

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030257.D
 Acq On : 21 Mar 2019 11:58
 Operator : JC/SP
 Sample : K1967-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0977

Quant Time: Mar 22 04:40:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 04:03:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	540425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175272	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.68	69	142506	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.27	63	237895	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.36%
21) 2-Butanone-d5	4.18	46	235072	86.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.71%
24) Chloroform-d	4.65	84	302505	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.31	65	178420	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.34	84	654367	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	205080	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.56	98	596397	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%
43) trans-1,3-Dichloropropene-	7.85	79	92624	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.31	63	190168	84.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289300	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	228620	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%

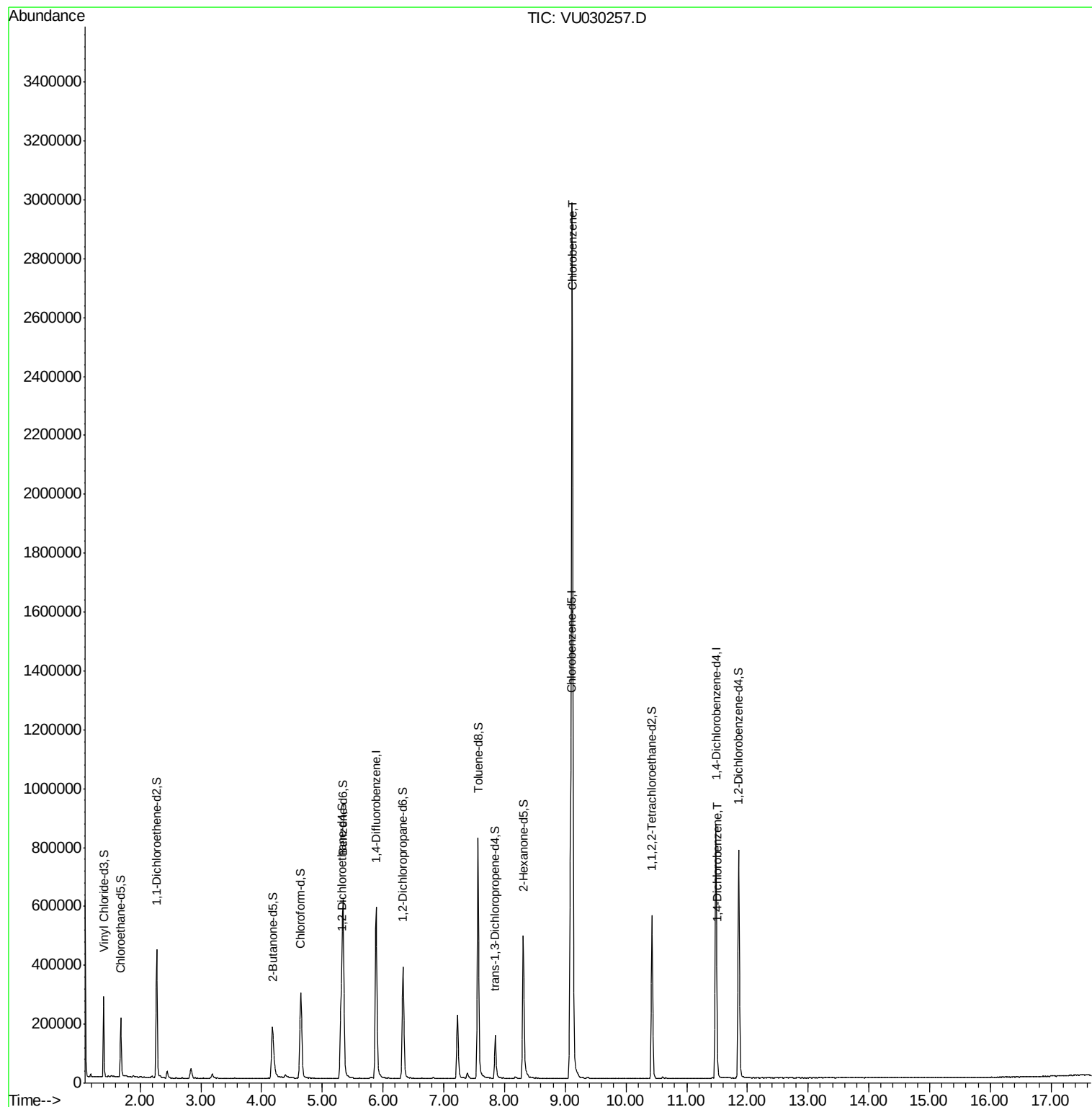
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	1741434	156.626 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	11580	1.423 ug/L	96

