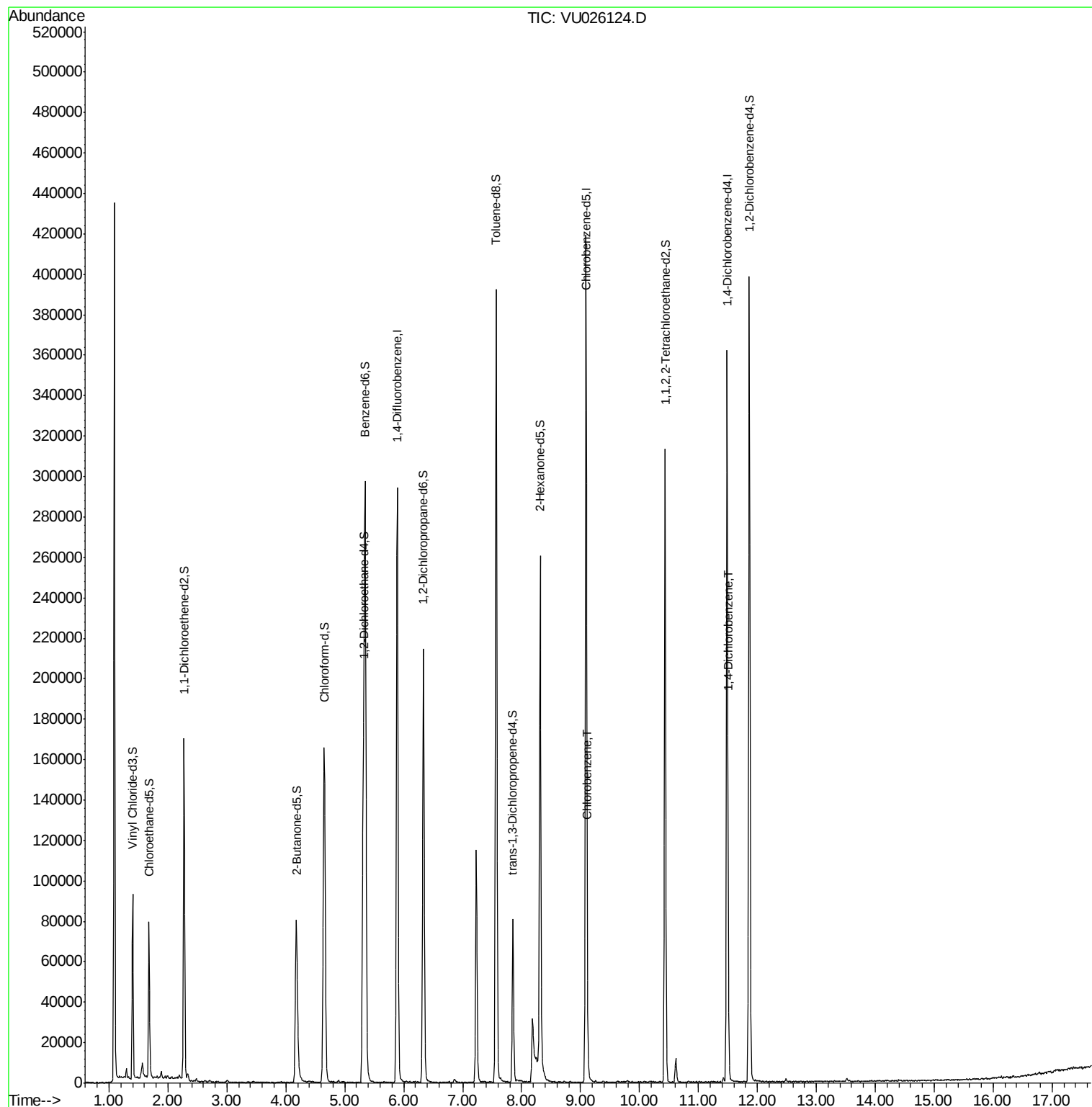
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	6568	1.40 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	3770	1.20 ug/L	95

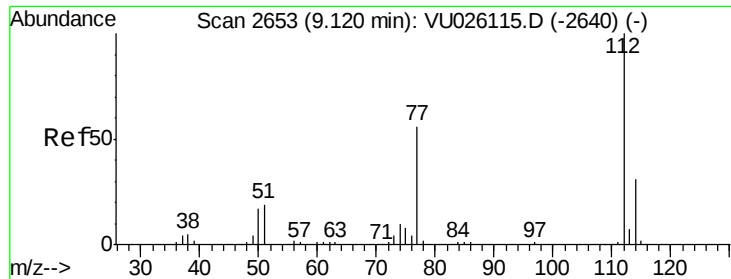
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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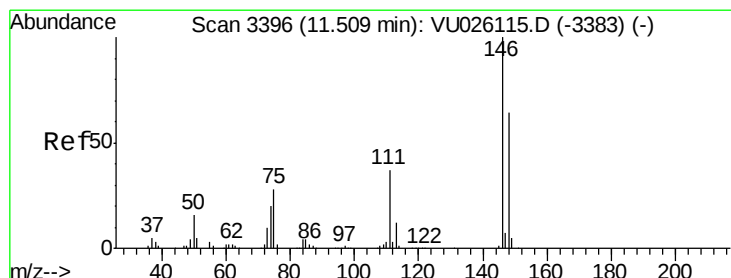
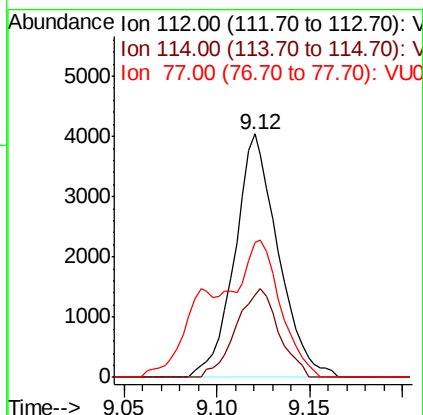
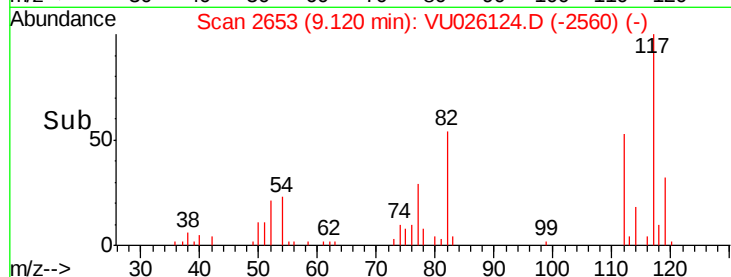
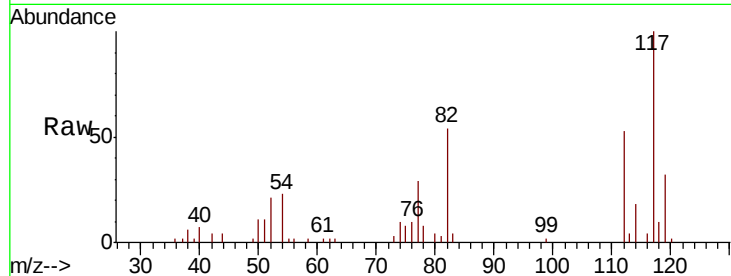




#51
Chlorobenzene
Concen: 1.40 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026124.D
Acq: 15 Aug 2018 01:11

Instrument :
MSVOA_U
ClientSampled :
A4ZJ1

Tot Ion:112 Resp: 6568
Ion Ratio Lower Upper
112 100
114 33.9 22.7 42.3
77 55.4 45.2 67.8



#63
1,4-Dichlorobenzene
Concen: 1.20 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026124.D
Acq: 15 Aug 2018 01:11

Tgt Ion:146 Resp: 3770
Ion Ratio Lower Upper
146 100
111 39.5 26.4 49.0
148 58.0 43.8 81.4