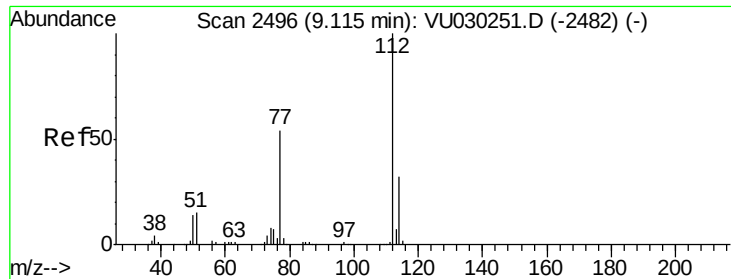
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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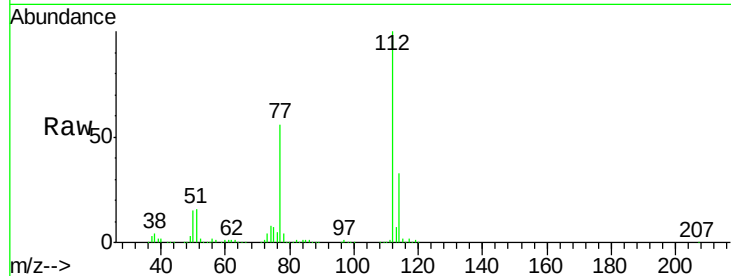




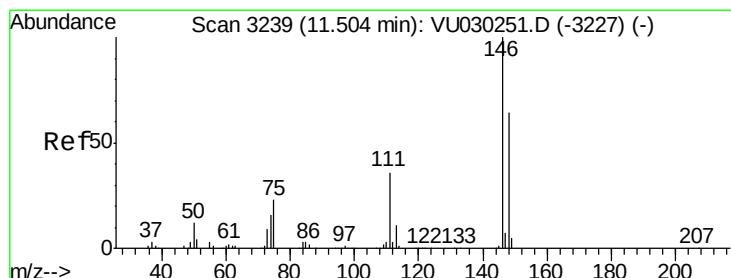
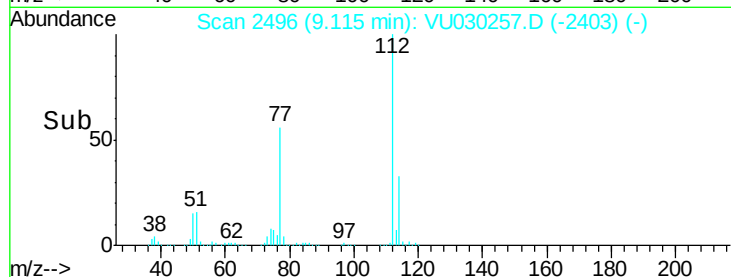
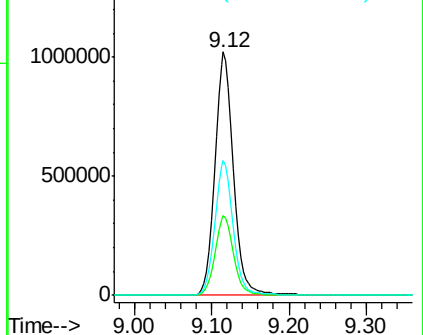
#51
Chlorobenzene
Concen: 156.626 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030257.D
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Tot Ion:112 Resp: 1741434
Ion Ratio Lower Upper
112 100
114 32.9 22.5 41.7
77 55.6 43.4 65.0

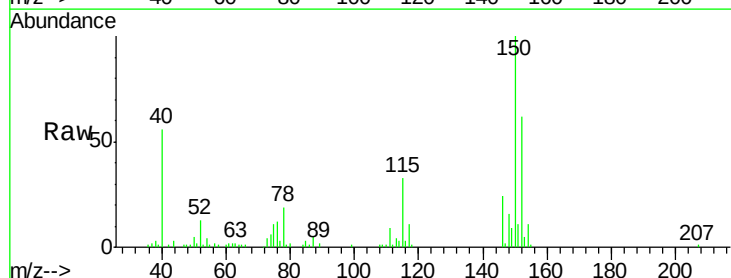


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V



#63
1,4-Dichlorobenzene
Concen: 1.423 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Tgt Ion:146 Resp: 11580
Ion Ratio Lower Upper
146 100
111 37.9 25.3 46.9
148 67.7 44.7 82.9



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

